

WATER DEMAND ASSESSMENT

For:

Gateway Terminal Chino
5885 Schaefer Ave. Chino, CA 91710

APNS: 1021-052-04-0-000, 1021-052-06-0-000, 1021-052-09-0-000, 1021-052-11-0-000
Project File No.: PL24-0097 (SCUP) & PL24-0098 (SA)

Prepared for:

Gateway Terminal
13925 City Center Dr
Chino, California 91709

Prepared by:

Pacific Consulting Group, Inc.
2239 State Ave #B
Costa Mesa, California

CITY OF CHINO ENGINEERING

Reviewed

By: Daniel Aguirre 05/13/2025 8:39:28 AM
Project No: PL24-0098 (SA)

REVIEWED FOR CODE COMPLIANCE

These plans and documents have been reviewed and found to be in compliance with the applicable code requirements of the jurisdiction. Issuance of a permit is recommended subject to approval by other departments and any noted conditions. The stamping of these plans shall not be held to permit or be an approval of any violation of applicable codes and standards no relieve the owner, design professional of record or contractor of compliance with the applicable codes and standards. Plan review of documents does not authorize construction to proceed in violation of any federal, state, nor local regulation.

BUREAU VERITAS NORTH AMERICA, INC.

**B.V. Plan Review By: William Addington
For
City of Chino Engineering Department
04/25/25**

SIGNATURE: WILLIAM ADDINGTON

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DATE: 05/08/2025

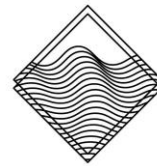
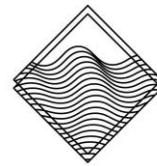


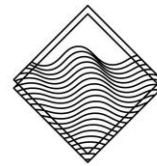
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Abbreviations

Ac.	Acre
ADD	Average Daily Demand
DU	Dwelling Unit
FAR	Floor Area Ratio
gpd	Gallons per day
gpm	Gallons per minute
psi	Pounds per square inch



Section 1. Discussion

Gateway Terminal Chino is a mixed-use development including 2 buildings planned to be constructed at the southwest corner of Schaefer Avenue and Oaks Avenue in the City of Chino. The proposed project consists of 2 buildings one of restaurant use and the other industrial usage. The property is currently occupied by a church and two residential buildings, associated with the church.

The Project is currently in the entitlement phase, and the purpose of this report is to identify any impacts the proposed project may have on the City of Chino's existing water infrastructure. The report will use hydraulic calculation and their respective results alongside the most current City of Chino Water Master Plan data to present the justifications for any potential impact the proposed project may have in relation to water demand and the municipal water services adjacent to the project.

Section 2. Methodology

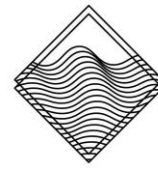
This study investigates the capacity of the existing water infrastructure considering current water demands with the addition of the Gateway Terminal Chino Project. The method employed to analyze the system will be to simply analyze the proposed project demands utilizing the City of Chino Water Master Plan dated January 2022 and the City of Chino General plan in relation to the existing water demand and further more to the existing water capacity of the existing infrastructure.

The proposed Gateway Terminal Chino project will be analyzed for the change in water demand from the existing to proposed condition. Secondly, these demands will be compared to the results from the fire flow test performed at the project adjacent hydrant on Oaks Ave (see Appendix C for fire flow test results) to verify the proposed project can be adequately served by the existing infrastructure.

Section 3. Existing Condition

The project is located at the Southwest corner of the intersection at Schaefer Ave and Oaks Ave. There are three existing water mains located in Schaefer: (1) 4" water main noted to be abandoned. (1) 16" water main located in the south side of Schaefer Ave., and (1) 12" water main located in the north side of Schaefer Ave. There is also two water mains located in Oaks Ave: (1) 10" water main located in the west side of Oaks Ave. and (1) 8" water main located on the east side of Oaks Ave. The existing parcel is being serviced by three water meters one of which is connected to the water main in Schaefer Ave. and the other two being serviced from the water main in Oaks Ave.

As previously noted, the existing property consists of a church and two associated residential buildings. The existing zoning of this project is noted as MI - Light industrial



and is currently being serviced by the City of Chino. Zoning map and service map can be found in Appendix B.

