

GENERAL NOTES

- ALL WORK SHALL BE IN CONFORMANCE WITH THE CITY OF SAN LEANDRO DEPARTMENT OF PUBLIC WORKS STANDARDS, SPECIFICATIONS AND DETAILS. ALL WORK SHALL BE SUBJECT TO APPROVAL OF AND INSPECTION BY THE CITY ENGINEER.
- AT LEAST ONE SET OF APPROVED PLANS SHALL BE ON THE SITE AT ALL TIMES FOR INSPECTION. ANY DEVIATION FROM THE APPROVED PLANS DURING CONSTRUCTION WILL REQUIRE 48 HOURS PRIOR NOTICE AND APPROVAL OF THE CITY ENGINEER.
- THE PERMITS/CONTRACTOR SHALL NOTIFY THE CITY OF SAN LEANDRO ENGINEERING DIVISION TWO (2) BUSINESS DAYS PRIOR TO THE START OF ANY WORK.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THE EXISTENCE OF ANY AND ALL UNDERGROUND FACILITIES WHICH MAY BE SUBJECT TO DAMAGE BY REASON OF HIS OPERATIONS. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE AGENCIES (USA) AT (800) 842-7444, 48 HOURS PRIOR TO ANY DEMOLITION WORK SHALL START WITHIN 5 DAYS AFTER THE ISSUANCE OF A USA INQUIRY NOTIFICATION NUMBER COMPLETE. THE USA RESPONSE SHALL BE WITHIN 5 BUSINESS DAYS AFTER COMPLETION OF THE EXCAVATION, SIGNAL AND SURFACE RESTORATION OF TRENCHES (48 CALENDAR DAYS FOLLOWING THE ISSUANCE OF THE INQUIRY NOTIFICATION NUMBER) WHERE IT IS CALLED.
- CONTRACTOR USA DOES NOT BELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITY TO DETERMINE LOCATION AND DEPTH OF BURIED UTILITIES OR RECORD OF BURIED UTILITIES MAINTAINED BY HIS OPERATIONAL.
- ALL GRADING, SITE PREPARATION, PAVING AND CONSTRUCTION OF PAVEMENT SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SAN LEANDRO STANDARDS, SPECIFICATIONS, DETAILS, AND DRAWINGS AND FOR THE RECOMMENDATIONS SPECIFIED IN THE "GEOLOGICAL INVESTIGATION" BY DAVID STODOLSKY, PH.D., DATED NOVEMBER 9, 2016, FILE NO. SH-1530-SA.
- A GRADING PERMIT IS REQUIRED PRIOR TO COMMENCEMENT OF GRADING. A COPY OF THE GRADING PERMIT IS REQUIRED TO BE ON THE SITE AT ALL TIMES.
- GRADING OPERATIONS SHALL BE CONDUCTED IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED IN THE SOILS INVESTIGATION REPORT. THE SOILS ENGINEER WILL BE RESPONSIBLE FOR THE ON-SITE OBSERVATION AND QUALITY CONTROL FOR THE GRADING OPERATION. PLAN RECOMMENDATIONS AND CONSTRUCTION CONTROL WITH RESPECT TO EARTHWORK, SLOPE STABILITY, SETTLEMENT, COMPACTION, ETC., AS SHOWN HEREIN ARE PROVIDED BY THE SOILS ENGINEER. THE CONTRACTOR SHALL READ AND BE FULLY AWARE OF THE SOILS REPORT BEFORE STARTING WORK. ALL WORK SHALL MEET THE APPROVAL OF THE CITY OF SAN LEANDRO.
- SUBSEQUENT TO THE COMPLETION OF THE WORK, THE SOILS/GEOTECHNICAL ENGINEER SHALL SUBMIT A REPORT TO THE CITY ENGINEER STATING THAT ALL WORK HAS BEEN DONE IN ACCORDANCE WITH THE "GEOLOGICAL INVESTIGATION" PROVIDED BY DAVID STODOLSKY, PH.D., DATED NOVEMBER 9, 2016, FILE NO. SH-1530-SA.
- NOTE: PRELIMINARY CONSTRUCTION AND GRADING OPERATIONS SHALL BE LIMITED TO RESTORING DRAINAGE THROUGH PRIVATE CITY RIGHTS-OF-WAY AND FROM THE HOURS OF 7:30 A.M. TO 6:00 P.M. ALL EQUIPMENT SHALL BE ACQUIESCENTLY MAINTAINED AND MAINTAINED. NO CHANGES SHALL BE ALLOWED WITHOUT PRIOR WRITTEN CONSENT OF THE CITY. ALL REQUESTS FOR CHANGES MUST BE MADE A MINIMUM OF 72 HOURS PRIOR TO THE REQUEST FOR CHANGES.

- EXISTING CURBS AND SIDEWALKS WITHIN THE PROJECT LIMITS THAT ARE DAMAGED OR DISPLACED, EVEN THOUGH THEY WERE NOT TO BE REMOVED, SHALL BE REPAIRED OR REPLACED PRIOR TO THE DAMAGE OR DISPLACEMENT OCCURRING THERE TO ANY WORK PERFORMED BY THE CONTRACTOR. CONSTRUCTION SHALL OCCUR CONFORM TO THE PROVISIONS PRIOR TO START OF CONSTRUCTION.
- THE CONTRACTOR SHALL CONTROL DUST BY MAINTAINING EXPOSED SURFACES AS NECESSARY. INCREASED MAINTENANCE SHALL BE REQUIRED WHEN WIND SPEEDS EXCEED 10 MPH OR WIND DIRECTION BY THE CITY.
- NO PERSON SHALL WORK NEARING ANY CANALS, GRAVEL, STONE, DEBRIS, SAND, OR ANY OTHER SUBSTRATES, EXCEPT PUBLIC STREETS OR OTHER PUBLIC PLACES, ALLOWING MATERIAL TO BLEND ON SIDE CURB AND BURN SAID MATERIAL ON ADJACENT PRIVATE PROPERTY. ALL LOADS LEAVING THE SITE SHALL BE COVERED.
- THE CONTRACTOR SHALL PROVIDE SCHEDULED CONSTRUCTION CONTINUES TO PREVENT THE TRUCKING OF SOIL, DUST, NOISE, OR CONSTRUCTION DEBRIS ON PUBLIC STREETS.
- WATER TRUCKS ON STREETS OR ADJACENT PROPERTIES SHALL BE REMOVED IMMEDIATELY. STREET SHALL BE CURED WITH A POWER STREET (NOT PRESSURE WASHED) AS DIRECTED BY THE CITY.
- A DISPOSAL SITE FOR ANY OFF-SITE HAUL OF DIRT MATERIALS SHALL BE APPROVED BY THE CITY PRIOR TO APPROVAL OF THE GRADING PERMIT. THE OFF-SITE HAUL ROUTE FOR EXCESS DIRT OR CONSTRUCTION DEBRIS IS SUBJECT TO APPROVAL OF THE CITY ENGINEER.
- EXCAVATIONS SHALL BE ADEQUATELY SHORED, BRACED, AND SHUTTED SO THAT THE SOILS WILL NOT SETTLE AND SO THAT ALL EXISTING IMPROVEMENTS OF ANY KIND WILL BE FULLY PROTECTED FROM DAMAGE. ANY DAMAGE RESULTING FROM A LACK OF ADEQUATE SHORING, BRACING AND SHUTTING, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND THE CONTRACTOR SHALL OBTAIN NECESSARY APPROVAL FOR RECONSTRUCTION AT HIS OWN EXPENSE. INSIDE THE DECAUTION FOR A PERSON, STRUCTURE, OR OTHER PROPERTY OR DAMAGE TO THE CITY OR TO THE STATE OF CALIFORNIA.
- ALL IMPROVEMENTS IN EXISTING CITY STREETS SHALL BE MAINTAINED AND PAVED WITHIN 24 HOURS OF DEMOLITION. STEEL REINFORCING SHALL BE PLACED OVER UNPAVED AREAS WITHIN THE 24 HOUR PERIOD WITH THE SPECIFIC APPROVAL OF THE CITY ENGINEER.
- ALL REINFORCED CONCRETE PIPE SHALL BE CLASS II OR BETTER, UNLESS OTHERWISE NOTED.
- OPERATION OF WALKS ON THE SAN LEANDRO WATER SYSTEM SHALL BE PERFORMED BY WATER BUREAU PERSONNEL ONLY.
- CONTRACTOR MUST MAINTAIN ADA ACCESS AT ALL TIMES DURING CONSTRUCTION.

UTILITY NOTES

- EXISTING AND PROPOSED UTILITIES SHALL BE PROTECTED AND APPROVED BY THE GEOLOGICAL ENGINEER.
- CONTRACTOR TO VERIFY ALL EXISTING UTILITY LOCATIONS FOR STORM DRAIN AND SANITARY SEWER. CONSTRUCTION PRIOR TO ANY SITE WORK. ALL WORK FOR STORM DRAIN AND SANITARY SEWER INSTALLATION SHALL BEGIN AT THE CONSTRUCTION CONSTRUCTION POINT. THIS WILL ALLOW FOR ANY NECESSARY ADJUSTMENTS TO BE MADE PRIOR TO THE INSTALLATION OF THE CURVE LINE. IF THE CONTRACTOR FAILS TO BEGIN AT THE CONSTRUCTION CONSTRUCTION POINT AND WORKS UNLAWFULLY, HE SHALL PROCEED AT HIS OWN RISK AND BE RESPONSIBLE FOR ANY ADJUSTMENTS NECESSARY.
- ALL WORK ON-SITE AND IN THE PUBLIC RIGHT-OF-WAY SHALL CONFORM TO THE CITY OF SAN LEANDRO STANDARDS AND REQUIREMENTS.
- GENERAL CONTRACTOR SHALL COORDINATE ALL UNDERGROUND UTILITIES, PROVIDE IT MINIMUM BETWEEN PIPES CROSSING ELECTRICAL LINES HORIZONTALLY AND 12" MINIMUM BETWEEN PARALLEL PIPES CROSSING ELECTRICAL LINES.
- FOR UTILITY MATERIALS AND TYPES, SEE THE PROJECT SPECIFICATIONS IF APPLICABLE AND NOT OTHERWISE ON THESE PLANS.
- WATER LINES SHALL BE 12" MINIMUM ABOVE SANITARY SEWER LINE AT ALL CROSSINGS.
- MINIMUM COVER FOR WATER LINES IS 5.0 FEET.
- MINIMUM COVER FOR FIRE SERVICE LINES IS 4.0 FEET.
- SANITARY SEWER SHALL BE PVC OR 30" EXCEPT WHERE DUCTILE IRON PIPE (DIP) IS REQUIRED OR AS PERMITTED BY THE LOCAL JURISDICTION. CONTRACTOR SHALL VERIFY REQUIREMENTS PRIOR TO PLACING HIS 30" DUCTILE IRON PIPE (DIP) SHALL BE CLASS 30.
- DUCTILE IRON LINES 12"-30" SHALL BE SCHEDULE 40 PIPE, 4" AND ABOVE SHALL BE CLASS 30.
- FIRE SERVICE LINES 6"-12" SHALL BE CLASS 150 OR 14, UNLESS SPECIFIED OTHERWISE ON FIRE SHOP DRAWINGS.
- ALL PROPOSED STORM DRAIN PIPES SHALL BE MARKED "NO DRINKING, DRAINS TO BAY" AS PER THE CITY OF SAN LEANDRO STANDARD PLANS NO. 1024 AND 1025.
- CONTRACTOR TO ENSURE NEW UTILITIES INSTALLED IN THE PUBLIC RIGHT-OF-WAY MEET MINIMUM COVER REQUIREMENTS PER CITY OF SAN LEANDRO STANDARD PLANS NO. 1024 AND 1025.
- FRENCH DRAINAGE AND RESURFACING SHALL BE INSTALLED PER CITY OF SAN LEANDRO STANDARD PLANS NO. 1024 AND 1025.

SURVEY NOTES

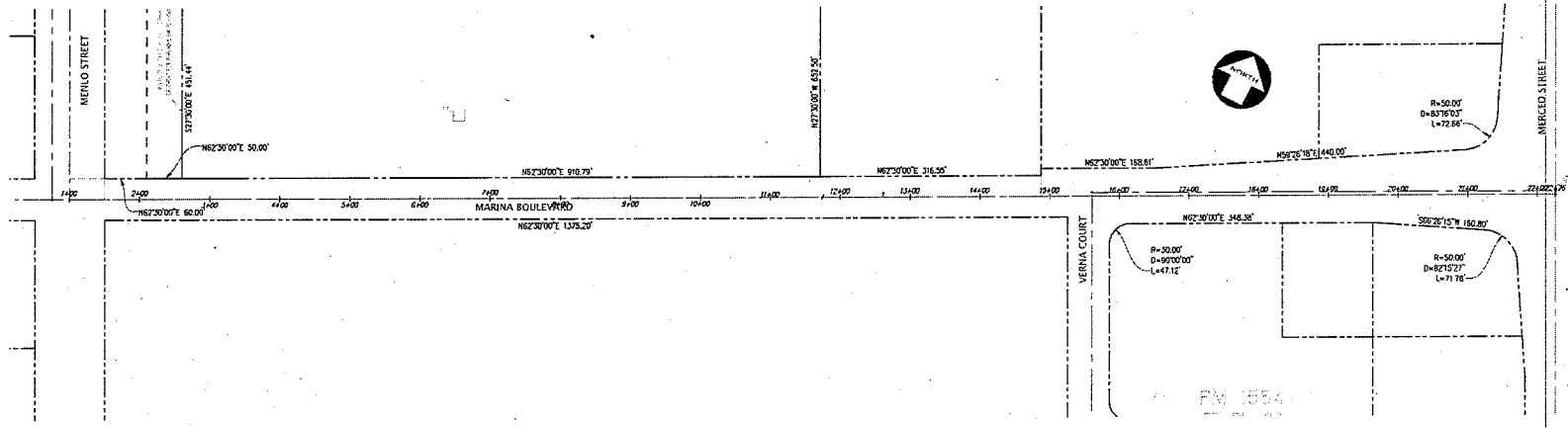
- BENCHMARK: CITY OF SAN LEANDRO UTM/STATE DOC IN INTERSECTION OF JEROME COURT AND MERCED STREET, ELEVATION = 26.514, NAD 83
- BASE OF BEARING: THE BEARING OF NORTH 127° 07' 00" EAST LIES ON THE CENTER LINE OF MARINA BOULEVARD AS SHOWN ON THAT CERTAIN PARCEL MAP NUMBER 227477 RECORDED FOR RECORD ON DECEMBER 24, 1971, IN BOOK 65 OF MAPS AT PAGE 46-47. THE OFFICIAL RECORDS OF ALAMEDA COUNTY WILL BE TAKEN AS THE BASIS FOR ALL BEARINGS SHOWN HEREON.

DEMOLITION NOTES

- REMOVE ALL IMPROVEMENTS SURFACE BETWEEN SANCTUARY AND DEMOLITION LINE.
- REMOVE ALL LANDSCAPE BETWEEN SANCTUARY AND DEMOLITION LINE.
- RETAIN ALL SURFACE UTILITIES AS SHOWN ON THESE PLANS, ALL RELATED UTILITIES, SERVICES, ETC. SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
- UNDERPROVISIONS OF OVERHEAD UTILITY LINES EXCEED 2000 VOLTAGE, REMOVE PER SEPARATE PLANS PREPARED BY POWER MANAGEMENT GROUP.

SIGNAGE AND STRIPING NOTES

- THE SIGNAGE SHALL BE PLACED TOWARD FACE OF CURB FOR CITY OF SAN LEANDRO STANDARD PLAN ONE (NO. 142).
- REMOVE AND SALVAGE ALL EXISTING "NO PARKING" SIGNS. REMOVE REMAINDER SIGNS TO CITY OF SAN LEANDRO PUBLIC WORKS DEPARTMENT LOCATED AT 14200 CHAMPAIGN ROAD.
- INSTALL NEW "NO TRUCK PARKING" SIGNS SIMILAR TO EXISTING SIGNS ON THE SOUTH SIDE OF MARINA BOULEVARD. SIGNS ARE TO BE INSTALLED ON EACH PROPOSED STREET LIGHT POLE.
- ALL STREET SIGNS ARE TO BE PLACED PER CITY OF SAN LEANDRO STANDARD PLAN ONE (NO. 138).
- RAILROAD CROSSING WARNING MARKINGS ON NORTH SIDE OF MARINA BOULEVARD, EAST OF CHAMPAIGN ROAD AND CROSSING MUST BE REINSTALLED PER CITY OF SAN LEANDRO STANDARD PLAN ONE (NO. 138) AND WHITE TRANSVERSE LINES SHALL BE EXTENDED TO NEW TOP OF CUTTER.
- EXISTING DETAIL 10 LANE LINE PAVEMENT MARKINGS ALONG NORTH SIDE OF MARINA BOULEVARD SHALL BE REINSTALLED PER CA MUTCD FIG. 3A-102 (CA).



LAYOUT LINE PLAN
SCALE 1" = 80'

Original can be viewed at:
City of San Leandro, 835 East 14th Street, City Hall,
San Leandro, CA 94577

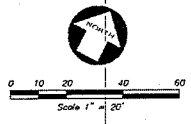
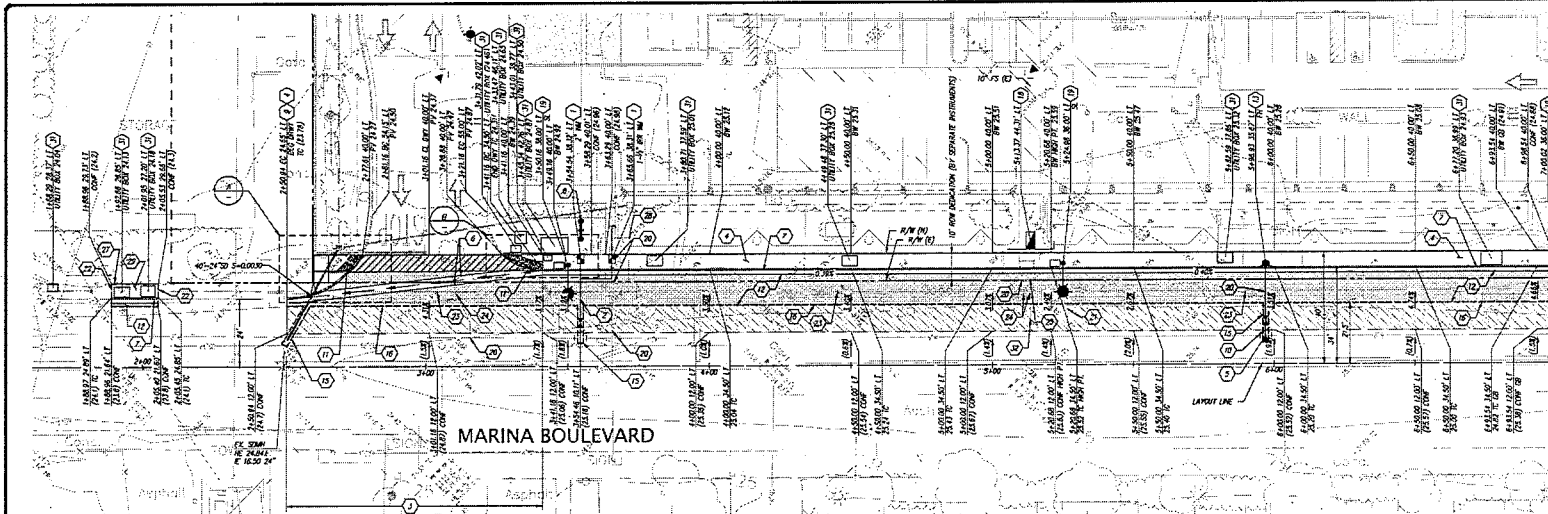
NOTES OF
2000 MARINA BOULEVARD
FOR
OM PROPERTIES
SAN LEANDRO, CALIFORNIA

DATE: 05/25/2018
BY: J. W. WRIGHT
DESIGNER: J. W. WRIGHT
JOB NO: 180674
SHEET: C1.0

KIER & WRIGHT
CIVIL ENGINEERS & SURVEYORS, INC.
14200 CHAMPAIGN ROAD
SAN LEANDRO, CA 94577
TEL: (925) 461-9600
FAX: (925) 461-9606

REGISTERED PROFESSIONAL CIVIL ENGINEER
No. 71887
STATE OF CALIFORNIA
1981

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MATCHLINE - STATION 7+00 - SEE SHEET C2.1

CONSTRUCTION KEYNOTES

- 1. NEW WATER METER PER EAST BAY MUNICIPAL UTILITY DISTRICT STANDARD 280-EA. SEE PER PLAN. TO BE PERFORMED BY EMBU.
- 2. NEW 4" SERVICE TAP PER EAST BAY MUNICIPAL UTILITY DISTRICT STANDARD 282-EA. TO BE PERFORMED BY EMBU.
- 3. NEW DRIVEWAY PER CITY OF SAN LEANDRO STD. 100.
- 4. CONSTRUCT 6" SIDEWALK PER CITY OF SAN LEANDRO DING NO. 100. EXISTING UTILITIES TO BE ADJUSTED TO GRADE AS NEEDED.
- 5. NEW 8"x8" (SEE 6" FIRE SERVICE CONNECTION WITH REDUCER PER EAST BAY MUNICIPAL UTILITY DISTRICT STANDARD 320-EA. TO BE PERFORMED BY EMBU.
- 6. CONSTRUCT VALLEY CUTTER PER CITY OF SAN LEANDRO DING NO. 114.
- 7. CONSTRUCT 6" CURB AND GUTTER PER CITY OF SAN LEANDRO STANDARD DING NO. 100.
- 8. INSTALL SPRA BASHLOW DEVICE PER EAST BAY MUNICIPAL UTILITY DISTRICT STANDARD 344-EA. CONTRACTOR TO COORDINATE WORK WITH EMBU.
- 9. SMOOTH EXISTING SIDEWALK. CONTAIN AT NEAREST SLOPE JOINT AND MATCH EXISTING ELEVATION.
- 10. NEW WATER VALVE BOX PER EAST BAY MUNICIPAL UTILITY DISTRICT STANDARD 321-EA. TO BE PERFORMED BY EMBU.
- 11. CONSTRUCT WHEELCHAIR CURB CUT RAMP PER CITY OF SAN LEANDRO STANDARD DING NO. 108B. TYPE A.
- 12. CONSTRUCT NEW AC PAVEMENT.
- 13. REMOVE AND REPLACE EXISTING FIRE HYDRANT WITH CLOW-RICH 800 PER EAST BAY MUNICIPAL UTILITY DISTRICT STANDARD 300-ES. TO BE PERFORMED BY EMBU. HYDRANT PLACEMENT TO BE PER CITY OF SAN LEANDRO STANDARD PLAN 1042.
- 14. NEW UTILITY POLE. SEE JOINT UTILITY PLAN.
- 15. REMOVE BASKET, RESTRAPPING AND ANCHOR COVERS SHALL BE PER CITY OF SAN LEANDRO STANDARD PLAN DING NO. 5. 1204 TO 1202.
- 16. SMOOTH EXISTING AC PAVEMENT 1" MIN FROM EXISTING GUTTER.
- 17. INSTALL 8" LATERAL PER CITY SANITARY STANDARD DING NO. 100. USE 1/2" BEND ALTERNATE AND CONNECT TO EXISTING 24" MAIN WITH 180° TURN CONNECTION.
- 18. INSTALL BASHLOW PREVENTION DEVICES PER UNDERGROUND FIRE PROTECTION PLAN IN ACCORDANCE WITH EAST BAY MUNICIPAL UTILITY DISTRICT STANDARDS. CONTRACTOR TO COORDINATE WORK WITH EMBU.
- 19. STREET LIGHT AND HANGAR INSTALLATION SHALL BE PER CITY OF SAN LEANDRO STANDARD PLAN DING NO. 100. LIGHTING AND ELECTRICAL. INSTALL STREET LIGHTS PER SHEET PM-1 AND PM-2. SEE SHEET C4D FOR SCHEDULE.
- 20. REMOVE EXISTING FIRE SERVICE.
- 21. REMOVE EXISTING SENIOR LATERAL.
- 22. SMOOTH SIDEWALK AT NEAREST JOINT.