The existing water demand has been estimated below using the associated residential Potable Water Demand Planning Factors in Table 2-1 of the City of Chino Water Master plan. (Table 2-1 can be found in Appendix A for reference).

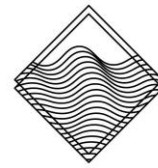
Table 1: Existing Water Demand

Description	Land Use Type	Size	ADD Water Demand Factor	Total
Existing Residential Building	Residential (RD 1)	1 DU	1,500 (gpd/DU)	1,500 gpd
Existing Residential Building	Residential (RD 1)	1 DU	1,500 (gpd/DU)	1,500 gpd
Existing Church	Public (P)	7.35 Ac	3,000 (gpd/acre)	22,050 gpd
			Total (gpd)	25,050 gpd
			Total (gpm)	17.4 gpm

Based on the values presented in the fire flow report the 10" water main on the west side of Oaks Ave. has a static pressure of 72 PSI and the calculated fire flow was 5,364 gpm @ 20 PSI residual.

Section 4. Proposed Condition

As noted above, the Gateway Terminal Chino project is a mixed-use project consisting of two buildings. The project will also create two separate parcels. Parcel 1 will be 6.55 acres and will consist of one industrial building comprising of 150,048 square feet of industrial use and 8,500 square feet of office space. Parcel 2 will be 0.80 acre and will consist of a 3,520 square feet restaurant. Parcel 1 is proposed to be serviced by three water meters connected to the 10" water main on the west side of Oaks Ave. These proposed connections consist of an irrigation service, a domestic water service and a fire service supporting on-site hydrants and fire suppression for the proposed structure. Parcel 2 is also proposed to be serviced by 3 water meters consisting of an irrigation service, a domestic water service, and a fire service to serve the fire suppression system for the proposed building.



The proposed water demand for the project is noted below. Assumptions were made in calculating the water demand for the proposed project. To ensure the serviceability of the project, mixed-use buildings conservatively chose the higher demand land use application for each parcel. Assumptions are noted below Table 2.

Table 2: Proposed Water Demand

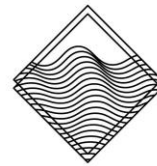
Description	Land Use Type	Max FAR	Size	ADD Water Demand Factor	Total
*Light Industrial	Light Industrial (MI)	0.6	6.55 Ac	7,840 (gpd/Ac)	30,811 gpd
Commercial	Commercial (CN)	0.3	0.80 Ac	1,960 (gpd/Ac)	470 gpd
				Total (gpd)	31,281 gpd
				Total (gpm)	21.72 gpm

A comparison of the results from the existing and proposed water demand is shown below. As shown in the table below an increase in water demand is anticipated from the proposed development. Based on the results from the fire flow test, the proposed water demand increase should not impact the existing infrastructure and should be easily serviced by the existing 10" water main on the west side of Oaks Ave.

Table 3: Water Demand Comparison

Description	Total ADD Water Demand (gpd)	Total ADD water demand (gpm)
Existing Water Demand	25,050	17.4
Proposed Water Demand	31,281	21.72
Total	+ 6,231 gpd (increase)	+ 4.32 gpm (increase)

Furthermore, the fire flow demand for the project has been determined to be 3,000 gpm as noted in table 2-8 of the City of Chino Water Master plan. This referenced table can be found in Appendix A of this report. Based on the fire flow test, the 3,000 gpm fire flow requirement will be able to be supplied to the proposed project while still providing

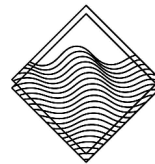


over the 20 PSI minimum residual pressure. Therefore, it is reasonable to assume that the proposed project water demand and fire flow demand should be able to be serviced by the existing City of Chino water infrastructure without impact.

Section 5. Conclusion

The project has been evaluated to determine if the existing infrastructure has the capacity to serve the proposed projects water demands. To determine this, a fire flow test was performed to find the available flow from the 10" water main on the west side of Oaks Ave. The fire flow results can be found in Appendix C. The results from this test show that the existing water main can discharge 5,364 gpm while keeping a residual pressure of 20 psi in the water main.

The water flow requirements for the proposed project will be controlled by the fire flow demand which is much larger than the developments water demand. Fire flow requirements for the project have been estimated using the City of Chino Water Master Plan table 2-8 which is used for planning and preliminary design purposes and was noted to be 3,000 gpm. Per the Fire flow test, the maximum allowable flow from the main is 5,364 gpm which is more than the required fire flow. Based on these findings noted in this report, the existing infrastructure should be able to adequately provide water to the project without any constraints.



Appendix A

References



Table 2-8: Fire Flow Planning Criteria

Land Use Type	Minimum Fire Flow (gpm) ¹	Flow Duration (hrs)
Low Density Residential (1 – 8 DU/acre)	1,500	2
Medium Density Residential (> 8 – 14 DU/acre)	2,500	2
High Density Residential (more than 14 DU/acre)	3,000	3
Commercial, Light Industrial, and Public Facilities	3,000	3
Heavy Industrial	4,000	4

¹ At a residual pressure of 20 pounds per square inch (psi).

2.5 Water System Pipelines

The following pipeline criteria includes sizing, materials, and general horizontal location requirements.

2.5.1 Sizing

All piping shall be sized at a minimum diameter of 8-inches. Pipeline sizing criteria for potable water pipelines is included in Table 2-9 with recycled water criteria included in Table 2-10.

Table 2-9: Potable Water Pipe Sizing Criteria

Pipe Type (Size Range)	Demand Condition	Criteria	Maximum Allowable Value
Distribution Pipelines (< 12-inch)	Max Day	Velocity	5 ft/s
Distribution Pipelines (< 12-inch)	PHD	Velocity	10 ft/s
Distribution Pipelines (< 12-inch)	MD + FF	Velocity	15 ft/s
Transmission Pipelines (> 12-inch)	Max Day	Velocity	5 ft/s
Transmission Pipelines (> 12-inch)	PHD	Velocity	8 ft/s

Note: Transmission mains are defined as pipelines 12-inch and larger with no service connections.

Table 2-10: Recycled Water Pipe Sizing Criteria

Pipe Type (Size Range)	Demand Condition	Criteria	Maximum Allowable Value
Distribution Pipelines (All Sizes)	Max Day	Velocity	5 ft/s
Distribution Pipelines (All Sizes)	PHD	Velocity	8 ft/s

2.5.2 Allowable Diameters and Materials

Proposed pipe diameters and materials shall be in accordance with City standards as presented in Table 2-11. Other diameters may be considered by the UEOM on a case-by-case basis. Note that it is the responsibility of the Developer to select the appropriate pipe material and diameter for project specific conditions.



Table 2-1: Residential Potable Water Demand Planning Factors

Residential Land Use Type	Generalized Description	Maximum Allowable Density ¹	ADD Water Demand Factor (gpd/DU)
Residential (RD 1)	Very large lot residential development in a rural environment	1 DU/ac	1,500
Residential (RD 2-4)	Large lot residential development in a nonurbanized environment	4 DU/ac	880
Residential (RD 4.5-7)	Single-family suburban residential development	7 DU/ac	580
Residential (RD 8-11)	Transition zone from low density single-family areas to higher intensity commercial, industrial and multiple-family residential areas	11 DU/ac	520
Residential (RD 12-19)	Attached dwellings to townhouse type developments	19 DU/ac	460
Residential (RD 20-30)	Relatively high-density residential environment typified by fourplex developments and apartments	30 DU/ac	250

¹ An increased density may be permitted with the provision of affordable housing. See City of Chino Code of Ordinances Title 20 – Zoning.

Table 2-2: Commercial Potable Water Demand Planning Factors

Commercial Land Use Type	Generalized Description	Maximum Allowable Floor Area Ratio (FAR)	ADD Water Demand Factor (gpd/acre) ¹
Commercial neighborhood (CN)	Shopping centers within close proximity to residential neighborhoods	0.3	1,960
Commercial general (CG)	Commercial areas to meet the daily and occasional shopping needs	1.0	7,620
Commercial office (CO)	Office and research and development uses that accommodate high-tech, medical/hospital, legal, insurance, government and similar activities	1.0	8,710
Commercial regional (CR)	Department stores, home furnishings and appliance stores, apparel stores, specialty retail stores and restaurants	0.6	5,880
Commercial service (CS)	Heavy commercial and certain light industrial uses, particularly service industries for agricultural, commercial and industrial use	0.6	6,530

¹ More conservative factors may be applicable at the discretion of the UEOM.