SURVEY NOTES

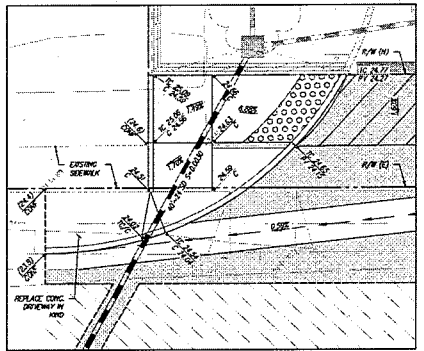
- 1. BENCHMARK: CITY OF SAN LEANDRO MICHMENT DISC IN INTERSECTION OF ARIAN COURT AND MERCED STREET. ELEVATION = 26.534, NVD 29
- 2. BASIS OF BEARING: THE BEARING OF NORTH 67° 30' 00" EAST TAKEN ON THE CENTER LINE OF MARINA BOULEVARD AS SHOWN ON THAT CERTAIN SURVEY MAP NUMBER 2272 FILED FOR RECORD ON DECEMBER 7, 1977, IN BOOK 88 OF MAPS AT PAGES 88-91. OFFICIAL RECORDS OF ALAMEDA COUNTY HAS TAKEN AS THE BASIS FOR ALL BEARINGS SHOWN HEREON.

SIGNAGE AND STRIPING

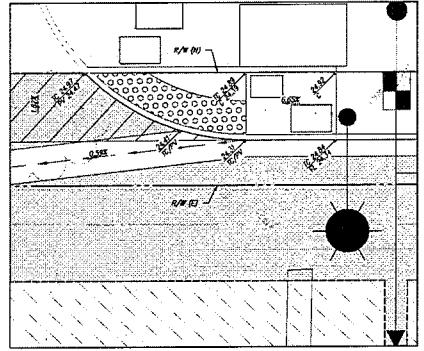
SEE SHEET C4D FOR STREET SIGNAGE AND STRIPING DETAILS.

CONSTRUCTION NOTE

DRIVEWAY CONSTRUCTION MUST BE COORDINATED WITH ADJOINING PROPERTY OWNER TO THE WEST AS ACCESS MAY BE TEMPORARILY RESTRICTED BY CONSTRUCTION.



DETAIL A
SCALE 1" = 5'

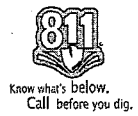


DETAIL B
SCALE 1" = 5'

NOTICE TO CONTRACTORS

CONTRACTOR TO NOTIFY USA (UNDERGROUND SERVICE ALERT) AT 811 A MINIMUM OF 48 HOURS BEFORE BEGINNING UNDERGROUND WORK FOR VERIFICATION OF THE LOCATION OF UNDERGROUND UTILITIES.

BEFORE EXCAVATING, CALL U.S.A. 811 48 HOURS BEFORE ALL PLANNED WORK OPERATIONS.



DATE	9/22/2019
BY	1" = 40'
DESIGNER	30'
CHECKED	3/16/21
PROJECT	C2.0
SHEET	2
TOTAL SHEETS	2

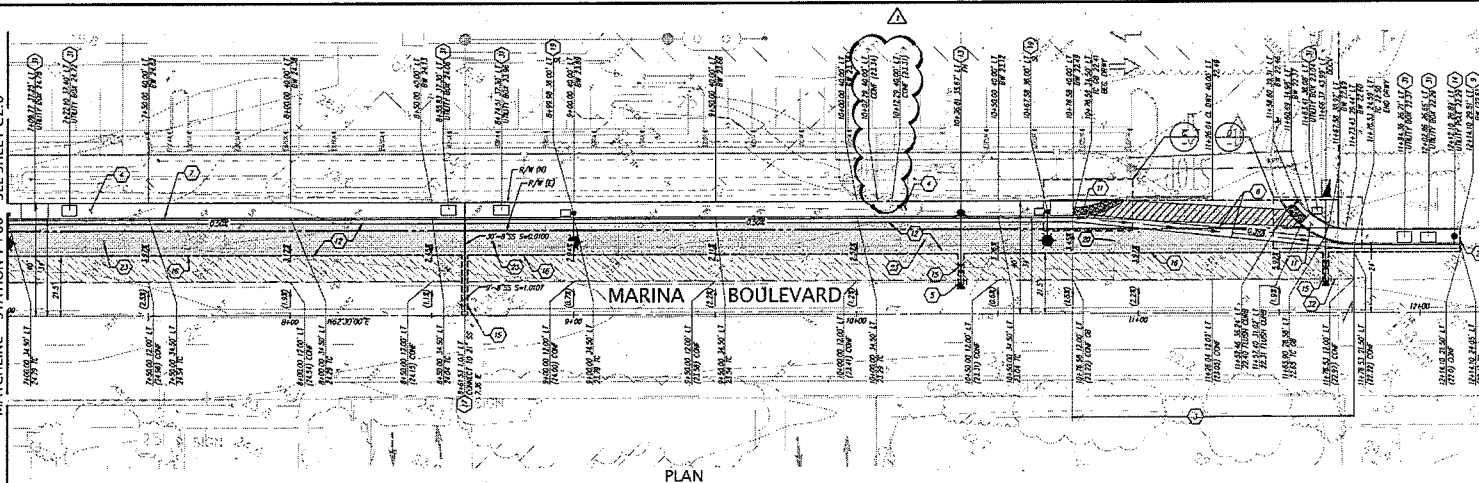
APPROVED	DESIGNED BY	DATE
	DETAILED BY	
	CHECKED BY	
	DATE	

KIER & WRIGHT
CIVIL ENGINEERS & SURVEYORS, INC.
2900 Gilroy Center Road
Gilroy, California 95020
Phone: 408.859.2317
Fax: 408.859.2876

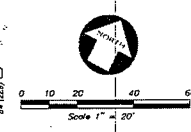
Original can be viewed at:
City of San Leandro, 835 East 14th Street, City Hall,
San Leandro, CA 94577

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MATCHLINE - STATION 7+00 - SEE SHEET C2.0



PLAN
SCALE: 1" = 20'



CONSTRUCTION KEYNOTES

- 1. NEW WATER METER PER EAST BAY MUNICIPAL UTILITY DISTRICT STANDARD 292-CA. SIZE PER PLAN. TO BE PERFORMED BY EBMUD.
- 2. NEW 1" SERVICE TAP PER EAST BAY MUNICIPAL UTILITY DISTRICT STANDARD 292-CA. TO BE PERFORMED BY EBMUD.
- 3. NEW DRAINWAY PER CITY OF SAN LEANDRO STD. 102.
- 4. CONSTRUCT 6" SIDEWALK PER CITY OF SAN LEANDRO DING NO. 103. EXISTING UTILITIES TO BE ADJUSTED TO GRADE AS NEEDED.
- 5. NEW 8" 20'00" (SEE # 8) FIRE SERVICE CONNECTION WITH REDUCER PER EAST BAY MUNICIPAL UTILITY DISTRICT STANDARD 292-CA. TO BE PERFORMED BY EBMUD.
- 6. CONSTRUCT VALLEY CUTTER PER CITY OF SAN LEANDRO STANDARD DING NO. 104.
- 7. CONSTRUCT 6" CURB AND GUTTER PER CITY OF SAN LEANDRO STANDARD DING NO. 100.
- 8. INSTALL 18" DIA BACKFLOW DEVICE PER EAST BAY MUNICIPAL UTILITY DISTRICT STANDARD 314-CA. CONTRACTOR TO COORDINATE WORK WITH EBMUD.
- 9. SAWCUT EXISTING SIDEWALK. CONFORM AT NEAREST SCORE JOINT AND MATCH EXISTING ELEVATION.
- 10. NEW WATER VALVE BOX PER EAST BAY MUNICIPAL UTILITY DISTRICT STANDARD 314-CA. TO BE PERFORMED BY EBMUD.
- 11. CONSTRUCT WELDED-CHAIR CURB CUT RAMP PER CITY OF SAN LEANDRO STANDARD DING NO. 100B TYPE D.
- 12. CONSTRUCT NEW AC PAVEMENT.
- 13. REMOVE AND REPLACE EXISTING FIRE HYDRANT WITH CUM-IRON BOX PER EAST BAY MUNICIPAL UTILITY DISTRICT STANDARD 340-50. TO BE PERFORMED BY EBMUD. HYDRANT PLACEMENT TO BE PER CITY OF SAN LEANDRO STANDARD PLAN 1012E.
- 14. NEW UTILITY POLE. SEE JOINT UTILITY PLAN.
- 15. TRENCH BACKFILL, RESURFACING AND MANHOLE COVER SHALL BE PER CITY OF SAN LEANDRO STANDARD DING NO. 103. TO LOC.
- 16. SAWCUT EXISTING AC PAVEMENT 1" MIN FROM EXISTING GUTTER.
- 17. INSTALL 6" LATERAL PER CITY SANITARY STANDARD DING NO. 100. USE 2" DIA ALUMINUM AND CONNECT TO EXISTING 24" MAIN WITH 120'-R/C CONNECTION.
- 18. INSTALL BACKFLOW PREVENTION DEVICE PER UNDERGROUND FIRE PROTECTION ACT IN ALAMEDA COUNTY EAST BAY MUNICIPAL UTILITY DISTRICT STANDARDS. CONTRACTOR TO COORDINATE WORK WITH EBMUD.
- 19. STREET LIGHT AND HANDHOLE INSTALLATION SHALL BE PER CITY OF SAN LEANDRO STANDARD PLANS SERIES 340. LIGHTING AND ELECTRICAL INSTALL STREET LIGHTS PER SHEET P4-1 AND P4-2. SEE SHEET C4.0 FOR SOUNDING.
- 20. REMOVE EXISTING FIRE SERVICE.
- 21. REMOVE EXISTING SEWER LATERAL.
- 22. SAWCUT SIDEWALK AT NEAREST JOINT.
- 23. REMOVE EXISTING JOINT UTILITY POLE AND RELOCATE EXISTING CUM-FRONT TO UNDERGROUND. CONTRACTOR TO COORDINATE W/ POLE. SEE JOINT UTILITY PLANS FOR DETAILS.
- 24. REMOVE EXISTING WATER METER. PERFORMED BY EBMUD.
- 25. REMOVE EXISTING BACKFLOW PREVENTOR.
- 26. ABANDON WATER SERVICE. PERFORMED BY EBMUD.
- 27. PROTECT SIGN IN PLACE IF POSSIBLE. IF NOT, REMOVE AND REINSTALL SIGN IN SAME LOCATION.
- 28. REMOVE EXISTING DOCK AND ENCLOSURE.
- 29. CONSTRUCT SIDEWALK PER CITY OF SAN LEANDRO DING NO. 103. EXISTING SIDEWALK.
- 30. CONSTRUCT 8" THICK DRAINWAY APPROACH PER CITY OF SAN LEANDRO STANDARD PLAN DING NO. 102.
- 31. UNDERGROUND UTILITY BOUL. SEE JOINT UTILITY PLAN.
- 32. ADJUST UTILITY TO GRADE.

SURVEY NOTES

1. BENCHMARK: CITY OF SAN LEANDRO MONUMENT DISE IN INTERSECTION OF MARINA COURT AND MARCO STREET. ELEVATION = 36.34. NAD 83.
2. BASIS OF BEARING:
THE BEARING OF NORTH 62° 30' 00" EAST TAKEN ON THE CENTER LINE OF MARINA BOULEVARD AS SHOWN ON THAT CERTAIN PARCEL MAP NUMBER 2278 FILED FOR RECORD ON DECEMBER 21, 1977, IN BOOK 88 OF MAPS AT PAGES 86-81, OFFICIAL RECORDS OF ALAMEDA COUNTY WAS TAKEN AS THE BASIS FOR ALL BEARINGS SHOWN HEREON.

SIGNAGE AND STRIPING

SEE SHEET C4.0 FOR STREET SIGNAGE AND STRIPING DETAILS.

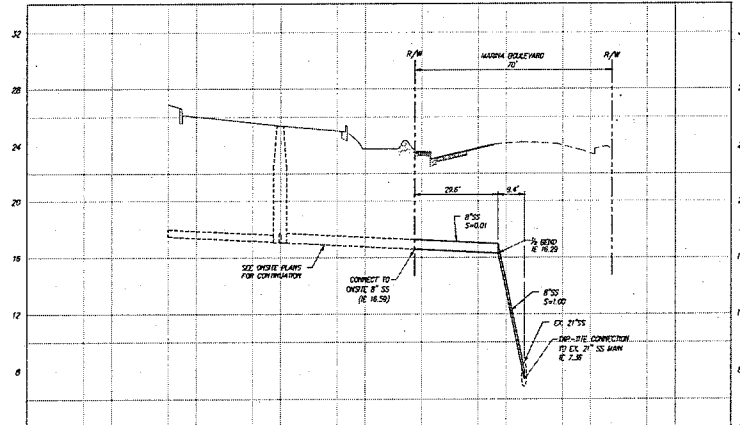
NOTICE TO CONTRACTORS

CONTRACTOR TO NOTIFY (USA UNDERGROUND SERVICE ALERT) AT 811 A MINIMUM OF 48 HOURS BEFORE BEGINNING UNDERGROUND WORK FOR VERIFICATION OF THE LOCATION OF UNDERGROUND UTILITIES

BEFORE EXCAVATING:
CALL 811 24 HOURS BEFORE ALL EXCAVATION WORK BEGINS.

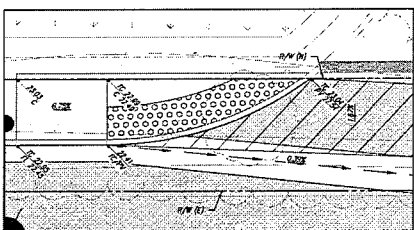


Know what's below.
Call before you dig.

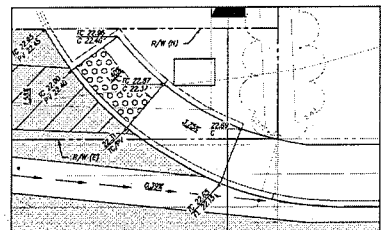


SEWER LATERAL PROFILE

1" = 20' HORIZONTAL
1" = 4' VERTICAL



DETAIL C
SCALE: 1" = 5'



DETAIL D
SCALE: 1" = 5'

DATE	05/25/2016
SCALE	1" = 20'
DRAWN BY	20'
CHECKED BY	20'
PROJECT NO.	1564-1
SHEET NO.	C2.1
TOTAL SHEETS	16

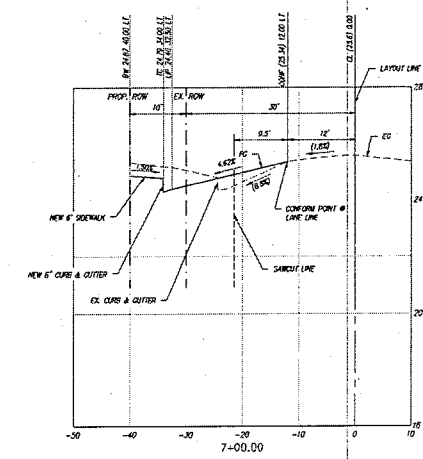
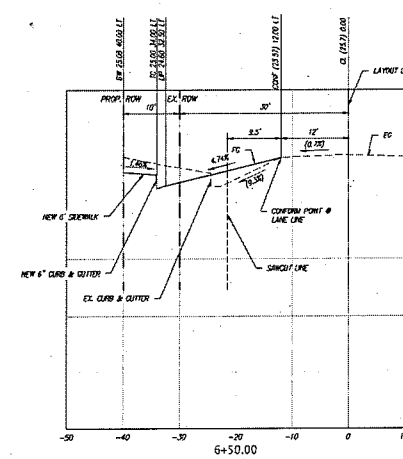
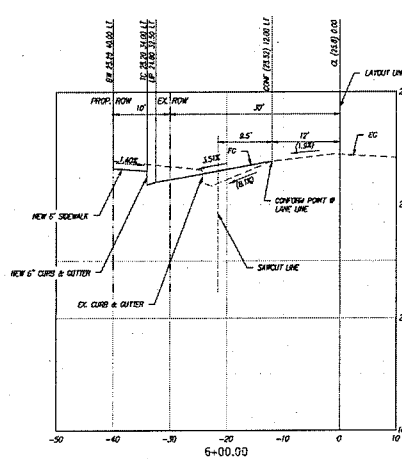
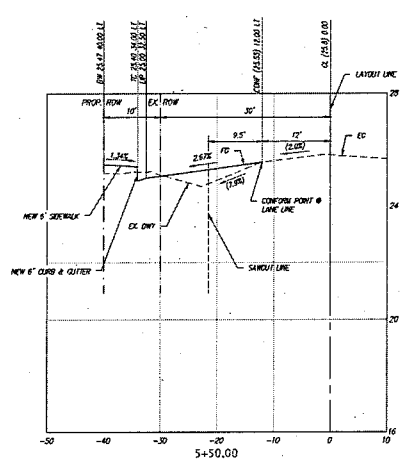
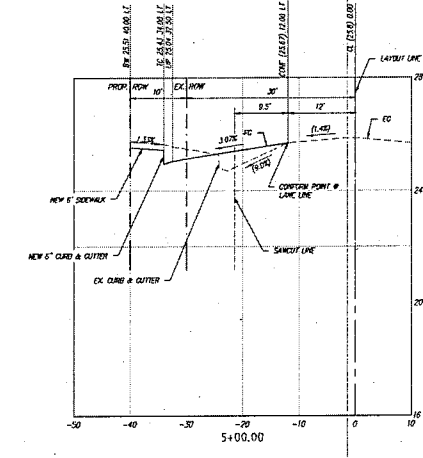
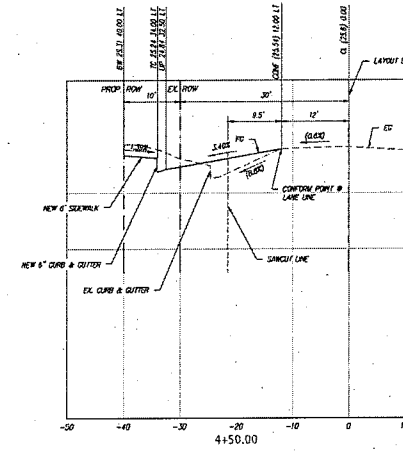
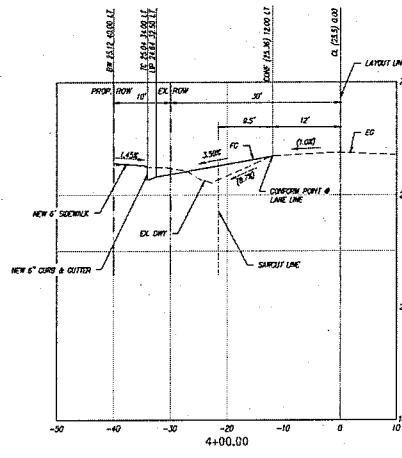
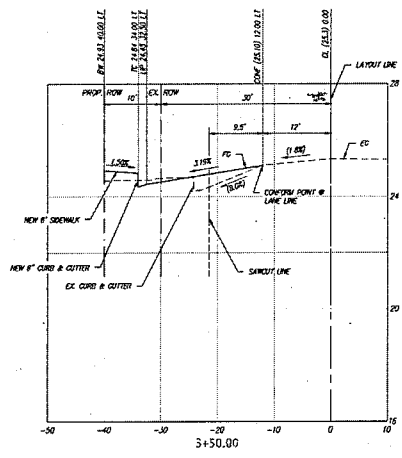
STREET IMPROVEMENT PLANS
2000 MARINA BOULEVARD
FOR
OM PROPERTIES
SAN LEANDRO, CALIFORNIA