Table 2-3: Industrial Potable Water Demand Planning Factors

Industrial Land Use Type	Generalized Description	Maximum Allowable Floor Area Ratio (FAR)	ADD Water Demand Factor (gpd/acre)¹
Business park (BP)	Combination of commercial offices and industrial uses in a campus-like setting	0.6	5,230
Light industrial (M1)	Manufacturing which can be considered light in nature by reason of its size, activity and performance characteristics	0.6	7,840
General industrial zone (M2)	Manufacturing, utilities and related uses that are not compatible with commercial or residential uses	0.6	10,450

¹ More conservative factors may be applicable at the discretion of the UEOM.

Table 2-4: Agriculture, Open Space and Public Zoning Water Demand Planning Factors

Agriculture, Open Space and Public Zoning Land Use Type	Generalized Description	ADD Water Demand Factor (gpd/acre)
General agricultural (AG)	General agricultural uses including livestock ranges, crop cultivation, agriculture related residences and structures, parks and recreational areas and agricultural offices.	3,500
Open space recreational (OS 1)	Public parks including active playing fields, parks, and recreation facilities, urban parks and plazas, bicycle and walking trails, fountains, landscaped areas and corridors	2,500
Open space natural (OS 2)	Open space conservation and passive recreational uses. Minimal or no development and to serve as visual buffers, natural open and wildlife corridors and water recharge and detentions/retention areas.	0
Public (P)	Government, civic, cultural, recreational, and health uses such as public educational institutions, community and group meeting centers, fire stations, cemeteries, and libraries	3,000
Public school (PS)	Public schools	3,000

2.2 Recycled Water Demand Factor

The recycled water demand factor shall be used to calculate average daily demand (ADD) (also referred to as average annual demand) for any new development or redevelopment. Recycled water demand factors were developed based on existing recycled water consumption in FY 19/20. If project specific water demand factors are known to differ substantially from those presented herein, whether higher or lower, the Developer shall submit adequate documentation of independent calculations/data for review by the UEOM. Please also see additional supply requirements for recycled water in Section 3.



Table 2-5: Recycled Water Demand Factor

Land Use Type	Generalized Description	ADD Recycled Water Demand Factor (gpd/acre) – Landscaped Area Only – not full parcel acreage	ADD Recycled Water Demand Factor (gpd/sf) – Landscaped Area Only – not full parcel acreage
All Non-Residential Land Use Types	Includes recycled water used for landscape irrigation at industrial, commercial, and other non-residential land uses	3,500	0.08

Please note the recycled water demand factor only applies to the landscaped area of the site. The factor is not to be applied to the entire parcel acreage.

2.3 Peaking Factors

Peaking factors in Table 2-6 shall be applied to potable water average daily demand (ADD) calculated from Section 2.1 to calculate maximum day demand (MDD) and peak hour demand (PHD).

If project specific peaking factors are known to differ substantially from those values presented herein, whether higher or lower, the Developer shall submit adequate documentation of independent calculations/data for review by the UEOM.

Table 2-6: Potable Water Demand Peaking Factors

Pressure Zone	Peaking Factor	
	Maximum Day (x ADD)	Peak Hour (x ADD)
City-wide	1.7	2.2

Table 2-7: Recycled Water Demand Peaking Factors

Pressure Zone	Peaking Factor	
	Maximum Day (x ADD)	Peak Hour (x ADD)
City-wide	2.6	7.8

2.4 Fire Flow Requirements

The fire flow requirements set forth in Table 2-8 are to be used for planning or preliminary design purposes only. It is the Developer’s responsibility to confirm actual fire flow requirements in accordance with the California Fire Code, latest edition, and the Chino Valley Fire District.

If the Developer has determined the fire flow requirement from the Chino Valley Fire District, that information shall be provided to the UEOM for review.