KIER & WRIGHT
CIVIL ENGINEERS & SURVEYORS, INC.
1400 First Avenue East
Livermore, California 94551
Tel: (925) 217-0900

REGISTERED PROFESSIONAL ENGINEER
PA. 7355
STATE OF CALIFORNIA

Original can be viewed at:
City of San Leandro, 835 East 14th Street, City Hall,
San Leandro, CA 94577

C:\Users\jacob\Documents\Projects\2000 Marina Blvd\2000 Marina Blvd.dwg, 5-16-16, 03:22:42 PM, amplifiers



STREET CROSS-SECTIONS

1" = 10' HORIZONTAL
1" = 2' VERTICAL

DATE	5/25/2016		SCALE	AS SHOWN	SHEET	C2.2	TOTAL SHEETS	10
DESIGNER	J. WRIGHT		CHECKED	J. WRIGHT	DATE	5/16/16		
PROJECT	2000 MARINA BLVD		DRAWN	J. WRIGHT	DATE	5/16/16		
CITY	SAN LEANDRO		SCALE	AS SHOWN	DATE	5/16/16		

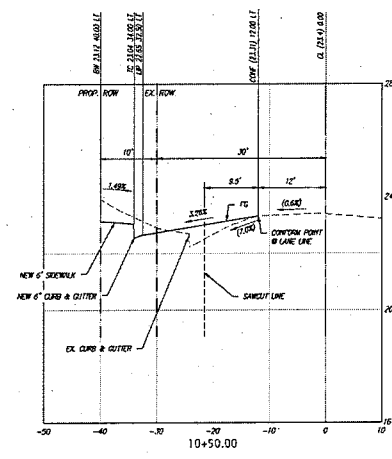
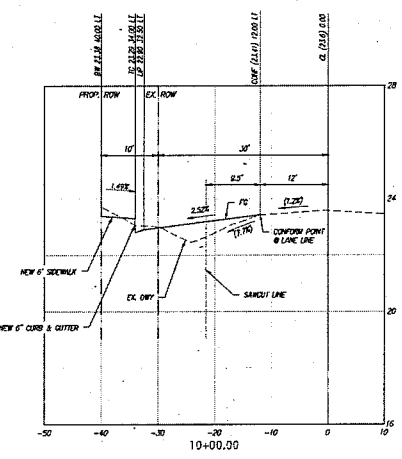
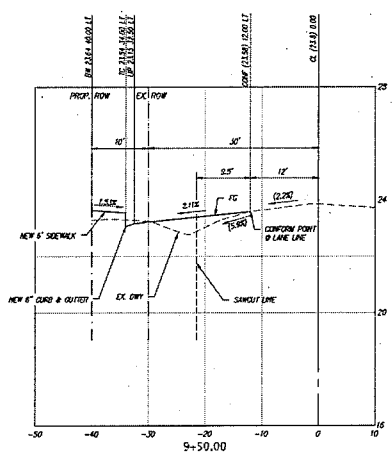
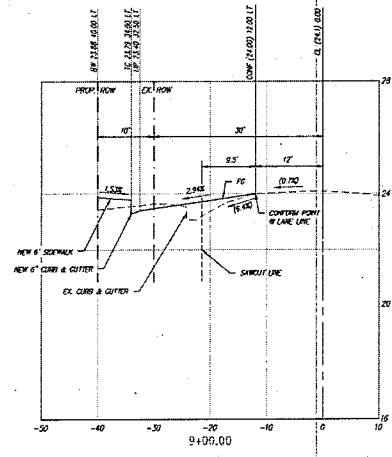
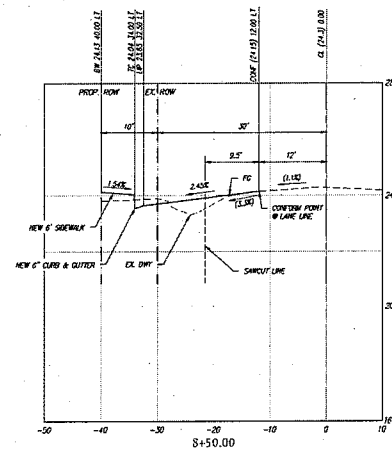
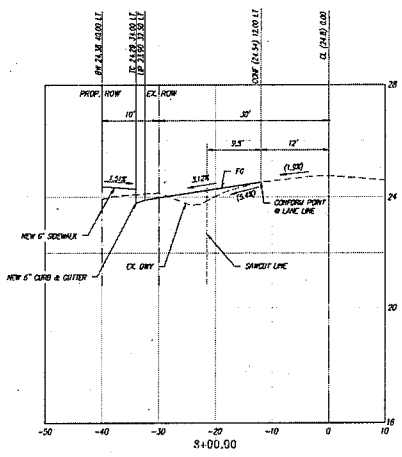
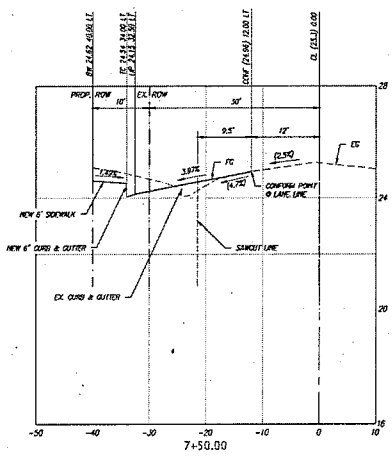
KIER & WRIGHT
 CIVIL ENGINEERS & SURVEYORS, INC.
 2800 Elmer Center Road
 San Leandro, California 94577
 Phone (925) 334-4752
 Fax (925) 214-0476

CROSS-SECTIONS OF
2000 MARINA BOULEVARD
 FOR
OM PROPERTIES

SAN LEANDRO, CALIFORNIA

Original can be viewed at:
 City of San Leandro, 835 East 14th Street, City Hall,
 San Leandro, CA 94577

C:\Users\mjb\Documents\Projects\2000 Marina Blvd\2000 Marina Blvd.dwg, 5/20/2010 10:44:44 AM, 10:44:44 AM, 10:44:44 AM



STREET CROSS-SECTIONS

1" = 10' HORIZONTAL
1" = 2' VERTICAL

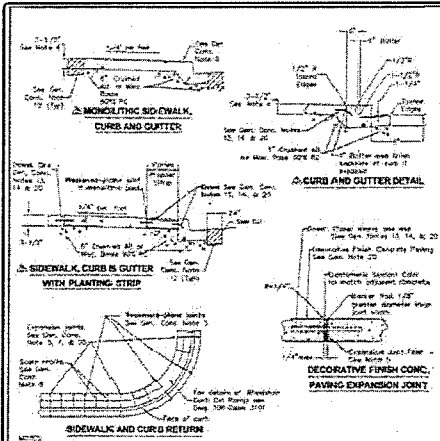
DATE	5/20/2010
BY	MSH/MSH
CHECKED BY	MSH
DESIGNED BY	MSH
DATE	5/20/2010
PROJECT	2000 MARINA BLVD
SHEET NO.	116/21
TITLE	C2.3
SCALE	AS SHOWN
DATE	5/20/2010
BY	MSH/MSH
CHECKED BY	MSH
DESIGNED BY	MSH
DATE	5/20/2010
PROJECT	2000 MARINA BLVD
SHEET NO.	116/21
TITLE	C2.3
SCALE	AS SHOWN
DATE	5/20/2010
BY	MSH/MSH
CHECKED BY	MSH
DESIGNED BY	MSH
DATE	5/20/2010
PROJECT	2000 MARINA BLVD
SHEET NO.	116/21
TITLE	C2.3
SCALE	AS SHOWN



KIER & WRIGHT
CIVIL ENGINEERS & SURVEYORS, INC.
P.O. Box 1000
San Leandro, CA 94577
Tel: (925) 436-8800

CROSS-SECTIONS
2000 MARINA BOULEVARD
FOR
OM PROPERTIES
SAN LEANDRO, CALIFORNIA

Original can be viewed at:
City of San Leandro, 835 East 14th Street, City Hall,
San Leandro, CA 94577



CITY OF SAN LEANDRO • STANDARD PLANS

CONCRETE CURB, CUTTER AND SIDEWALK

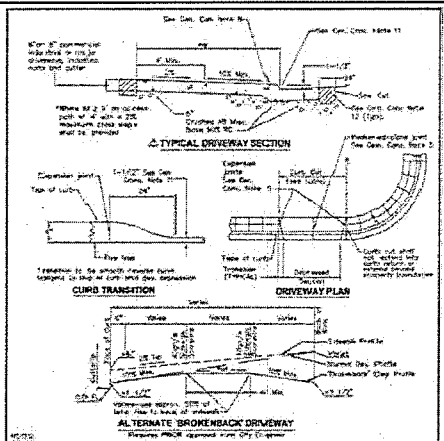
1. All work shall be done in accordance with the Standard Specifications for Public Works Construction, the "SPECIFICATIONS", the most current edition and all amendments thereto, adopted by the Southern California Chapter of the American Public Works Association and the Special Provisions (Technical Specifications) thereto adopted by the City.

2. Concrete Curbs and Cutters shall be constructed in accordance with the Standard Specifications for Concrete Curbs and Cutters, adopted by the City.

3. Concrete Curbs and Cutters shall be constructed in accordance with the Standard Specifications for Concrete Curbs and Cutters, adopted by the City.

4. Concrete Curbs and Cutters shall be constructed in accordance with the Standard Specifications for Concrete Curbs and Cutters, adopted by the City.

5. Concrete Curbs and Cutters shall be constructed in accordance with the Standard Specifications for Concrete Curbs and Cutters, adopted by the City.



CITY OF SAN LEANDRO • STANDARD PLANS

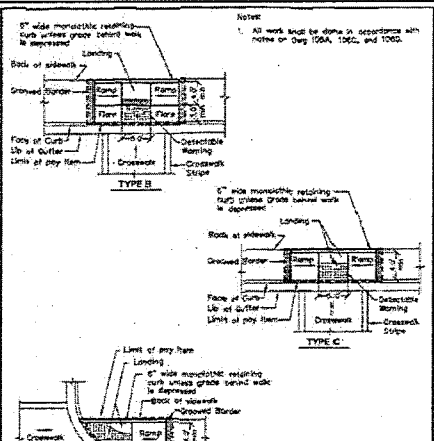
CONCRETE DRIVEWAY APPROACH

1. All work shall be done in accordance with the Standard Specifications for Public Works Construction, the "SPECIFICATIONS", the most current edition and all amendments thereto, adopted by the Southern California Chapter of the American Public Works Association and the Special Provisions (Technical Specifications) thereto adopted by the City.

2. Concrete Driveway Approaches shall be constructed in accordance with the Standard Specifications for Concrete Driveway Approaches, adopted by the City.

3. Concrete Driveway Approaches shall be constructed in accordance with the Standard Specifications for Concrete Driveway Approaches, adopted by the City.

4. Concrete Driveway Approaches shall be constructed in accordance with the Standard Specifications for Concrete Driveway Approaches, adopted by the City.



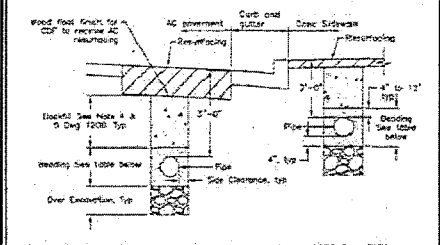
CITY OF SAN LEANDRO • STANDARD PLANS

THREE CHAIR CURB CUT RAMP TYPE B, C & D

1. All work shall be done in accordance with the Standard Specifications for Public Works Construction, the "SPECIFICATIONS", the most current edition and all amendments thereto, adopted by the Southern California Chapter of the American Public Works Association and the Special Provisions (Technical Specifications) thereto adopted by the City.

2. Three Chair Curb Cut Ramps shall be constructed in accordance with the Standard Specifications for Three Chair Curb Cut Ramps, adopted by the City.

3. Three Chair Curb Cut Ramps shall be constructed in accordance with the Standard Specifications for Three Chair Curb Cut Ramps, adopted by the City.



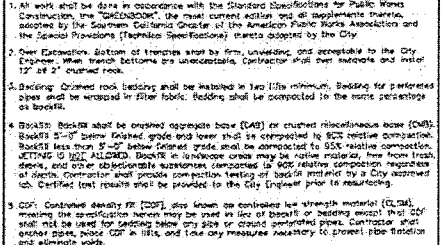
CITY OF SAN LEANDRO • STANDARD PLANS

TRENCH BACKFILL

1. All work shall be done in accordance with the Standard Specifications for Public Works Construction, the "SPECIFICATIONS", the most current edition and all amendments thereto, adopted by the Southern California Chapter of the American Public Works Association and the Special Provisions (Technical Specifications) thereto adopted by the City.

2. Trench Backfill shall be constructed in accordance with the Standard Specifications for Trench Backfill, adopted by the City.

3. Trench Backfill shall be constructed in accordance with the Standard Specifications for Trench Backfill, adopted by the City.



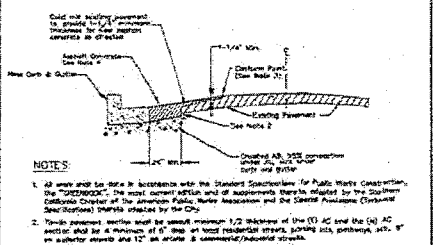
CITY OF SAN LEANDRO • STANDARD PLANS

TRENCH BACKFILL NOTES

1. All work shall be done in accordance with the Standard Specifications for Public Works Construction, the "SPECIFICATIONS", the most current edition and all amendments thereto, adopted by the Southern California Chapter of the American Public Works Association and the Special Provisions (Technical Specifications) thereto adopted by the City.

2. Trench Backfill shall be constructed in accordance with the Standard Specifications for Trench Backfill, adopted by the City.

3. Trench Backfill shall be constructed in accordance with the Standard Specifications for Trench Backfill, adopted by the City.



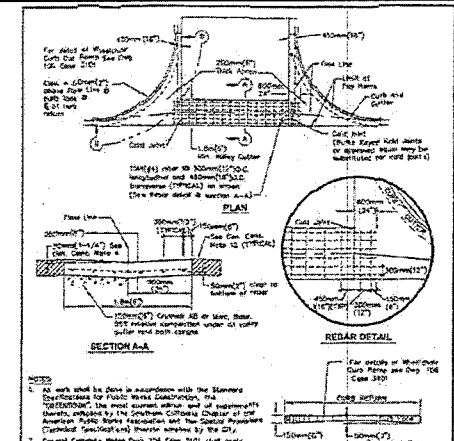
CITY OF SAN LEANDRO • STANDARD PLANS

SIGN INSTALLATION AND MOUNTING DETAIL

1. All work shall be done in accordance with the Standard Specifications for Public Works Construction, the "SPECIFICATIONS", the most current edition and all amendments thereto, adopted by the Southern California Chapter of the American Public Works Association and the Special Provisions (Technical Specifications) thereto adopted by the City.

2. Sign Installation and Mounting shall be constructed in accordance with the Standard Specifications for Sign Installation and Mounting, adopted by the City.

3. Sign Installation and Mounting shall be constructed in accordance with the Standard Specifications for Sign Installation and Mounting, adopted by the City.



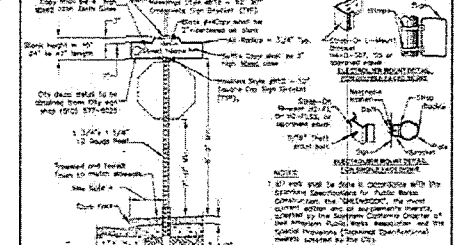
CITY OF SAN LEANDRO • STANDARD PLANS

VALLEY CUTTER

1. All work shall be done in accordance with the Standard Specifications for Public Works Construction, the "SPECIFICATIONS", the most current edition and all amendments thereto, adopted by the Southern California Chapter of the American Public Works Association and the Special Provisions (Technical Specifications) thereto adopted by the City.

2. Valley Cutters shall be constructed in accordance with the Standard Specifications for Valley Cutters, adopted by the City.

3. Valley Cutters shall be constructed in accordance with the Standard Specifications for Valley Cutters, adopted by the City.



CITY OF SAN LEANDRO • STANDARD PLANS

SIGN INSTALLATION AND MOUNTING DETAIL

1. All work shall be done in accordance with the Standard Specifications for Public Works Construction, the "SPECIFICATIONS", the most current edition and all amendments thereto, adopted by the Southern California Chapter of the American Public Works Association and the Special Provisions (Technical Specifications) thereto adopted by the City.

2. Sign Installation and Mounting shall be constructed in accordance with the Standard Specifications for Sign Installation and Mounting, adopted by the City.

3. Sign Installation and Mounting shall be constructed in accordance with the Standard Specifications for Sign Installation and Mounting, adopted by the City.

CITY OF SAN LEANDRO • STANDARD PLANS

TRENCH BACKFILL

Item	Description	Material	Quantity
1	Backfill	Crushed Rock	1.00
2	Backfill	Crushed Rock	1.00
3	Backfill	Crushed Rock	1.00
4	Backfill	Crushed Rock	1.00
5	Backfill	Crushed Rock	1.00
6	Backfill	Crushed Rock	1.00
7	Backfill	Crushed Rock	1.00
8	Backfill	Crushed Rock	1.00
9	Backfill	Crushed Rock	1.00
10	Backfill	Crushed Rock	1.00

CITY OF SAN LEANDRO • STANDARD PLANS

TRENCH BACKFILL NOTES

Item	Description	Material	Quantity
1	Backfill	Crushed Rock	1.00
2	Backfill	Crushed Rock	1.00
3	Backfill	Crushed Rock	1.00
4	Backfill	Crushed Rock	1.00
5	Backfill	Crushed Rock	1.00
6	Backfill	Crushed Rock	1.00
7	Backfill	Crushed Rock	1.00
8	Backfill	Crushed Rock	1.00
9	Backfill	Crushed Rock	1.00
10	Backfill	Crushed Rock	1.00

CITY OF SAN LEANDRO • STANDARD PLANS

PAYMENT ITEM

Item	Description	Material	Quantity
1	Backfill	Crushed Rock	1.00
2	Backfill	Crushed Rock	1.00
3	Backfill	Crushed Rock	1.00
4	Backfill	Crushed Rock	1.00
5	Backfill	Crushed Rock	1.00
6	Backfill	Crushed Rock	1.00
7	Backfill	Crushed Rock	1.00
8	Backfill	Crushed Rock	1.00
9	Backfill	Crushed Rock	1.00
10	Backfill	Crushed Rock	1.00

CITY OF SAN LEANDRO • STANDARD PLANS

SIGN INSTALLATION AND MOUNTING DETAIL

Item	Description	Material	Quantity
1	Backfill	Crushed Rock	1.00
2	Backfill	Crushed Rock	1.00
3	Backfill	Crushed Rock	1.00
4	Backfill	Crushed Rock	1.00
5	Backfill	Crushed Rock	1.00
6	Backfill	Crushed Rock	1.00
7	Backfill	Crushed Rock	1.00
8	Backfill	Crushed Rock	1.00
9	Backfill	Crushed Rock	1.00
10	Backfill	Crushed Rock	1.00

DETAILS OF 2000 MARINA BOULEVARD FOR OM PROPERTIES

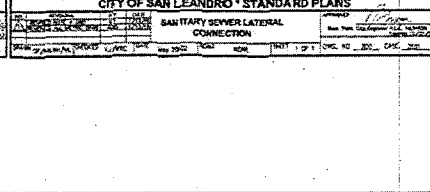
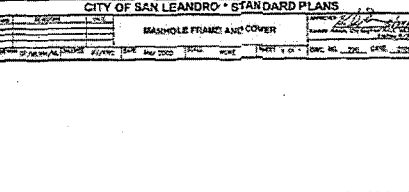
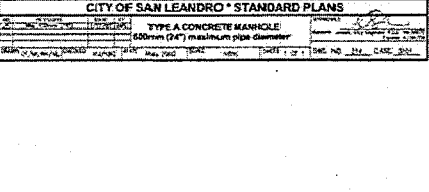
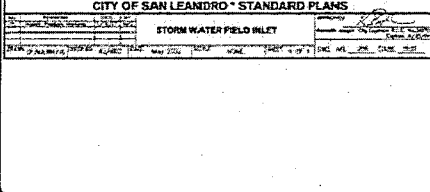
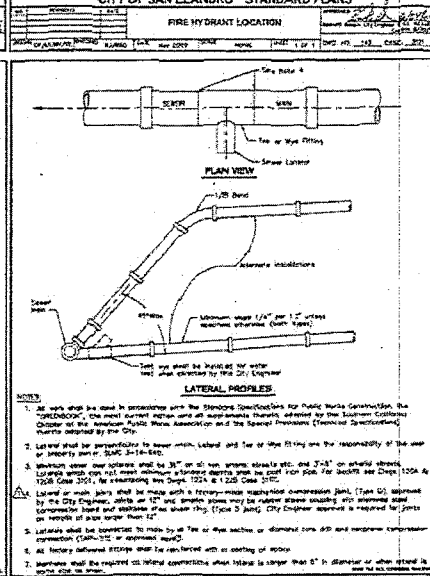
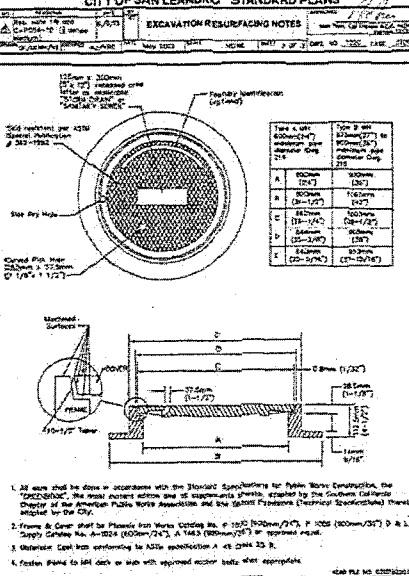
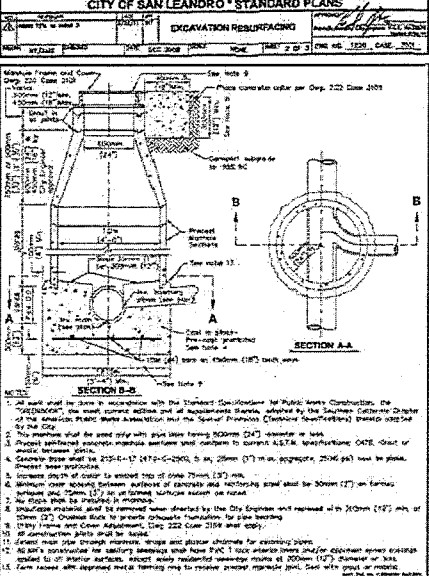
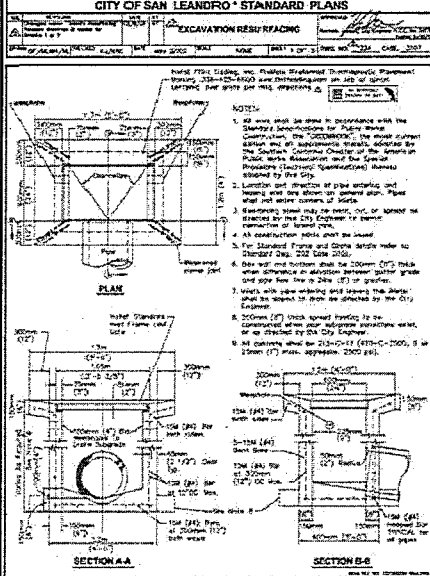
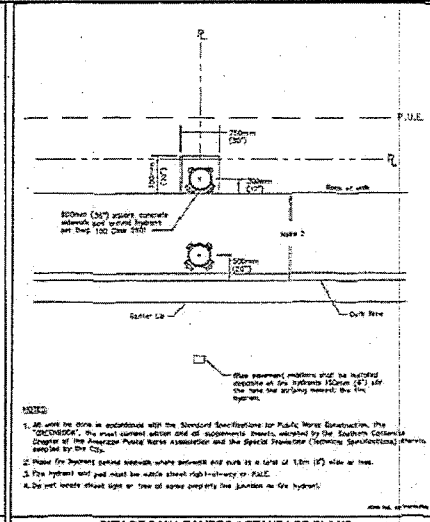
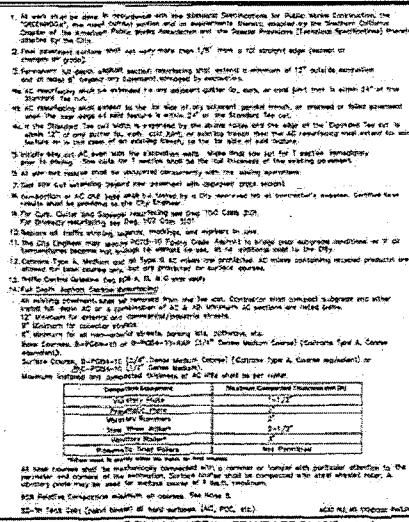
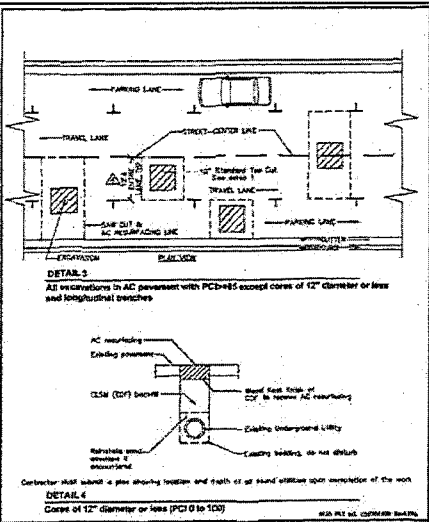
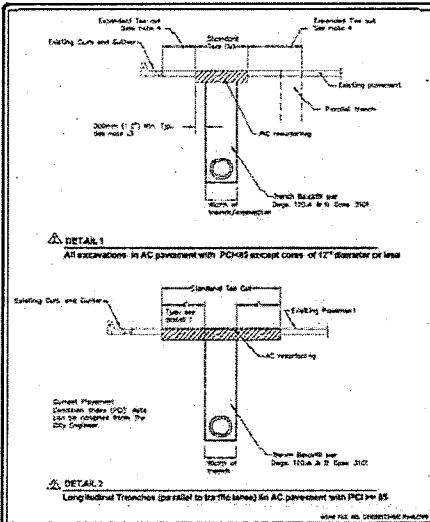
KIER & WRIGHT
CIVIL ENGINEERS & SURVEYORS, INC.
2450 CHERRY STREET, SUITE 200
SAN LEANDRO, CALIFORNIA 94769-2000
TEL: (925) 436-1100
FAX: (925) 436-1101

CITY OF SAN LEANDRO

DATE: 01/25/2018
BY: N.M.
CHECKED: N.M.
DESIGNED: N.M.
DRAWN: N.M.
SCALE: 1/8" = 1'-0"

C3.0

Original can be viewed at:
City of San Leandro, 835 East 14th Street, City Hall,
San Leandro, CA 94577



DETAILS of 2000 MARINA BOULEVARD FOR OM PROPERTIES

FOR SAN LEANDRO, CALIFORNIA

PREPARED BY: KIMBER & WRIGHT CIVIL ENGINEERS & SURVEYORS, INC. 10000 California Blvd., Suite 100, San Diego, CA 92123

DATE: 02/25/2008

PROJECT: N/A

DRAWN BY: N/A

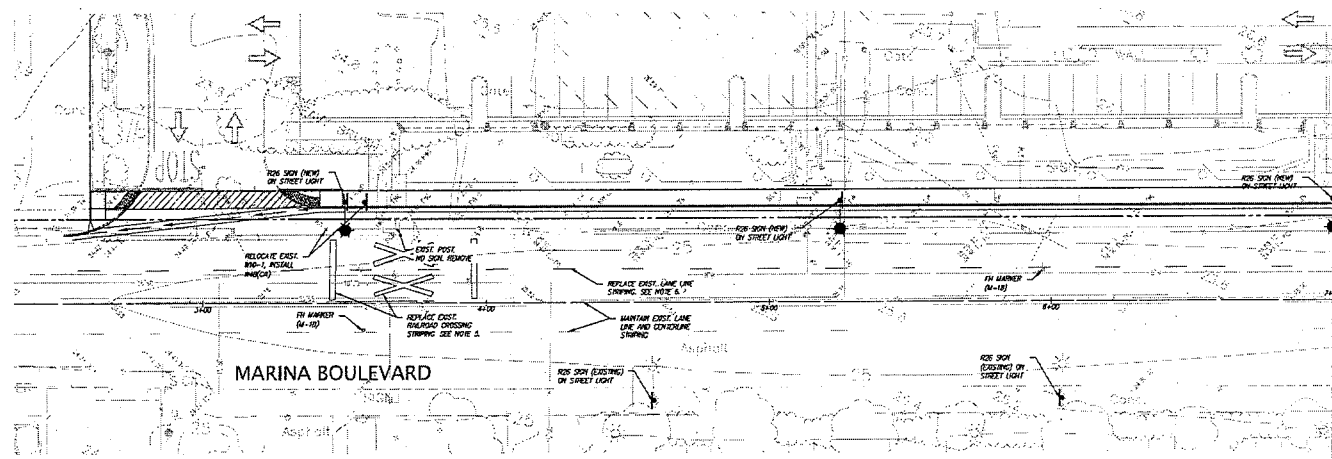
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SCALE: N/A

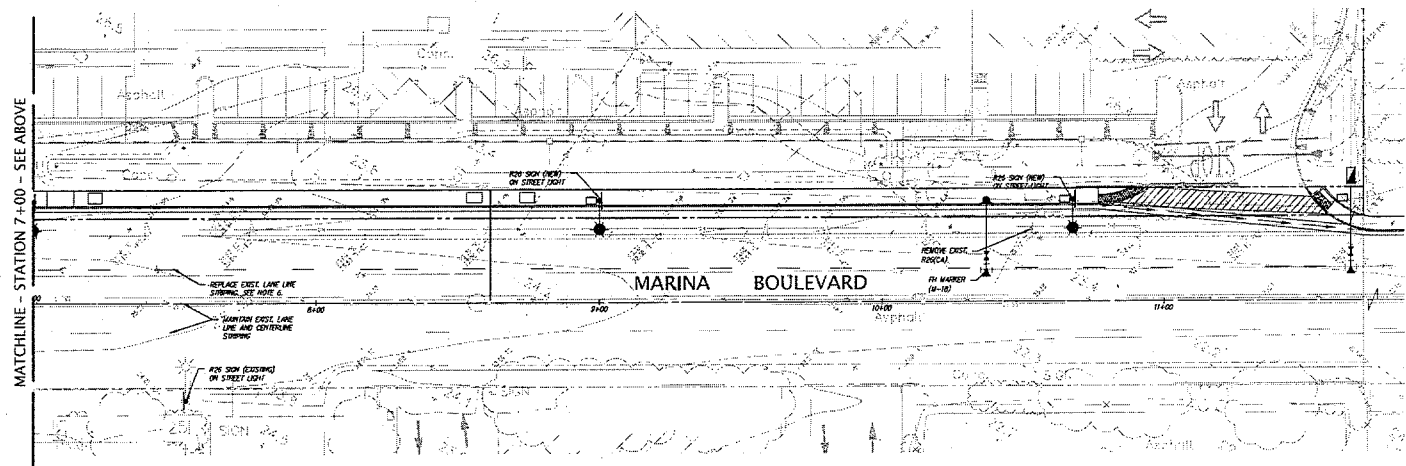
SHEET: C3.1

TOTAL SHEETS: 7

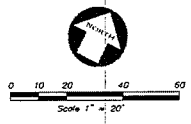
Original can be viewed at:
City of San Leandro, 835 East 14th Street, City Hall,
San Leandro, CA 94577



PLAN
SCALE 1" = 20'



- SIGNAGE AND STRIPING NOTES**
1. FINE MEDIUM SHALL BE PLACED TOWARD FACE OF CURB PER CITY OF SAN LEANDRO STANDARD PLAN (SP) NO. 102.
 2. RESURFACING AND SIGNAGE ALL EXISTING "NO PARKING" SIGNS RETURN BALANCED SIGNS TO CITY OF SAN LEANDRO PUBLIC WORKS DEPARTMENT LOCATED AT 14200 CHAPMAN ROAD.
 3. INSTALL NEW "NO TRUCK PARKING" SIGNS SIMILAR TO EXISTING SIGNS ON THE SOUTH SIDE OF MARINA BOULEVARD. SIGNS ARE TO BE INSTALLED ON EACH PROPOSED STREET LIGHT POLE.
 4. ALL STREET SIGNS ARE TO BE PLACED PER CITY OF SAN LEANDRO STANDARD PLAN (SP) NO. 102.
 5. RAISED CROSSING PAVEMENT MARKINGS ON NORTH SIDE OF MARINA BOULEVARD EAST OF (EXIST) SHAW-WORTH ROAD CROSSING MUST BE REINSTALLED PER CA MUTED FIG. 301-104 AND WHITE PAVEMENT MARKINGS SHALL BE EXTENDED TO NEW TOP OF CURB.
 6. EXISTING DETAIL TO LINE LINE PAVEMENT MARKINGS ALONG NORTH SIDE OF MARINA BOULEVARD SHALL BE REINSTALLED PER CA MUTED FIG. 301-102 (04).



NOTICE TO CONTRACTORS
 CONTRACTOR TO NOTIFY USA (UNDERGROUND SERVICE ALERT) AT 811 A MINIMUM OF 48 HOURS BEFORE BEGINNING UNDERGROUND WORK FOR VERIFICATION OF THE LOCATION OF UNDERGROUND UTILITIES

BEFORE EXCAVATING
 CALL 811 AT 48 HOURS
 BEFORE ALL EXPOSED UTILITIES
 OPERATIONS



DATE	5/2/25-2/2025
BY	W/ME
CHKD BY	SP
DESIGNED BY	SP
DATE PLOTTED	5/2/25
SHEET	C4.0
TOTAL SHEETS	7

SIGNING & STRIPING PLAN
2000 MARINA BOULEVARD
 FOR
OM PROPERTIES
 SAN LEANDRO, CALIFORNIA

KIER & WRIGHT
 CIVIL ENGINEERS & SURVEYORS, INC.
 2850 Colton Court Road
 Livermore, California 94551
 Phone: (925) 255-4226
 Fax: (925) 255-4896

REGISTERED PROFESSIONAL ENGINEER & SURVEYOR
 No. 70887
 STATE OF CALIFORNIA

Original can be viewed at:
 City of San Leandro, 835 East 14th Street, City Hall,
 San Leandro, CA 94577

DRY UTILITIES

2000 Marina Blvd. San Leandro, CA

Sheet Index

Sheet	Title
Sheet 1	Joint Trench Composite
Sheet 2	Joint Trench Composite
Sheet 3	Joint Trench Composite
Sheet 4	PG&E Standards
Sheet 5	PG&E Electric Rule 20
Sheet 6	PG&E Electric Rule 20
Sheet 7	PG&E New Electric Service
Sheet 8	Preliminary Gas Service
Sheet 9	AT&T Substructures and Conduits
Sheet 10	AT&T Substructures and Conduits
Sheet 11	Comcast Substructures and Conduits
Sheet 12	Comcast Substructures and Conduits
Sheet 13	San Leandro Fiber Substructures and Conduits
Sheet 14	San Leandro Fiber Substructures and Conduits
Sheet 15	Streetlight Photometric
Sheet 16	San Leandro Streetlight Specifications
Sheet 17	Streetlight Substructures and Conduits
Sheet 18	Streetlight Substructures and Conduits



VICINITY MAP

CONSTRUCTION NOTES:

- ALL TRENCHING, BACKFILLING AND INSTALLATION BY CONTRACTOR MUST COMPLY WITH PG&E (NO STANDARD 55465 (EFFECTIVE DATE 7-31-2015).
- ALL WORK MUST COMPLY WITH P.C. & E. TELEPHONE C.A.T.V. STANDARDS AND PRACTICES. ALL WORK MUST BE INSPECTED AND APPROVED BY RESPECTIVE INSPECTORS. RANDOM SOIL SAMPLES SHALL BE TAKEN FROM A MINIMUM OF THREE LOCATIONS PER 1,000' OF TRENCH. 100% OF THE SAMPLE MUST PASS THROUGH A 2" SIEVE AND 75% MUST PASS THROUGH A #4 SCREEN. ADDITIONAL SAMPLES MUST BE TAKEN IF EXISTING SOIL CONDITIONS CHANGE AND IS TO BE AT THE DISCRETION OF THE PG&E REPRESENTATIVE ON SITE. THE SOILS MUST NOT CONTAIN ANY ROCKS THAT HAVE SHARP EDGES OR THAT MAY OTHERWISE BE ABRASIVE. THE SOILS MUST NOT CONTAIN CLODS LARGER THAN 1" TO BE USED AS SHADING. EXISTING OR LEVELING MATERIALS, COMPACTOR REQUIREMENTS MUST MEET ANY APPLICABLE P.C.& E. FEDERAL, STATE, COUNTY OR LOCAL REQUIREMENTS. ANY NATIVE SOILS OR IMPORT MATERIALS USED MUST NOT VIOLATE THESE PROVISIONS.
- BACKFILL SHALL BE APPROVED BY THE UTILITY COMPANIES AND THE CITY. COMPACTOR WILL BE TESTED AND PASSED BY THE SOILS ENGINEER.
- IF SOIL IS NOT ROCK FREE, ADD 4" DEPTH OF TRENCH FOR SAND BEDDING.
- UTILITY SPURCE BOX LOCATION SHALL WITH SUPPLIERS(S)
- THE TRENCHING CONTRACTOR SHALL COORDINATE THE UTILITY COMPANIES' INSTALLATION.
- CONTRACTOR SHALL MAKE HIMSELF FAMILIAR WITH THE PROJECT IMPROVEMENT PLANS AND CONDUCT HIS WORK ACCORDINGLY.
- IT IS THE TRENCHING CONTRACTOR'S RESPONSIBILITY TO PROTECT IN PLACE ALL EXISTING FACILITIES. NO EXTRA PAYMENT WILL BE CONSIDERED FOR CROSSING OTHER SYSTEMS.
- PG&E DESIGN ASSUMES NO RESPONSIBILITY FOR THE PROJECT CONDITIONS. THESE DRAWINGS WERE PREPARED USING DATA SUPPLIED BY PG&E, TELEPHONE, C.A.T.V. IMPROVEMENT PLANS AND THE CITY'S VARIOUS "AS BUILT" INFORMATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PHYSICALLY REVIEW THE PROJECT PRIOR TO SUBMITTING HIS BIDS.
- CONTRACTOR WILL COMPLY WITH ALL LAWS, ORDINANCES AND REGULATIONS. CONTRACTOR SHALL BE FAMILIAR WITH U.S.A., INDUSTRIAL SAFETY ORDERS AND SHALL CONDUCT HIS WORK ACCORDINGLY. WHEN WORKING NEAR ENERGIZED OR "HOT" EQUIPMENT, THE UTILITY OWNER SHALL BE NOTIFIED TO SUPPLY THE APPROPRIATE MAIN POWER, PUBLIC SAFETY AND WARNING CONE PLACEMENTS ARE THE CONTRACTOR'S RESPONSIBILITY.
- THE CONTRACTOR SHALL PROTECT CONSTRUCTION STAKING. HE SHALL COORDINATE STAKING WITH THE PROJECT'S CIVIL ENGINEER.
- CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) TWO WORKING DAYS PRIOR TO START OF WORK.
- CONTRACTOR SHALL NOTIFY INSPECTORS OF ANY POTENTIAL CONFLICTS PRIOR TO START OF WORK.
- THIS PLAN IS TO BE USED FOR SOLE PURPOSE OF DIGGING THE JOINT TRENCH. SEE PLANS, AT&T, AND COMCAST PLANS FOR EXACT SIZE AND NUMBER OF CONDUITS INSTALLED IN THE JOINT TRENCH. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE CORRECT NUMBER, SIZE AND TYPES OF CONDUITS ARE INSTALLED PER THE ENGINEERED PLANS BY EACH UTILITY COMPANY.
- NOTE PLANS ISSUED AT THE PRE-CONSTRUCTION MEETING MAY BE SUBJECT TO REVISIONS. IF FINAL PLANS FROM EACH UTILITY COMPANY WERE NOT AVAILABLE AT THE START OF CONSTRUCTION.
- WATER, SEWER, DRAINS, SANITARY WASTE, FUELS (INCLUDING DIESEL AND GASOLINE), OIL, PROPANE AND OTHER VOLATILE HEAVIER THAN AIR GASES, SPRINKLER, BACKFLOW, STEAM AND OTHER "WET" FACILITIES SHALL MAINTAIN A MINIMUM OF THREE FEET FROM THE NEAREST OUTER SURFACE OF PG&E FACILITIES WITH NO LESS THAN ONE FOOT OF EARTH (SOIL BARRIER) BETWEEN THE ADJACENT SIDES OF THE INDIVIDUAL TRENCHES.
- IN THE EXTRAORDINARY CASE THAT THE MINIMUM THREE FOOT HORIZONTAL SEPARATION CANNOT BE ATTAINED BETWEEN "WET" UTILITIES AND COMPANY DRY FACILITIES, A VARIANCE MAY APPROVED BY THE LOCAL INSPECTION SUPERVISOR AND SUBMITTED TO SERVICE PLANNING SUPPORT PROGRAM MANAGER FOR APPROVAL.
- ALL METER PANELS, INDIVIDUAL, RESIDENTIAL, OR NONRESIDENTIAL APPLICANTS WITH A METER PANEL RATING OF ANY SIZE, INSTALLED INSIDE A METER ROOM OR OTHER STRUCTURE, MUST FOLLOW ALL OF THE REQUIREMENTS DESCRIBED BELOW:
 - INSTALL OWN AND MAINTAIN A SEPARATE, NOMINAL 2-INCH DIAMETER CONDUIT WITH PULL TAPE INSIDE THE CONDUIT AND PULL TAPE MUST EXTEND FROM THE OUTSIDE SURFACE OF THE BUILDING AND TERMINATE OUTSIDE THE METER PANEL OR OUTPOST AT THE TOP OF THE METER SECTION.
 - ENSURE THE 2-INCH DIAMETER CONDUIT AND PULL TAPE EXIT THE OFFSIDE OF THE BUILDING A MINIMUM OF 8 FEET AND A MAXIMUM OF 10 FEET ABOVE GROUND. THE FREE END OF THE CONDUIT THAT IS EXPOSED TO THE OUTSIDE MUST HAVE A REMOVABLE, TEMPORARY CAP OR PLUG.
 - DO NOT USE THE CONDUIT. THE CONDUIT IS FOR PG&E'S METERING EQUIPMENT ONLY.
- THIS JOINT TRENCH PLAN WAS PREPARED BASED ON TOPOGRAPHICAL SURVEY AS PROVIDED BY A CIVIL ENGINEER. THE CONTRACTOR IS CAUTIONED THAT EXPLORATORY WORK IS NECESSARY TO DETERMINE THE ACTUAL LOCATION OF ANY EXISTING UTILITY. RISK STRONGLY RECOMMENDS THAT ALL UTILITIES BE PHYSICALLY LOCATED ON THE SITE BEFORE THE ONSET OF SITE WORK. SUBSTRUCTURE LOCATIONS MAY REQUIRE FIELD ADJUSTMENT TO COORDINATE FOR ACTUAL EXISTING UTILITY LOCATIONS.