Table 2-8: Fire Flow Planning Criteria

Land Use Type	Minimum Fire Flow (gpm) ¹	Flow Duration (hrs)
Low Density Residential (1 – 8 DU/acre)	1,500	2
Medium Density Residential (> 8 – 14 DU/acre)	2,500	2
High Density Residential (more than 14 DU/acre)	3,000	3
Commercial, Light Industrial, and Public Facilities	3,000	3
Heavy Industrial	4,000	4

¹ At a residual pressure of 20 pounds per square inch (psi).

2.5 Water System Pipelines

The following pipeline criteria includes sizing, materials, and general horizontal location requirements.

2.5.1 Sizing

All piping shall be sized at a minimum diameter of 8-inches. Pipeline sizing criteria for potable water pipelines is included in Table 2-9 with recycled water criteria included in Table 2-10.

Table 2-9: Potable Water Pipe Sizing Criteria

Pipe Type (Size Range)	Demand Condition	Criteria	Maximum Allowable Value
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Distribution Pipelines (< 12-inch)	MD + FF	Velocity	15 ft/s
Transmission Pipelines (> 12-inch)	Max Day	Velocity	5 ft/s
Transmission Pipelines (> 12-inch)	PHD	Velocity	8 ft/s

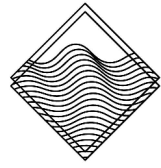
Note: Transmission mains are defined as pipelines 12-inch and larger with no service connections.

Table 2-10: Recycled Water Pipe Sizing Criteria

Pipe Type (Size Range)	Demand Condition	Criteria	Maximum Allowable Value
Distribution Pipelines (All Sizes)	Max Day	Velocity	5 ft/s
Distribution Pipelines (All Sizes)	PHD	Velocity	8 ft/s

2.5.2 Allowable Diameters and Materials

Proposed pipe diameters and materials shall be in accordance with City standards as presented in Table 2-11. Other diameters may be considered by the UEOM on a case-by-case basis. Note that it is the responsibility of the Developer to select the appropriate pipe material and diameter for project specific conditions.