GENERAL NOTES:

- THE PREFERRED TRENCH LOCATION IS IN A PUBLIC UTILITY EASEMENT (P.U.E.).
- ALL DEPTHS AND RESULTING COVER REQUIREMENTS ARE MEASURED FROM FINAL GRADE.
- COVER, CLEARANCES, AND SEPARATION SHALL BE AS GREAT AS PRACTICABLE UNDER THE CIRCUMSTANCES, BUT UNDER NO CIRCUMSTANCES SHALL BE LESS THAN THE MINIMUM COVER, CLEARANCE, AND SEPARATION REQUIREMENTS SET FORTH IN GENERAL ORDER 178 AND ADOP 192.321, ADOP 192.326, AND ADOP 192.373. ALL FACILITIES SHALL BE ANCHORED IN PLACE PRIOR TO COMPACTOR, OR OTHER MEANS SHALL BE TAKEN TO ENSURE NO MOTION OF THE FACILITIES. DIMENSIONAL REQUIREMENTS FOR SHADING, LEVELING, AND BACKFILLING SHALL BE DETERMINED SUBSEQUENT TO COMPACTOR.
- TRENCH DIMENSIONS SHOWN ARE TYPICAL. TRENCH DEEPS AND CONFIGURATIONS MAY VARY DEPENDING UPON OCCUPANCY AND/OR FIELD CONDITIONS. TRENCH SIZE AND CONFIGURATION MUST AT ALL TIMES BE CONSTRUCTED IN A MANNER THAT ENSURES PROPER CLEARANCES AND COVER REQUIREMENTS ARE MET. ANY "CHANGE" TO THE TRENCH WIDTH AND CONFIGURATIONS AS SHOWN IN THIS SHEET MUST BE REQUESTED TO ENSURE THIS REQUIREMENT.
- IT IS PREFERRED TO HAVE NON-PG&E OWNED STREETS/LIGHTS AT A LEVEL OTHER THAN THE GAS OR ELECTRIC LEVEL. NON-PG&E OWNED STREETS/LIGHTS MAY BE AT THE ELECTRIC LEVEL OF THE TRENCH AS LONG AS MINIMUM CLEARANCES ARE PROVIDED AND COMPLY WITH ALL SPECIAL NOTES FOR A JOINT TRENCH WITH A SECOND ELECTRIC UTILITY.
- NON-UTILITY FACILITIES ARE NOT ALLOWED IN ANY JOINT UTILITY TRENCH, E.G., IRRIGATION CONTROL LINES, BUILDING FIRE ALARM SYSTEMS, PRIVATE TELEPHONE SYSTEMS, OUTDOOR ELECTRICAL CABLE, ETC.
- WHEN COMMUNICATION DUCTS ARE INSTALLED, A MINIMUM OF 12" RADIAL SEPARATION SHALL BE MAINTAINED FROM GAS FACILITIES. EXCEPTION WITH MUTUAL AGREEMENT, WHEN 4-INCH DIAMETER OR SMALLER GAS PIPE IS INSTALLED, THE SEPARATION MAY BE REDUCED TO NOT LESS THAN 6 INCHES.
- PROVIDE SEPARATION FROM TRENCH WALL AND OTHER FACILITIES SUFFICIENT TO ENSURE PROPER COMPACTOR.
- MAINTAIN PROPER SEPARATION BETWEEN PG&E FACILITIES AND "WET" UTILITY LINES AS DESCRIBED IN IJO STANDARD 55465. THE MINIMUM ALLOWABLE HORIZONTAL SEPARATION BETWEEN COMPANY FACILITIES AND "WET" FACILITIES IS 3' WITH A MINIMUM 1' OF UNDISTURBED EARTH FOR THE INSTALLATION OF A SUITABLE BARRIER BETWEEN THE FACILITIES. IF A HORIZONTAL SEPARATION IS NOT ATTAINABLE, THE CONTRACTOR SHALL SUBMIT A VARIANCE TO THE LOCAL INSPECTION SUPERVISOR AND SUBMITTED TO THE SERVICE PLANNING SUPPORT PROGRAM MANAGER FOR APPROVAL. SEPARATIONS OF 6" OR LESS ARE NOT PERMISSIBLE AND WILL NOT BE ALLOWED. THE COMPANY MAY ACCEPT TO HAVE THE MINIMUM 3' SEPARATION REQUIREMENT AT THE REQUEST OF AN APPLICANT IF WARRANTED AND THE NEED IS JUSTIFIED. THE REQUEST FOR A VARIANCE MUST:
 - BE MADE IN WRITING AND SUBMITTED TO THE COMPANY AIDE DURING THE PLANNING AND DESIGN PHASE OF THE PROJECT.
 - CLEARLY DESCRIBE THE CONDITIONS NECESSITATING THE VARIANCE.
 - INCLUDE A PROPOSED DESIGN AND INCLUDE A DESIGNER FOR A BARRIER BETWEEN THE "WET" UTILITIES AND COMPANY DRY FACILITIES IN THE EVENT 1' OF UNDISTURBED EARTH CANNOT BE MAINTAINED. NOTE: DOWN LINES CONNECTED TO DOWNPOSTS OR BUILDINGS ARE CONSIDERED A "WET" UTILITY FOR THE PURPOSES OF THIS STANDARD.
- SEPARATIONS SHALL BE MAINTAINED AT ABOVEGROUND TERMINATION POINTS.
- PROCEDURES FOR APPROVING NATIVE BACKFILL FOR SHADING OF PG&E GAS FACILITIES:
 - RANDOM SOIL SAMPLES SHALL BE TAKEN FROM A MINIMUM OF 3 LOCATIONS PER 1,000' OF TRENCH. 100% OF THE SAMPLE MUST PASS THROUGH A 1/2" SIEVE AND 75% MUST PASS THROUGH A #4 SCREEN. ADDITIONAL SAMPLES MUST BE TAKEN IF EXISTING SOIL CONDITIONS CHANGE AND ARE TO BE TAKEN AT THE DISCRETION OF THE PG&E REPRESENTATIVE ON SITE.
 - THE SOILS MUST NOT CONTAIN ANY ROCKS THAT HAVE SHARP EDGES OR THAT MAY OTHERWISE BE ABRASIVE.
 - THE SOILS MUST NOT CONTAIN CLODS LARGER THAN 1/2" IF TO BE USED AS SHADING, BEDDING, OR LEVELING MATERIALS.
 - COMPACTOR REQUIREMENTS MUST MEET ANY APPLICABLE PG&E, FEDERAL, STATE, COUNTY OR LOCAL REQUIREMENTS.
 - AT NO TIME SHALL THE OVER SATURATION OF NATIVE SOILS BE USED TO ACHIEVE THESE REQUIREMENTS.
 - THE SIEVES AND SCREENS SHALL BE:
 - 1/2" SIEVE: 6" DIAMETER BY 2' DEEP, STAINLESS STEEL MESH SCREEN.
 - #4 SCREEN: 8" DIAMETER BY 2' DEEP, STAINLESS STEEL MESH SCREEN.
- PROCEDURES FOR APPROVING NATIVE BACKFILL FOR SHADING OF PG&E ELECTRIC FACILITIES:
 - RANDOM SOIL SAMPLES SHALL BE TAKEN FROM A MINIMUM OF 3 LOCATIONS PER 1,000' OF TRENCH. ADDITIONAL SAMPLES MUST BE TAKEN IF EXISTING SOIL CONDITIONS CHANGE AND ARE TO BE TAKEN AT THE DISCRETION OF THE PG&E REPRESENTATIVE ON SITE.
 - SHADING MATERIAL CONTAINING LARGE ROCKS, FRINGE MATERIAL, CONCRETES, SHARPLY ANGULAR SUBSTANCES, OR CORROSIVE MATERIAL SHALL NOT BE PLACED IN THE MOUND WHERE SUCH MATERIAL MAY DAMAGE THE CONDUITS AND/OR PREVENT PROPER COMPACTOR OVER OR AROUND THE CONDUITS.
 - NATIVE SOILS CONTAINING CLODS NOT TO EXCEED 6" IN DIAMETER MAY BE INCLUDED IN THE SHADING MATERIAL PROVIDED THE CLODS ARE READILY BREAKABLE BY HAND. NOTE: SOILS CONSISTING PRIMARILY OF ADHESIVE, HARD COMPACT (DENSE) CLAY, AND BAY MUDS SHALL NOT BE USED AS SHADING MATERIAL.
 - AT NO TIME SHALL THE OVER SATURATION OF NATIVE SOILS BE USED TO ACHIEVE THESE REQUIREMENTS.
 - REFER TO ENGINEERING DOCUMENT 052826, ITEM 1.3 ON PAGE 2.
- COMPETENT NATIVE SOILS ARE PREFERRED TO BE USED FOR SHADING, BEDDING, AND BACKFILLING THROUGHOUT THE TRENCH.
 - WHERE NATIVE SOILS EXCEED 1/2" MINUS AND/OR WHERE GAS IS TO BE PLACED AT THE BOTTOM OF A TRENCH IN AREAS THAT EXCEED 1/2" MINUS SOIL CONDITIONS, OR WHERE THE BOTTOM OF A TRENCH IS CONSIDERED TO CONSIST OF HARD PAN, PG&E APPROVED 1/2" MINUS IMPORT MATERIAL SHALL BE USED FOR SHADING AND/OR BEDDING OF GAS FACILITIES.
 - PG&E APPROVED IMPORT MATERIAL IS PER CGI ENGINEERING GUIDELINE 4123.
 - IF A LEVING COURSE IS REQUIRED FOR GAS FACILITIES, THE USE OF NATIVE SOILS IS PREFERRED, BUT IF 1/2" MINUS CONDITIONS ARE NOT ATTAINABLE WITH THE NATIVE SOILS, THEN THE USE OF PG&E APPROVED IMPORT MATERIAL IS REQUIRED. BEDDING UNDER GAS FACILITIES WILL BE A MAXIMUM OF 2" OF COMPACTED 1/2" MINUS NATIVE SOILS OR PG&E APPROVED IMPORT MATERIAL.
 - FOR ELECTRIC FACILITIES, REFER TO NOTE 12. THIS APPLIES TO LEVELING COURSES AS WELL AS SHADING.
 - THE MINIMUM PG&E APPROVED BEDDING MATERIAL MAY BE INCREASED AT THE DISCRETION OF PG&E WHEN WARRANTED BY EXISTING FIELD CONDITIONS (E.G., ROCKY SOILS, HARD PAN, ETC.).
 - THE USE OF ANY IMPORTED MATERIAL FOR BACKFILLING PURPOSES SHALL BE LIMITED TO THOSE SITUATIONS WHEN NATIVE SOILS DO NOT ALLOW FOR REQUIRED COMPACTOR.
- THE APPLICANT IS RESPONSIBLE FOR THE REMOVAL OF EXCESS SPILL AND ASSOCIATED COSTS.
- SEPARATION BETWEEN GAS FACILITIES AND ELECTRIC FACILITIES MAY BE REDUCED TO 6" WHEN CROSSING.
- SERVICE CABLES ARE THE PREFERRED SERVICE FITTINGS FOR USE THROUGHOUT THE JOINT TRENCH PROJECT. ALL PROJECTS WILL BE DESIGNED AND EXPANDED FOR SERVICE CABLES. HOWEVER, SERVICE TEES MAY BE USED IF ALL CLEARANCES, SEPARATION, AND COVERAGE REQUIREMENTS ARE MAINTAINED.
- CONTRACTOR TO INCREASE METER SPACING AS NECESSARY WHEN EARTHQUAKE VALVES OR OTHER ADDITIONAL SAFETY EQUIPMENT ARE REQUIRED. EARTHQUAKE VALVES ARE REQUIRED IN SOME AREAS AND ARE NOT PART OF PG&E/RGA SCOPE. THIS INFORMATION CAN BE FOUND ON BUILDING INFORMATION ENGINEERS' PLANS. PG&E STANDARD METER SPACING REQUIREMENTS DO NOT INCLUDE CLEARANCE FOR EARTHQUAKE VALVES.

SUBSTRUCTURE VERIFICATION STAMP

DEVELOPER
PLEASE NOTE AND SIGN

ALL PG&E ENCLOSURES AND BOXES HAVE BEEN SET TO GRADE ACCORDING TO GRADE SHEETS PROVIDED BY DEVELOPER. ENGINEER HAS REVIEWED ALL SET RELIEFS OR RE-ADJUST BOXES AT A LATER DATE WILL BE BILLED TO THE DEVELOPER. PLEASE HAVE YOUR SIGN FOR THE CORRECT GRADE OF ALL ENCLOSURES OR BOXES, AND SIGN AND DATE DRAWING.

THANK YOU

SIGNED _____
DATE _____

UTILITY APPROVALS		
UTILITY	APPROVED BY	DATE
PG&E ELECTRIC	Rommie Bourgools	Jan 2, 2018
PG&E GAS	RSWZ	Oct 12, 2017
AT&T (PHONE)	Joseph LeVigne	
COMCAST (CATV)	Joseph Grinnott	
CITY ENGINEER	Vijah Dashmukh	

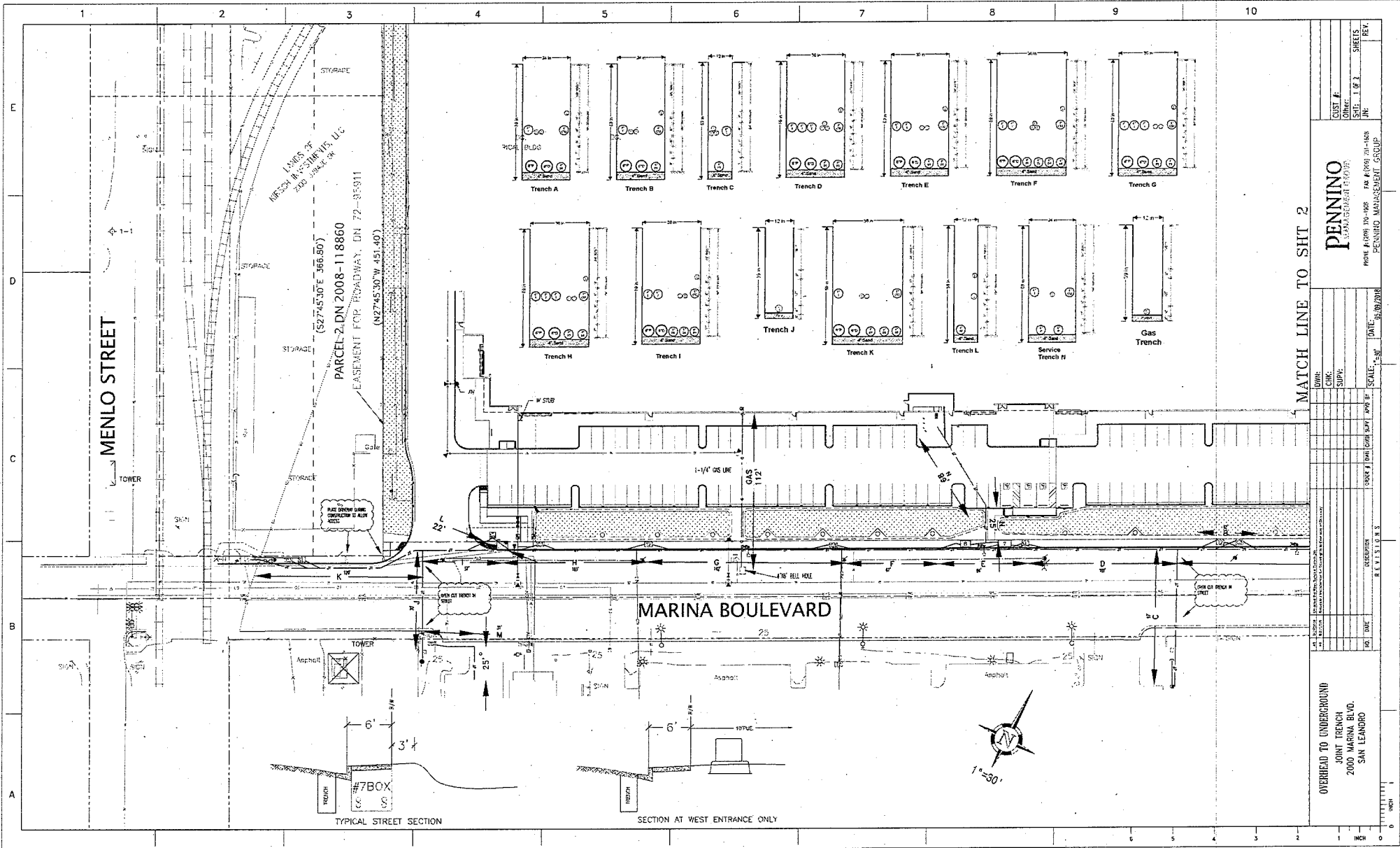
PENNINO
Professional Engineer
No. 10001-008-008 (R) (R) 1/1/18
PG&E (R) 10001-008-008 (R) (R) 1/1/18
PENNING MANAGEMENT GROUP

DATE: 5/18/18
SCALE: 1"=30'
SHEET: 1 OF 19
JOB NO: 18001-008-008

**Joint Trench Composite
Title Sheet
OMP - 2000 Marina Blvd
San Leandro, CA**

Original can be viewed at:
City of San Leandro, 835 East 14th Street, City Hall,
San Leandro, CA 94577

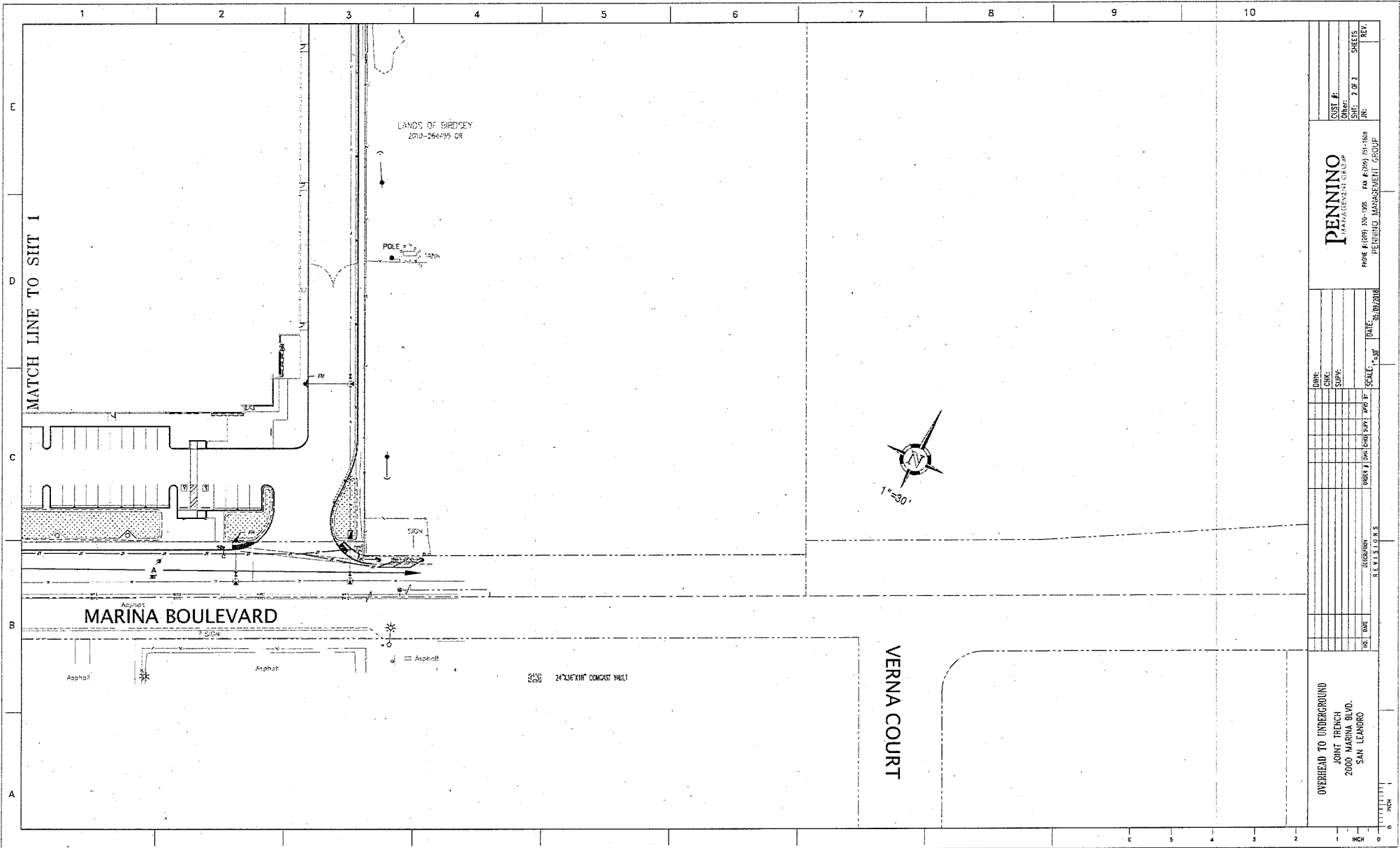
JOINT TRENCH



PENNINGO MANAGER GROUP PHONE: (925) 251-1655 FAX: (925) 251-1656 PENNINGO.MANAGEMENT.GROUP	DATE: 05/09/2018	SCALE: 1"=30'	NO. 1	DATE	DESCRIPTION	REV.
	DATE	NO. 2	DATE	DESCRIPTION	REV.	
	DATE	NO. 3	DATE	DESCRIPTION	REV.	

Original can be viewed at:
 City of San Leandro, 835 East 14th Street, City Hall,
 San Leandro, CA 94577

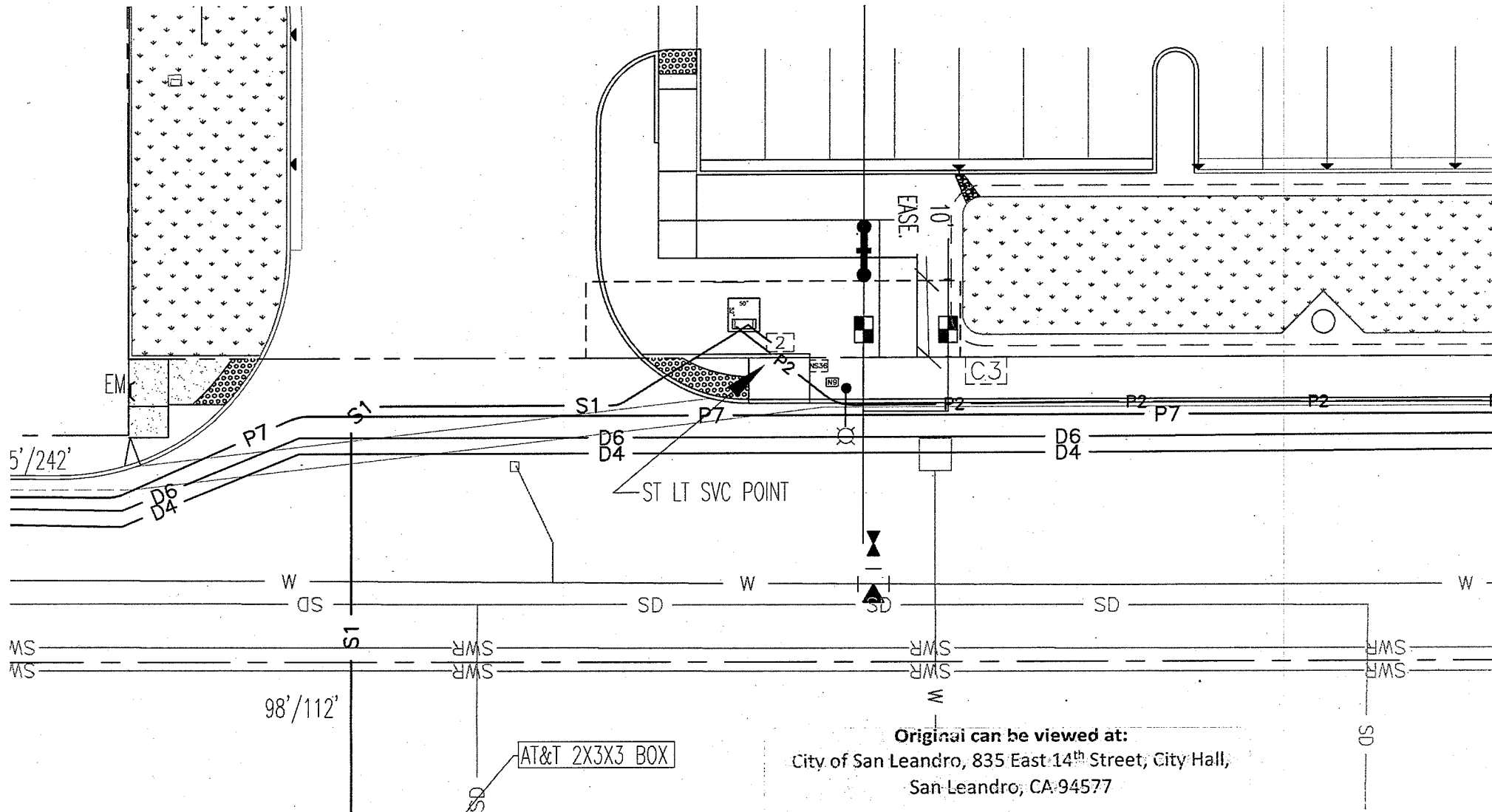
JOINT TRENCH



PENNINO MANAGEMENT GROUP PHONE: (925) 935-1225 FAX: (925) 935-1226 PENNINO MANAGEMENT GROUP		DATE: 05/18/2018 SCALE: AS SHOWN SHEET: 7 OF 7
DWG: _____ CHK: _____ SUPV: _____	DES. DATE: _____ REVISIONS: _____ 0 1 2 3 4 5 6 INCH	PROJECT: _____ SHEET: _____

Original can be viewed at:
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 San Leandro, CA 94577

Revision #8 (with #7 PG&E Vault Removed Update)



DRY UTILITIES

Revision #8 (with #7 PG&E Vault Removed Update)

GENERAL NOTES:

1. REFER TO THE GENERAL AND SPECIAL CONDITIONS DRAWINGS FOR A COMPLETE LIST OF THE GENERAL AND SPECIAL CONDITIONS.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES LOCATED UNDER OR ADJACENT TO THE CONSTRUCTION SITE.

3. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES LOCATED UNDER OR ADJACENT TO THE CONSTRUCTION SITE.

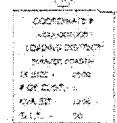
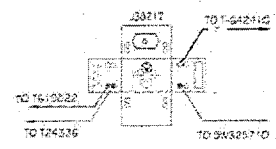
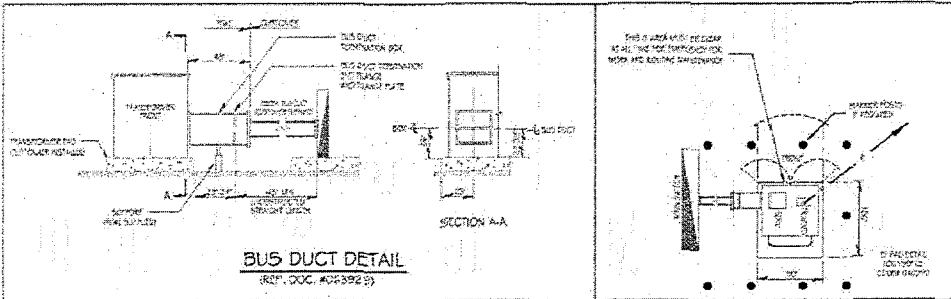
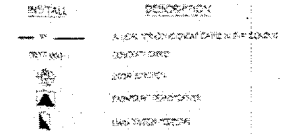
4. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES LOCATED UNDER OR ADJACENT TO THE CONSTRUCTION SITE.

5. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES LOCATED UNDER OR ADJACENT TO THE CONSTRUCTION SITE.

FOR YOUR GENERAL INFORMATION ONLY GO TO:
WWW.PGAND.ELECTRIC.COM

GROUP	NO.	DESCRIPTION	QUANTITY	UNIT
1	1	BUS DUCT	1	EA
2	1	CONDUIT	1	EA
3	1	TERMINAL BOX	1	EA
4	1	TRIP UNIT	1	EA
5	1	WIRE	1	EA

LEGEND



MENLO ST

MARINA BLVD



Original can be viewed at:
City of San Leandro, 835 East 14th Street, City Hall,
San Leandro, CA 94577

CONSTRUCTION DRAWING

FILE # 147
ADDRESS: MARINA BLVD
SAN LEANDRO

DATE: 05/18/2018
DRAWN BY: [NAME]
CHECKED BY: [NAME]
APPROVED BY: [NAME]

PROJECT: [NAME]
SHEET NO. 7 OF 19

CONTRACTOR NOTE:

1. PG&E 4' X 6' BELL HOLE MUST BE SECURED WITH STEEL PLATES FOR THE DURATION SUCH THAT THEY DO NOT MOVE BECAUSE OF PASSING VEHICLES.
2. STEEL PLATES MUST BE SKID RESISTANT.

Pacific Gas & Electric Company
Gas Service Record
PG&E 10-0000-10-001

GAS SERVICE RECORD

Special Facilities: (P) 1056 (G) 1057 (G) 1058

Class Location: 1 2 3 4 No. of Floors: _____

Map No. 12 Well No. 11507574 PW Order No. 31544289 Link No. _____ S.G. No. _____

Verbal Part No. 3-01 Block 2 City SAN LEANDRO Address 2000 MARINA BLVD

Written Applicant/Trade Name _____ Lot No. _____ Est. L.A.H. ID: _____ Date Issued: 10/12/17

PROPOSED EXISTING FACILITY: MAOP: 50 PSIG / W.C. _____

Insert: No Yes Double
Casing size & material: _____
Casing size & material: _____
Casing size & material: _____

Use Type: NEW SERVICE SERVICE COMPLETION BRANCH SERVICE

REG. NO. _____

CONVERT TO MAIN: CURB METER METER CHANGE METERED

UPGRADE: AT MAIN AT P/A AT BRANCH

REPLACEMENT: PARALLEL COMPLETE

INSPECTION: AT MAIN AT P/A AT BRANCH

ALTER / INSPECTION: AT MAIN AT P/A AT BRANCH

WELDING INSPECTION PER PG&E No. Doc. 0-40

LOCATING WIRE CONNECTIONS: MAIN BRANCH CHASER SVC

TERM. AT: Banded Strapped to Row Terminated

LOCATING CP SYSTEMS: RESE REFLY REFLY

TERM. AT: Banded Strapped to Row Terminated

TEST DATA (Per No. Doc. 4-34)

STUB: _____ PSIG for _____ Minutes

Foreman L.A.H. ID: _____ Signature _____ Date _____

COMPLETION: _____ PSIG for _____ Minutes

Foreman L.A.H. ID: _____ Signature _____ Date _____

For review covering with an MSRP above 50 PSIG, attach a copy of the Strength Test Pressure Report.

CAUTION: **AND REMAINS IN-CHARGE UNTIL THE WORK IS COMPLETED AND THE SYSTEM IS RESTORED TO SERVICE. THE USER MUST CHECK FOR RESIDUAL WORK.**

RECTOR: _____ DATE: _____

2000 MARINA BLVD.

ROT

WALKWAY

LANDSCAPE

3" HP STEEL-12"

490'

MARINA BLVD.

SEE DWG. #2 FOR METER SET INFORMATION

APPLICANT TO: 1 OF 2

DO ALL TRENCHING & BACKFILLING.

INSTALL 152' OF 1" 1/4 HP PL GAS SERVICE (#16078).

INSTALL A 1 1/4" SERVICE VALVE (#635278) IN A FRAME & COVER.

INSTALL (1) 1 1/4" X 1 1/4" RISER W/BYPASS (#041037).

INSTALL 4" METER PROTECTION POSTS AS NEEDED PER G.S.&S. G-9S.

PG&E TO:

TIE-IN TO AN EXISTING 3" STL MAIN. INSTALL A 1 1/4" MUELLER SERVICE TEE (#022423).

INSTALL A 1 1/4" ELECTROFUSION COUPLER (#02654).

INSTALL A 1 1/4" STL TO 1 1/4" PL TRANSITION FITTING (#029804).

INSTALL AN ITRON B838 2" X 2" REG. / MON. (#052100).

INSTALL A 5/8" ROTARY GAS METER.

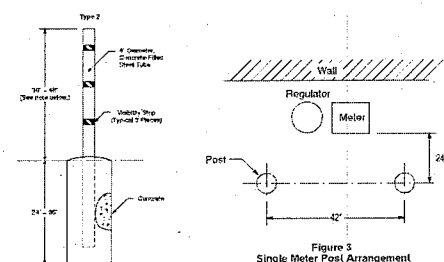
PRESSURE SET ZONE: 2

ELEVATION: 27'

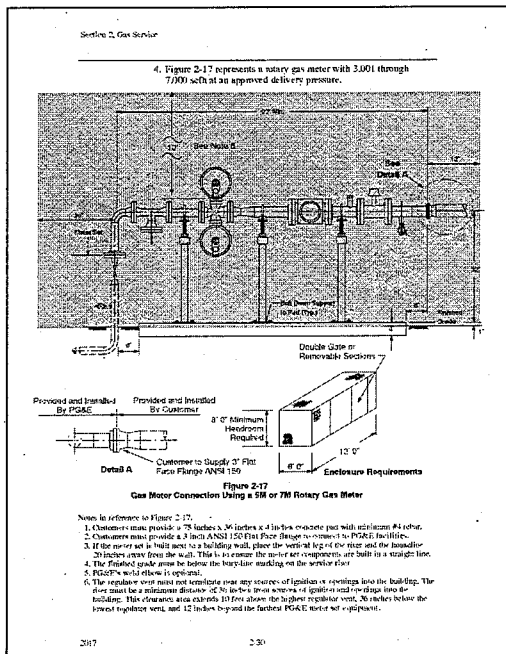
STD BAROMETER: 14.53

PSIG: 2 #

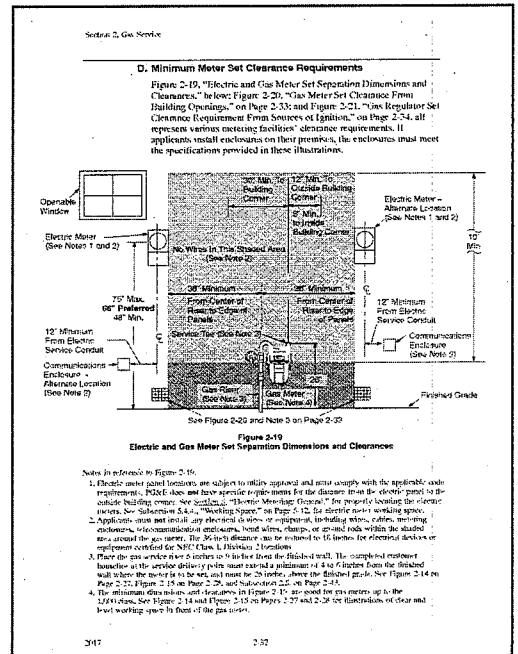
MULTIPLIER: 1.136



Note: Post should extend 5" above the top edge of the meter set, but not to exceed maximum height above grade.



4. Figure 2-17 represents a rotary gas meter with 3,001 through 7,000 sqft at an approved delivery pressure.



D. Minimum Meter Set Clearance Requirements

Figure 2-19, "Electric and Gas Meter Set Separation Dimensions and Clearances," below Figure 2-20, "Gas Meter Set Clearance From Building Obstructions," on Page 2-33 and Figure 2-21, "Gas Regulator Set Clearance Requirement From Sources of Ignition," on Page 2-34, all represent various existing facilities' clearance requirements. If applicants install enclosures on their premises, the enclosures must meet the specification requirements in these illustrations.

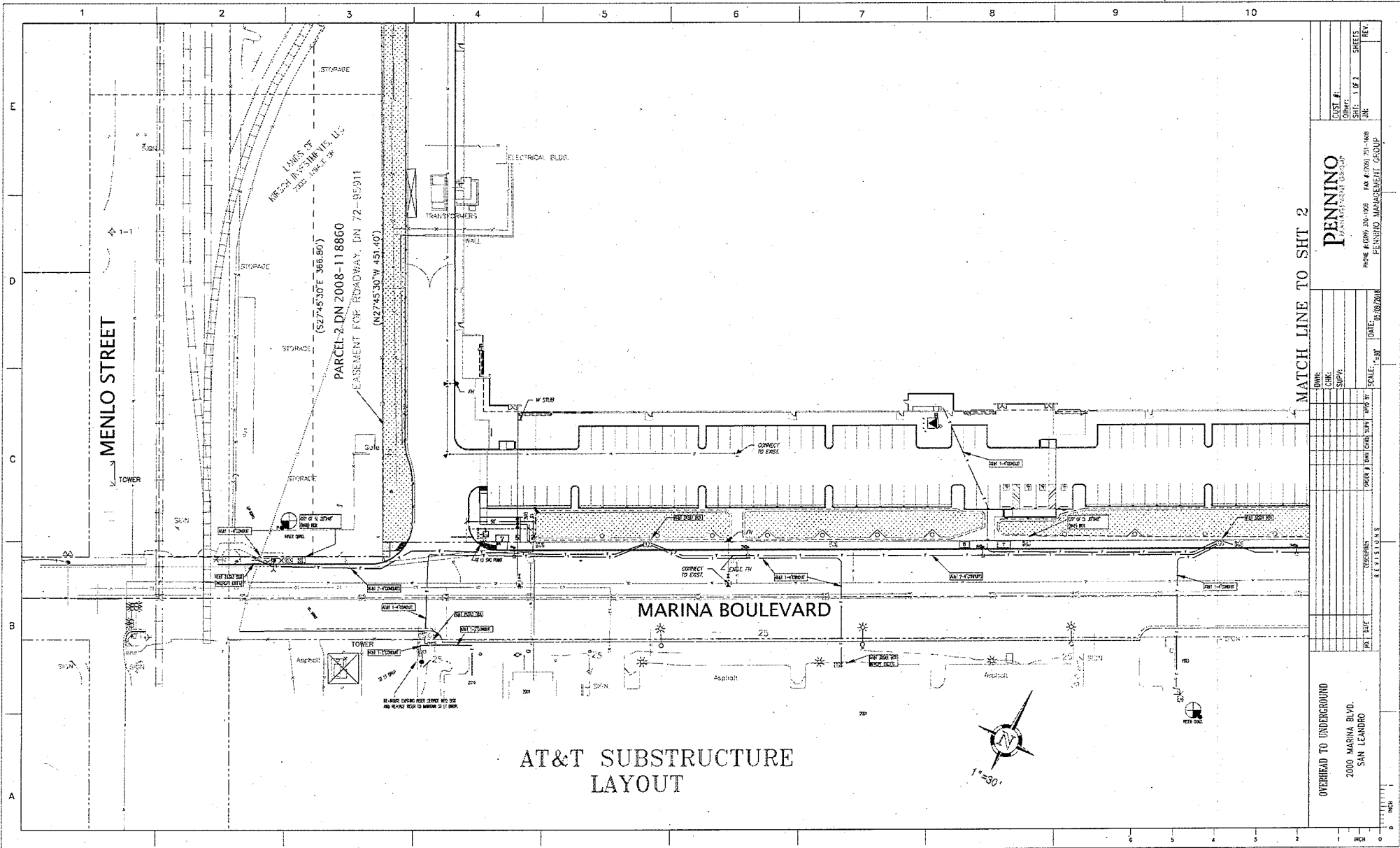
Notes in reference to Figure 2-19:

1. Electric meter panel locations are subject to utility approval and actual strength with the applicable code requirements. PG&E has and have approved panel locations for the duration from the electric panel to the electric building center. See section "The Meter Mounting Location" in the project's working drawings.
2. Applicants must install any electric wires or equipment, including wires, cables, metering enclosures, telecommunications enclosures, vent wires, exhaust, or exhaust rods within the stipulated area around the gas meter. The 36-inch clearance area is reduced to 16 inches for electrical devices or equipment certified for NFPA Class I, Division 2 locations.
3. From the gas meter there is a 12-inch clearance to the building wall. The stipulated minimum clearance at the service delivery point must extend a minimum of 4.5 feet from the building wall when the meter is to be set and must be 20 inches above the finished grade. See Figure 2-14 on Page 2-32, Figure 2-15 on Page 2-28, and subsection 2.7 on Page 2-41.
4. The minimum clearance to the building wall in Figure 2-19 are used for gas meters up to the 1,000 cubic feet capacity. See Figure 2-14 and Figure 2-15 on Page 2-32 and 2-28 for illustrations of clear and best working space in front of the gas meter.