PACIFIC CONSULTING GROUP

Appendix B

Maps & Exhibits

2239 State Ave, #B
Costa Mesa, California 92627
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SCHAEFER AVE.

PROJECT DATA

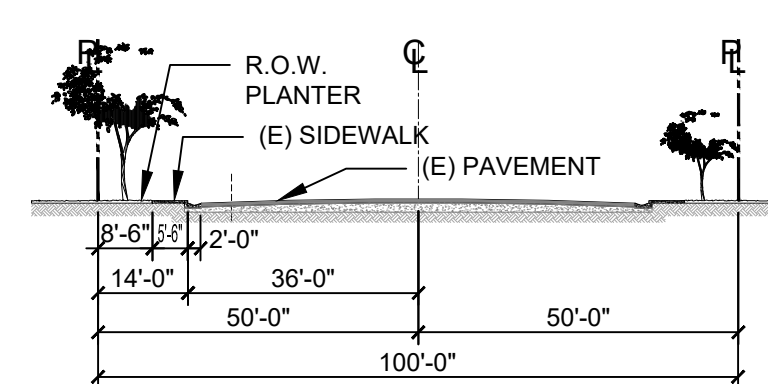
DESCRIPTION	AREAS
ZONING	M1- LIGHT INDUSTRIAL
PROJECT DESCRIPTION	(1) NEW CONCRETE TILT UP WAREHOUSE / OFFICE BUILDING AS DESCRIBED BELOW (1) NEW SHIPPING CONTAINER FOOD AND BEVERAGE BUILDING AS DESCRIBED BELOW
ASSESSOR'S PARCEL NO.	1021-052-04-0-000 1021-052-06-0-000 1021-052-09-0-000 1021-052-11-0-000
BUILDING CODE	CBC 2022
BLDG. OCCUPANCY	(S) OFFICE (M) MANUFACTURING (S) WAREHOUSE (M) MERCANTILE
BUILDING TYPE	III-B, FULLY SPRINKLERED
LAND AREA / PARCEL SIZE	GROSS 4320,139 S.F.
COVERAGE:	50.0% FAR: 0.52
ALLOWABLE LOT COVERAGE:	50.0% ALLOWABLE FAR: 0.60
RATIO OF IMPERVIOUS SURFACE:	EXISTING 30% PROPOSED 88%
LANDSCAPED AREA REQUIRED:	LANDSCAPED AREA PROVIDED = 10% OF PARCEL 32,014 S.F.
CONSTRUCTION TYPE	III-B WITH FULLY SPRINKLERED AUTOMATIC FIRE SPRINKLER SYSTEMS
BUILDING HEIGHT	MAXIMUM BUILDING HEIGHT PER S04.3 = 75'
NUMBER OF STORIES	ALLOWABLE STORIES PER S04.4 = 4
AREA JUSTIFICATION	UNLIMITED AREA WITH 60' YARDS ALL AROUND. THE YARDS CAN BE REDUCED TO 47' IN NO MORE THAN 75% OF THE PERMETER
*HEIGHT, NUMBER OF STORIES AND ALLOWABLE AREA CALCULATED BASED ON THE MOST RESTRICTIVE OCCUPANCY ALLOWANCE PER § 508.3, IN THIS CASE F1-S	
ALL BUILDINGS	162,068 S.F.
TOTAL AREA	158,548 S.F.
BUILDING 1	158,548 S.F.
OCCUPANCIES B-S1-F1-M	
FIRST FLOOR	(S1) WAREHOUSE 150,048 S.F. (B) OFFICE 3,500 S.F. TOTAL FOOTPRINT 153,548 S.F.
MEZZA FLOOR	(B) OFFICE 5,000 S.F. TOTAL MEZZANINE 5,000 S.F.
F & B BUILDING	3,520 S.F.
OCCUPANCIES B & M	
FIRST FLOOR	(M) TENANT SPACES & RESTROOMS** 3,520 S.F. (M) INDOOR SEATING AREAS N/A (M) OUTDOOR SEATING AREAS* 3,600 S.F. TOTAL FOOTPRINT 3,520 S.F.
PARKING REQUIRED:	
BUILDING 1	
OFFICE PARKING 1/250	8,500 / 250 = 34 STALLS
WAREHOUSE PARKING 1/1000 FIRST 20,000	20,000 / 1000 = 20 STALLS
WAREHOUSE PARKING 1/2000 SECOND 20,000	20,000 / 2000 = 10 STALLS
WAREHOUSE PARKING 1/4000 EXCESS	110,048 / 4000 = 28 STALLS
TOTAL PARKING REQUIRED	92 STALLS
F & B BUILDINGS	
RESTAURANT SEATING AREAS 1/100	3,600 / 100 = 36 STALLS
TOTAL PARKING REQUIRED 129	
PARKING PROVIDED:	
ACCESSIBLE (STANDARD) 14' X 20'	3 STALLS
ACCESSIBLE (RAMP) 17' X 20'	3 STALLS
STANDARD STALLS 8' X 18'	65 STALLS
COMPACT STALLS (20' MAX) 6'-0" X 17'	32 STALLS
CLEAN AIR STALLS 9' X 18'	13 STALLS
CLEAN AIR STALL EVSE 9' X 18'	13 STALLS
TOTAL	128 STALLS
BICYCLE RACK @ 5% OF PARKING	7 SPACES
TRUCK LOADING REQUIRED	2 SPACES
TRUCK PARKING PROVIDED	20 SPACES
TRUCK PARKING REQUIRED (1 PER EA 2 LOADING)	10 SPACES
TRUCK PARKING PROVIDED	10 SPACES
TRASH ENCL. AREA PROVIDED	430 S.F.
CONTRIBUTES TO PARKING CALCULATIONS BUT NOT TO BUILDING AREA* CONTRIBUTES TO BUILDING AREA BUT NOT TO PARKING CALCULATIONS**	

BUILDING 1		158,548 S.F.
OCCUPANCIES B-S1-F1-M		
FIRST FLOOR	(S1) WAREHOUSE 150,048 S.F. (B) OFFICE 3,500 S.F. TOTAL FOOTPRINT 153,548 S.F.	
MEZZA FLOOR	(B) OFFICE 5,000 S.F. TOTAL MEZZANINE 5,000 S.F.	

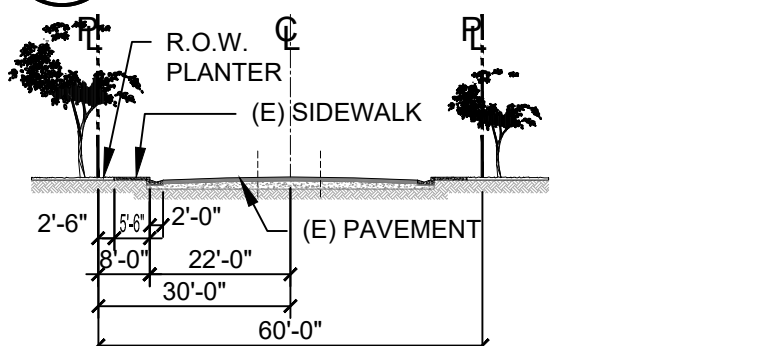
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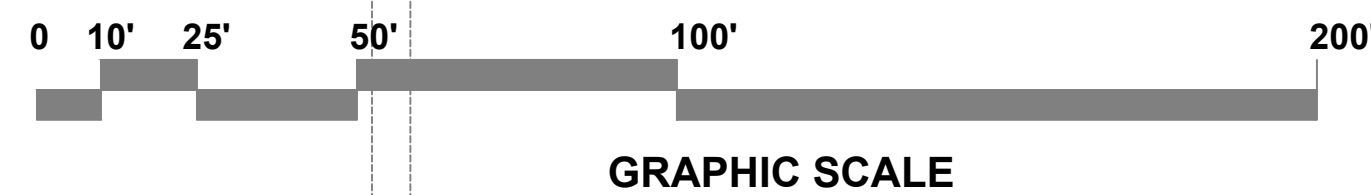
VICINITY MAP
NOT TO SCALE



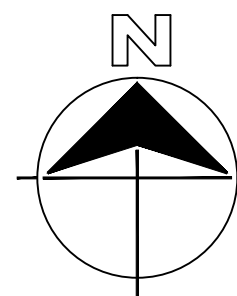
2 SCHAEFFER AVE. STREET SECTION
1" = 30'-0"