PENNINO CONSULTING GROUP
PHOTO: 415.900.1400 FAX: 415.900.1400
PENNINO MANAGEMENT GROUP

DATE: 10/12/17
SCALE: AS SHOWN
SHEET: 1 OF 1
SHEETS: REV

PG&E
GAS SERVICE RECORD
OMP - 2000 Marina Blvd.
San Leandro, CA



CUST #	
OTHER	
SHEET	1 OF 7
DATE	

PENNINO
 PROJECT MANAGER
 PHONE: (415) 754-1000 FAX: (415) 754-1000
 PENNING MANAGEMENT GROUP

DATE: 05/08/2018
 SCALE: 1"=30'

DRN: _____
 CDR: _____
 SUPP: _____

PACK 1 (DN) (CON) (SHT) (JOB #)
 PREPARED BY: _____

DATE: _____
 SCALE: _____

OVERHEAD TO UNDERGROUND
 2000 MARINA BLVD.
 SAN LEANDRO

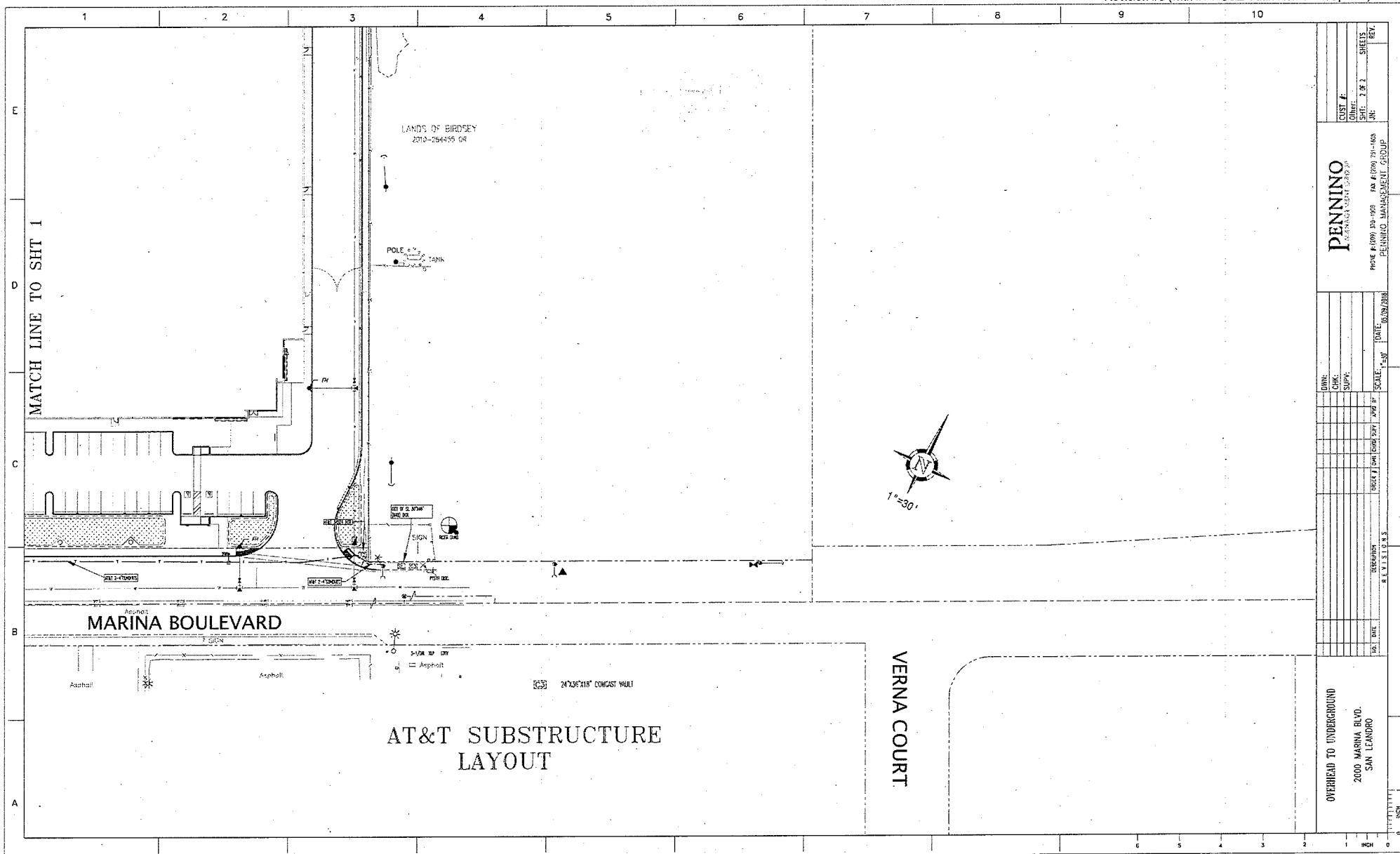
1"=30'
 0 1 2 3 4 5 6 INCH

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 San Leandro, CA 94577

DRY UTILITY

AT&T

Revision #8 (with #7 PG&E Vault Removed Update)



AT&T SUBSTRUCTURE
LAYOUT

REV.	DATE	BY	CHK.	APP.
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

DATE	06/08/2018
SCALE	1"=30'
PROJECT	2000 MARINA BLVD. SAN LEANDRO
DRAWN	
CHK.	
SUPV.	

PENNINO
PENNINGTON MANAGEMENT GROUP
PROJECT # 0800 10-100 (SA 4/09) 11-100
DATE: 06/08/2018
SCALE: 1"=30'

DESIGNER	
CHECKER	
APPROVER	
DATE	
BY	
CHK.	
APP.	

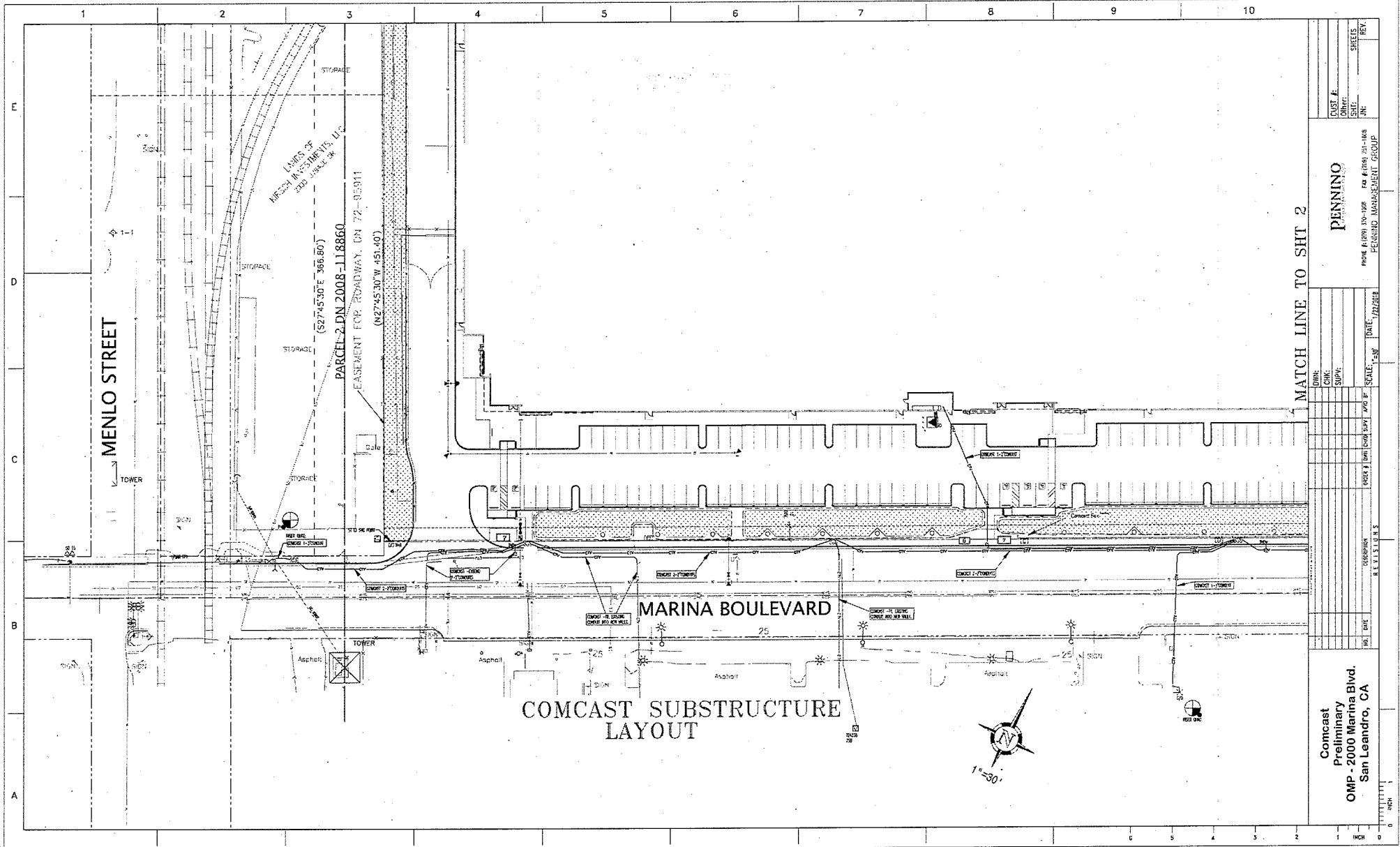
OVERHEAD TO UNDERGROUND
2000 MARINA BLVD.
SAN LEANDRO

Original can be viewed at:
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San Leandro, CA 94577

DRY UTILITIES

COMCAST

Revision #8 (with #7 PG&E Vault Removed Update)



DATE: 12/2018	SCALE: 1"=30'	PROJECT: OMP - 2000 Marina Blvd	SHEET NO: 12
DRAWN: [blank]	CHECK: [blank]	SUPV: [blank]	DATE: 12/2018
MATCH LINE TO SHT 2			

Comcast
 Preliminary
 OMP - 2000 Marina Blvd,
 San Leandro, CA

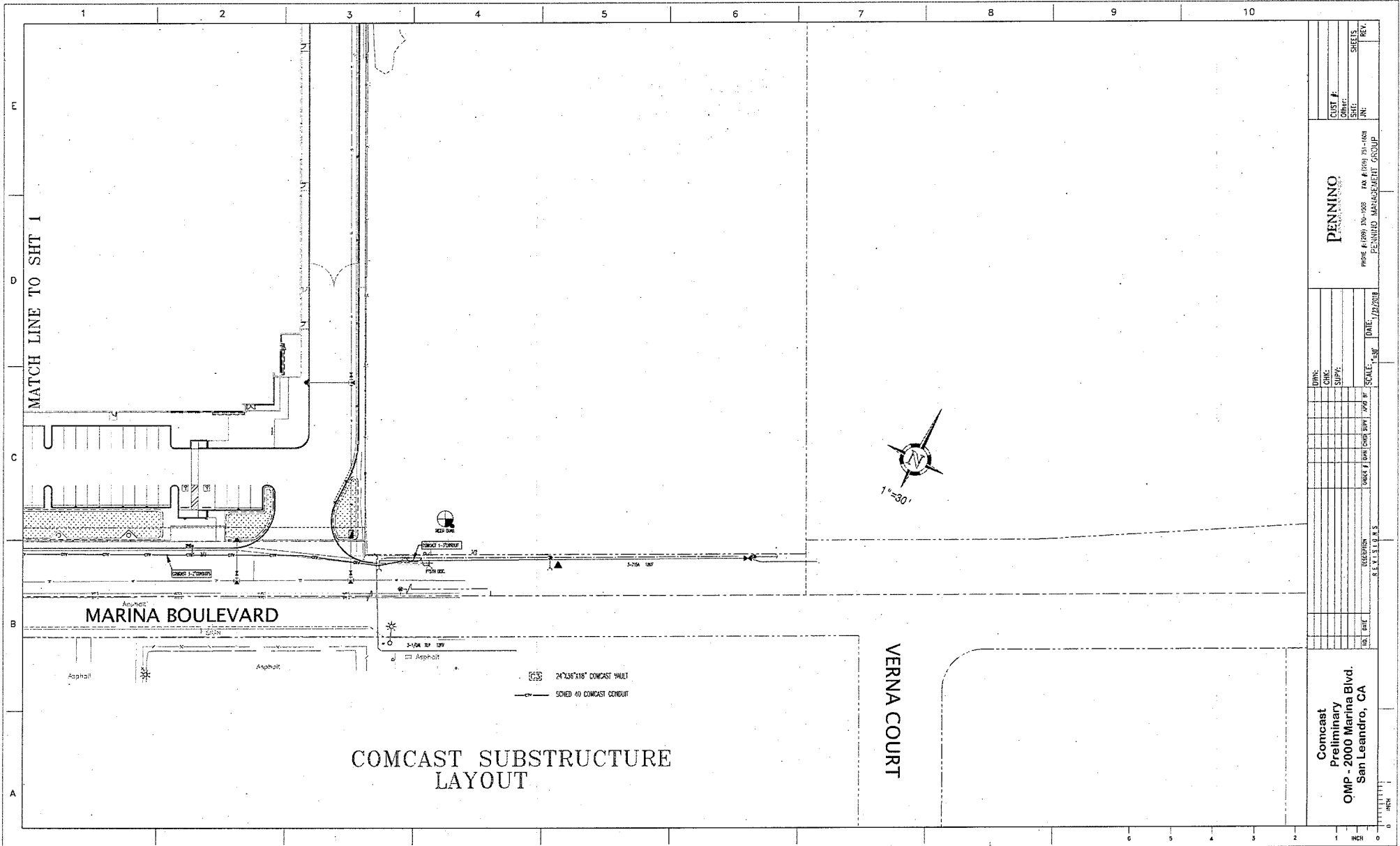
PENNINO
 ENGINEERS

PHONE 619 919 1912 FAX 619 919 1618
 PENNING MANAGEMENT GROUP

Original can be viewed at:
 City of San Leandro, 835 East 14th Street, City Hall,
 San Leandro, CA 94577

DRY UTILITIES

COMCAST



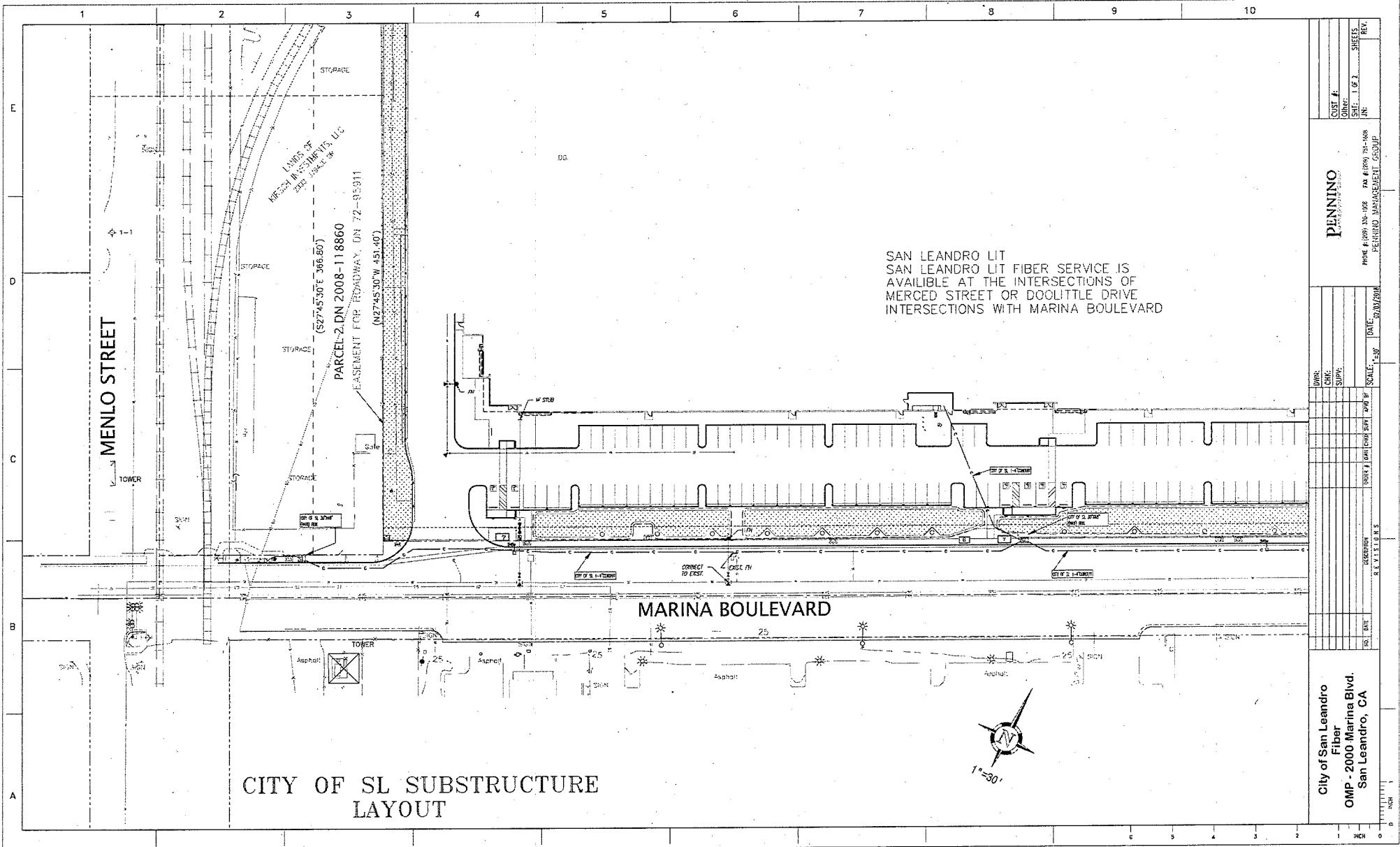
CUST #	SHEET	DATE	REV.

PENNINO
PENNING MANAGEMENT GROUP
PHONE # 925.770.1000 FAX # 925.770.1000

DRAWN	CHECK	SCALE	DATE	BY

Comcast
Preliminary
OMP - 2000 Marina Blvd.
San Leandro, CA

Original can be viewed at:
City of San Leandro, 835 East 14th Street, City Hall,
San Leandro, CA 94577



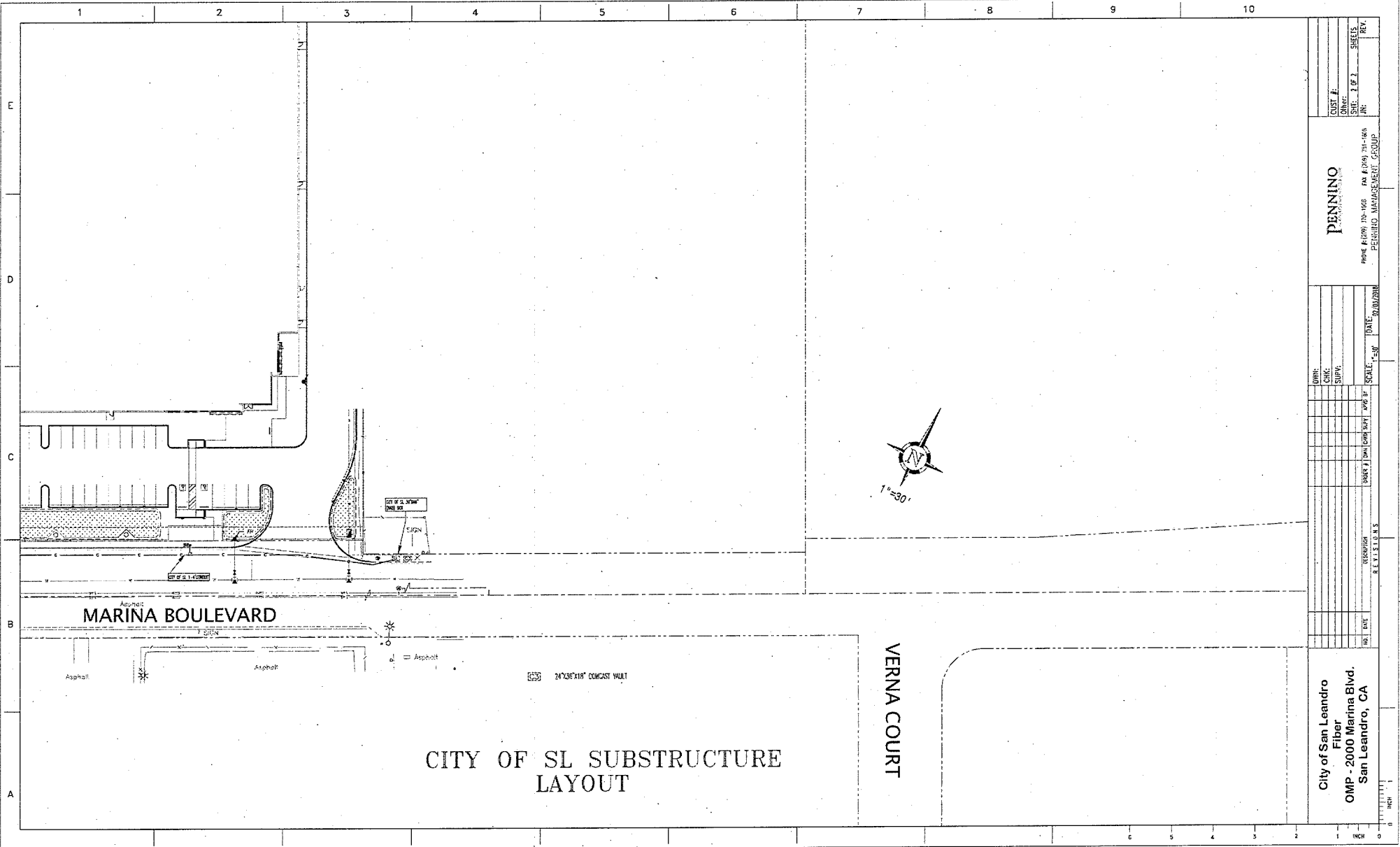
CUST #	DATE	BY	CHK	APP
0107	05/18/2018	AN		
PENNINGTON CONSULTANTS				
PROJECT: SAN LEANDRO FIBER SERVICE				
DATE: 02/20/2018				
SCALE: 1"=30'				
DRAWN BY: [Name]				
CHECKED BY: [Name]				
APPROVED BY: [Name]				
CITY OF SAN LEANDRO				
FIBER				
OMP - 2000 Marina Blvd.				
San Leandro, CA				

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DRY UTILITIES

SAN LEANDRO FIBER

Page 15 of 19
05/18/2018
Revision #8 (with #7 PG&E Vault Removed Update)



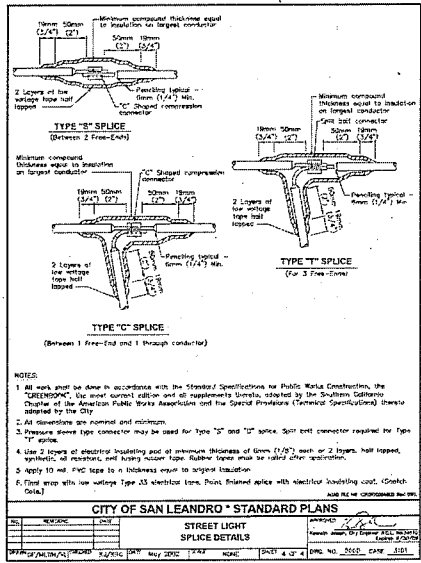
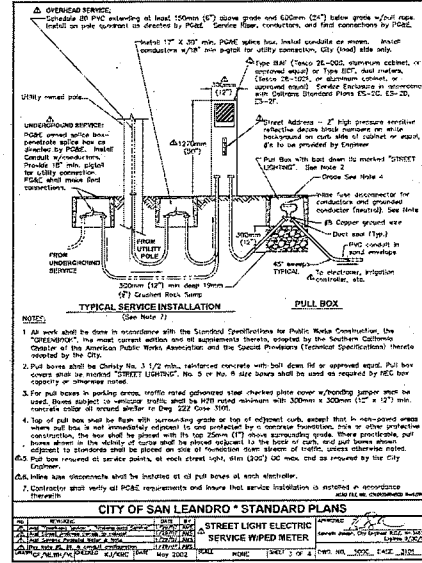
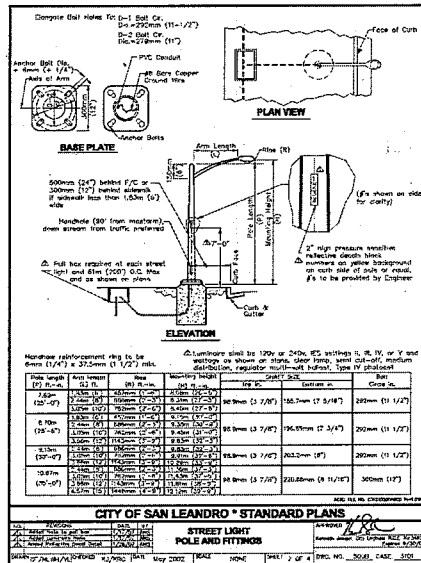
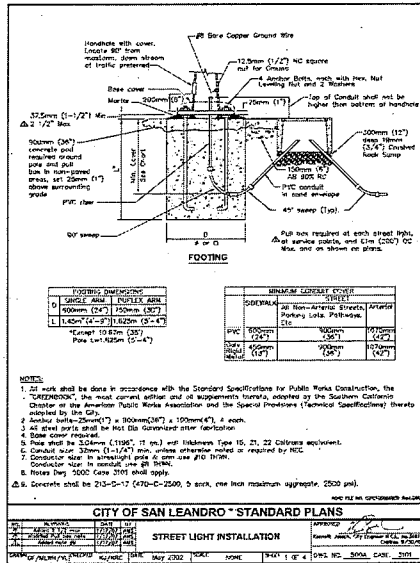
DESIGNER	
CHECKER	
SUPERVISOR	
DATE	05/18/2018
SCALE	1"=30'
DRAWN BY	
CHECKED BY	
SUPVISED BY	
DATE	
SCALE	
DRAWN BY	
CHECKED BY	
SUPVISED BY	
DATE	
SCALE	
DRAWN BY	
CHECKED BY	
SUPVISED BY	
DATE	
SCALE	

PENNINO
PENNINO & ASSOCIATES
PENNINO & ASSOCIATES
11000 KAY DRIVE, SUITE 1000 SAN LEANDRO, CA 94577-2400
PENNING MANAGEMENT GROUP

NO.	DATE	REVISIONS	DESCRIPTION
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

City of San Leandro
Fiber
OMP - 2000 Marina Blvd.
San Leandro, CA

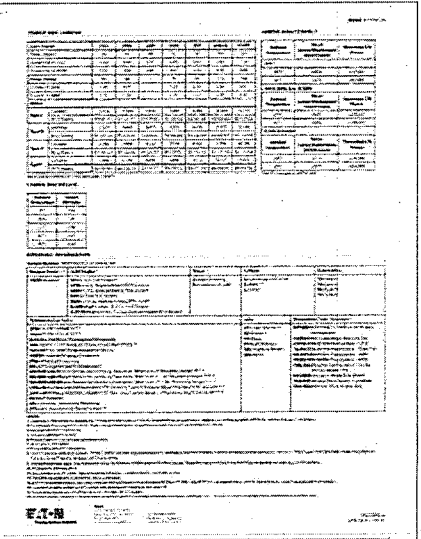
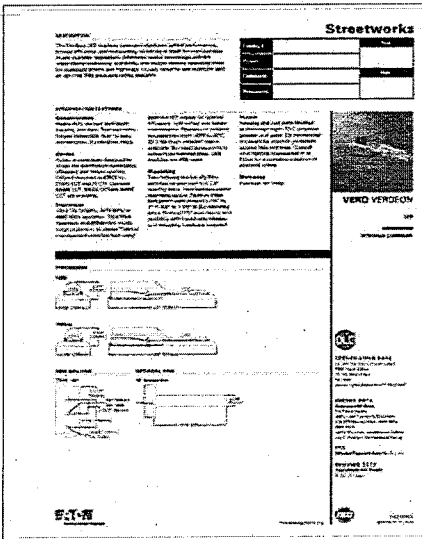
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San Leandro, CA 94577



Luminaires Schedule		Description	
Symbol	Label	PAISON VFRD-2-AUG-01-0-0-1-330-ADP	PA. 3.15115 LGD TYPE 3 DISTRIBUTION OR JOINT POLE 135W-91W RMH ASD 125T ARM
Symbol	Label	PAISON VFRD-2-AUG-01-0-0-1-330-ADP	NEW 103W TYPE 3 DISTRIBUTION OR JOINT POLE 135W-91W RMH ASD LEFT ARM

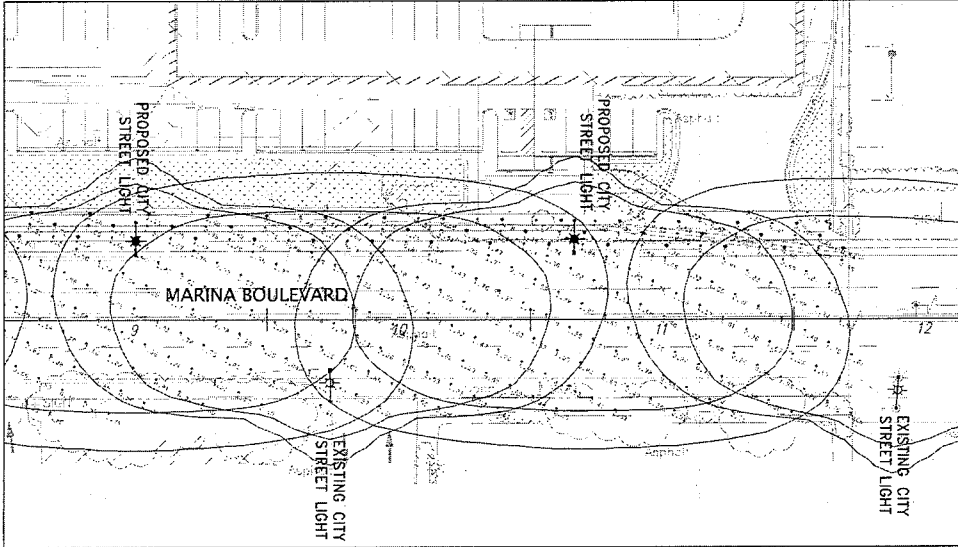
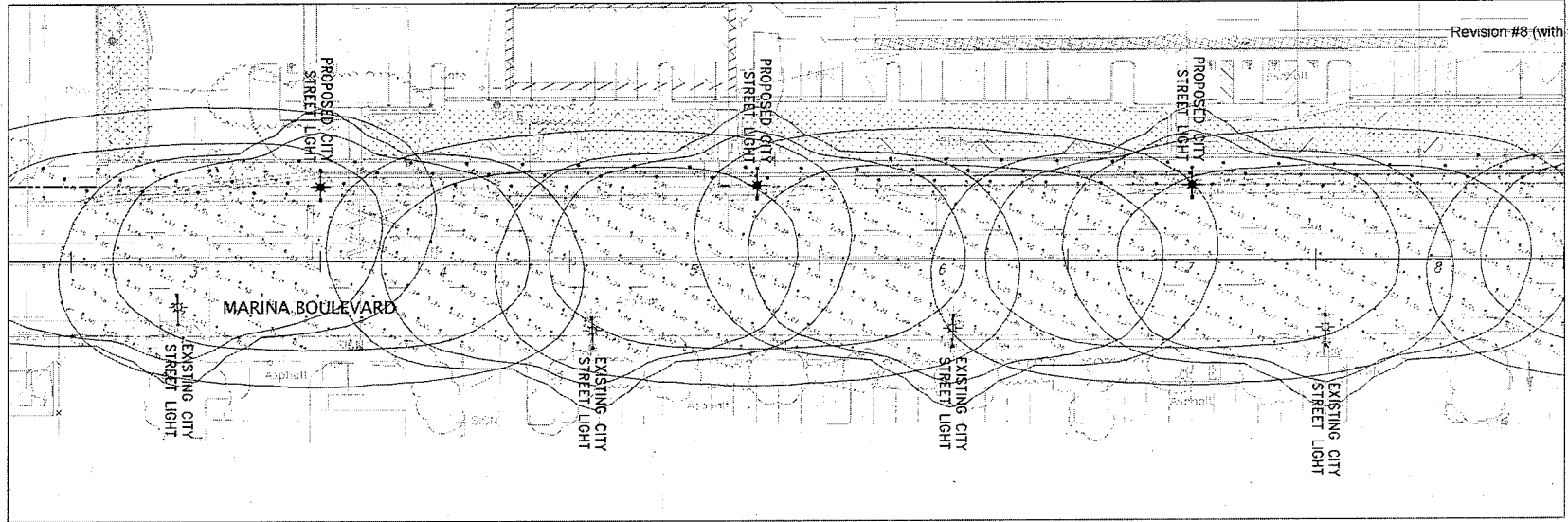
Calculated Summary		Units		Avg		Max		Min		Avg/Min		Max/Min	
Label	Col. Type	PC	PC	1.11	4.75	3.30	1.70	3.17					
NORTHERN SIDEWALK	Illuminance	PC	PC	0.85	7.02	0.17	3.22	7.68					

SHEET INDEX
 PM-1 PHOTOMETRIC DETAIL
 PM-2 PHOTOMETRIC PLAN



DATE	BY	CHK	APP
05/18/2018	PM-1	PM-2	PM-3

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Symbol	Label	Description
	EXISTING VERB-G-4021-E-C-11-7230-AP	EXISTING 10W TUBE 3 DISTRIBUTION ON 30FT POLE (34FT-9IN HGT) 1/2FT ARM
	PROPOSED VERB-G-4021-E-C-11-7230-AP	PROPOSED 10W TUBE 3 DISTRIBUTION ON 30FT POLE (34FT-9IN HGT) 1/2FT ARM

Location	Fixture Type	Units	Avg	Max	Min	Avg/Fsq	Max/Fsq
MARINA BLVD	ILLUMINANCE	FC	1.41	2.75	0.33	5.70	9.27
NORTHERN SIDEWALK	ILLUMINANCE	FC	0.88	2.02	0.27	3.26	7.75

SHEET INDEX	
PM-1	PHOTOMETRIC DETAIL
PM-2	PHOTOMETRIC PLAN

KIER & WRIGHT
CIVIL ENGINEERS & SURVEYORS, INC.
2000 Marina Boulevard, Suite 200
San Leandro, CA 94577
Tel: (925) 454-4474

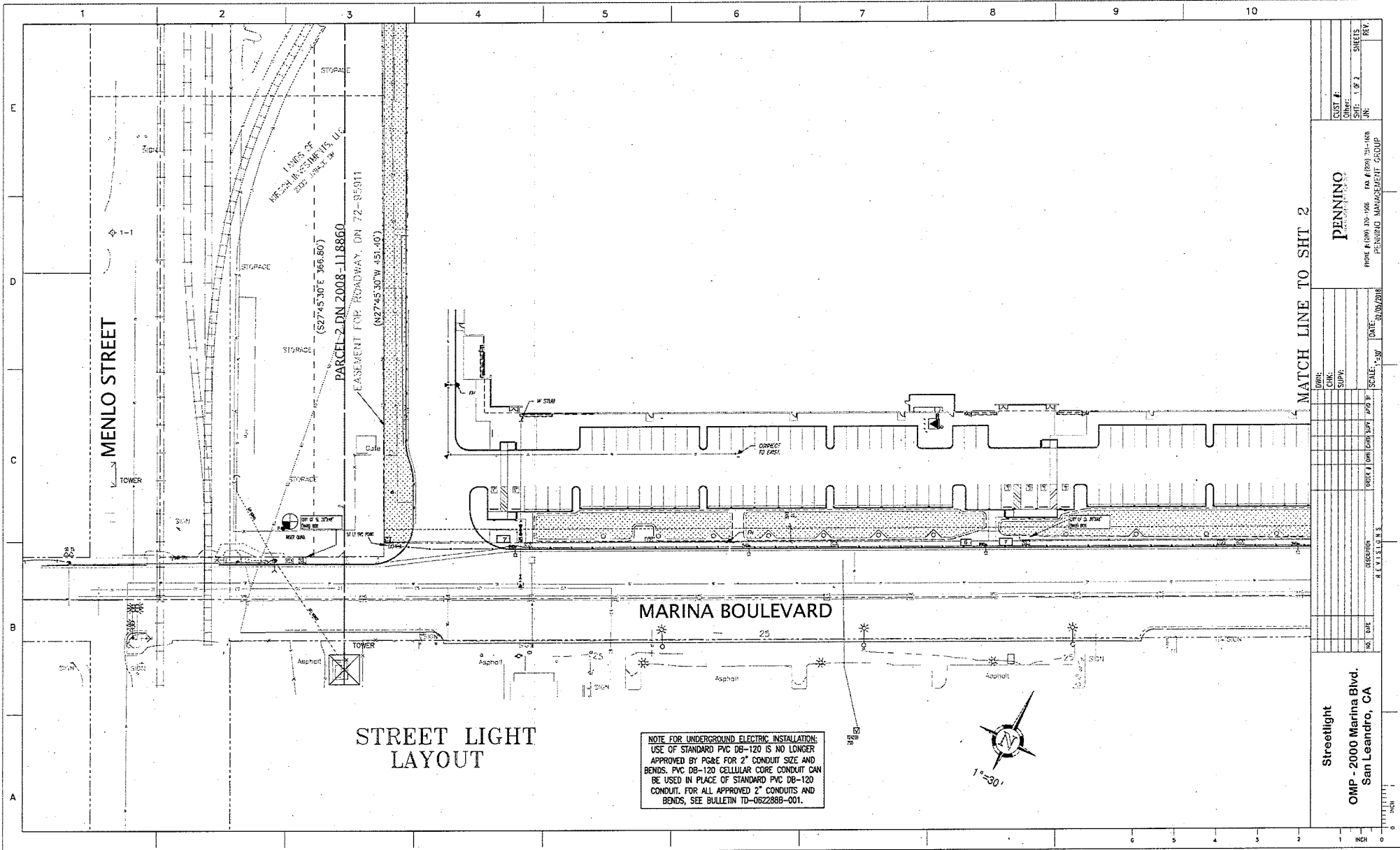
PHOTOMETRIC PLAN
OF
2000 MARINA BOULEVARD
FOR
OM PROPERTIES

SAN LEANDRO, CALIFORNIA

DATE	05-05-2018
SCALE	AS SHOWN
DRAWN BY	SWL
CHECKED BY	SWL
PROJECT	0144-01
SHEET	PM-2
OF	2 SHEETS

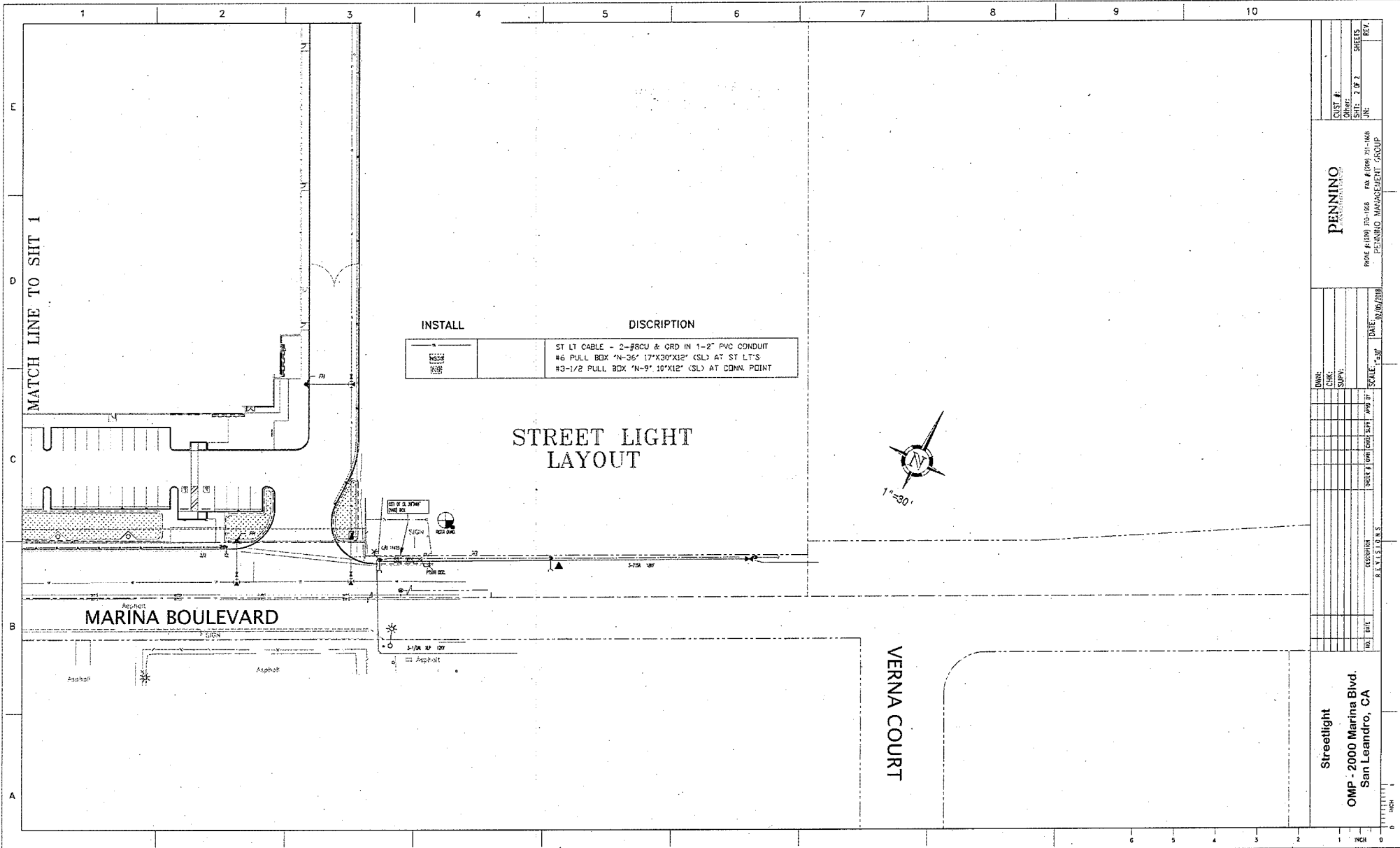
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San Leandro, CA 94577

DRY UTILITIES



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 San Leandro, CA 94577

DRY UTILITIES



<p>Streetlight OMP - 2000 Marina Blvd. San Leandro, CA</p>	<p>DATE: 05/18/2018 SCALE: 1"=30' DRAWN: [blank] CHECKED: [blank] SUPERVISOR: [blank]</p>	<p>PENNINO ENGINEERS ARCHITECTS</p> <p>PHONE # (925) 938-1858 FAX # (925) 938-1858 PENNINGO MANAGEMENT GROUP</p>
<p>CUSTOMER: [blank]</p> <p>PROJECT: [blank]</p> <p>SHEET: 7 OF 7</p>		<p>SHEETS: [blank]</p> <p>REV: [blank]</p>

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