3 OAKS AVE. STREET SECTION
1" = 30'-0"



1 SITE PLAN
1" = 30'-0"



SITE PLAN KEYNOTES

- 1 CONCRETE TILT UP WALL
- 1A 3 HOUR CONCRETE TILT UP WALL W/ 3 HOUR JOINTS @ OCCUPANCY SEPARATION
- 2 CONCRETE PAVING, PER CIVIL DRAWINGS
- 3 PARKING STALL DOUBLE STRIPPING (PER CITY OF CHINO STDS.) TYPICAL
- 4 ACCESSIBLE PATH OF TRAVEL, 60" WIDE (MIN.)
- 5 BUILDING ENTRANCE, AFFIX A 4" SQ. INTERNATIONAL ACCESSIBILITY SYMBOL PER CBC 11B-216.6 & FIRE DEPARTMENT KNOX BOX
- 6 TRASH ENCLOSURE, MIN. 6" HIGH SCREEN WALLS WITH METAL DOORS (2-TRASH / RECYCLE BINS + 1 96 GALLON ORGANICS RECYCLING BIN) PER CITY OF CHINO STANDARDS SEE
- 7 12' X14' TRUCK DOOR (GRADE LEVEL)
- 8 9' X10' TRUCK DOOR (DOCK HIGH) TYPICAL
- 9 DROUGHT TOLERANT LANDSCAPE W/AUTOMATIC IRRIGATION SYSTEM SEE LANDSCAPING DWGS. MOUND LANDSCAPE WHERE PATH OF TRAVEL OCCURS TO PROVIDE 3" MAX. GRADE ELEVATION DIFFERENCE, TYPICAL
- 10 24"-0" WIDE MIN. & CLEAR TO THE SKY FIRE LANE PER THE CITY OF CHINO'S FIRE DEPARTMENT STANDARDS
- 11 PREFABRICATED CONCRETE BUMPER, TYPICAL
- 12 (E) CURB AND GUTTER, TYP.
- 13 (E) LIGHT POLE, TYP.
- 13A (E) LIGHT POLE TO BE RELOCATED
- 14 (E) POWER POLE, TO BE RELOCATED
- 15 (E) PUBLIC FIRE HYDRANT
- 16 (N) PUBLIC FIRE HYDRANT
- 17 (N) PRIVATE FIRE HYDRANT
- 18 10'-0" HIGH CONCRETE TILT UP SCREEN WALL, COLOR AND REVEALS TO MATCH THE BUILDING, SEE ELEVATIONS.
- 19 10'-0" WROUGHT IRON SLIDING GATE, WITH 1" SQUARE TUBE STEEL PICKETS SPACED AT 6" O.C., PROVIDE PERFORATED SHEET METAL AFFIXED TO THE INSIDE SURFACE PROVIDING MINIMUM 50% SCREEN. PROVIDE FIRE DEPARTMENT KNOX BRAND KEY SWITCH COMPLIANT WITH ONTARIO FD STANDARDS #B-003, #B-004 & #H-001 PROVIDE ELECTRICAL CONDUIT FOR GATE OPENER FUTURE USE
- 20 8'-0" WROUGHT IRON FENCE
- 21 ENHANCED PEDESTRIAN ACCESS, TOP CAST ACID WASH CONCRETE GRAPHITE COLOR WITH SCORE LINES PER DESIGN.
- 22 EXTERIOR PATIO "BY OTHERS" SEE RAD PLANS.
- 23 CONCRETE STAIRS, MEDIUM BROOM FINISH TYPICAL. SEE GRADING PLANS FOR ELEVATIONS.
- 24 ENHANCED DRIVEWAY APPROACH, 6" MIN. THICK, 3500 PSI
- 25 TRACTOR TRAILER PARKING STALL, TYPICAL
- 26 EXISTING SIDEWALK.
- 27 LITHONIA KBC8 LED BLACK, LIGHTED BOLLARD AT ENTRY
- 28 FUTURE EVSE LOCATION COMPLIANT TO CGBCS § 5.106.5.3.2 SEE ELECTRICAL PLANS
- 29 LOCATION OF INTERIOR ROOF DRAIN, SEE CIVIL PLANS, TYP.
- 30 RUBBER BUMPER BY OTHERS, TYPICAL, PROVIDE EDGE OF DOCK LEVELERS WHERE NO PIT LEVELER IS PROVIDED.
- 31 BICYCLE RACK, (5 PARKING SPACES EACH), SEE
- 31A 2'-0" x 6'-0" SHORT TERM BICYCLE SPACES
- 31B 2'-0" x 6'-0" LONG TERM BICYCLE SPACES
- 32 PROPOSED LOCATION OF FIRE SPRINKLER RISER
- 33 6" DIAM. CONCRETE FILLED PIPE BOLLARD, TYPICAL.
- 34 FORKLIFT RAMP, SEE CIVIL DRAWINGS
- 35 NO SMOKING SIGNAGE WITHIN 25'-0" OF BUILDING ENTRIES, OUTDOOR AIR INTAKES, OPERABLE WINDOWS, AND WITHIN THE BUILDING.
- 36 3'X7' HOLLOW METAL MAN DOOR (TYPICAL) WITH 60"x60" LANDING.
- 37 6" WIDE MOWSTRIP @ PROPERTY LINE, TYPICAL
- 38 6" WIDE, 6" MIN. HIGH CONCRETE CURB, TYPICAL. CURB TO BE 1' WIDE WHEN ADJACENT TO PARKING STALLS, SEE GRADING PLANS
- 39 ACCESSIBLE PARKING, TYP
- 40 CONCRETE APRON: 6" THICK CONCRETE PAVING OVER 4" CLASS 2 AGGREGATE OVER 12" (80%) COMPACTED SUBGRADE, 3,000 PSI W/ #3 REBAR @ 18" O.C. EACH WAY, 4" SLUMP CONTROL JOINTS AT 20'-0" O.C. EACH WAY, HEAVY BROOM FINISH. SEE CIVIL PLANS.
- 41 PARKING SPACES FOR CLEAN AIR VEHICLE / CARPOOL PARKING
- 42 DESIGNATED SMOKING AREA FURTHER THAN 25' AWAY FROM BUILDING DOORS AND VENTILATION OPENINGS.
- 43 PIT STYLE DOCK LEVELER, TYPICAL EVERY OTHER TRUCK DOOR
- 44 TRANSFORMER PAD, SCREENED WITH LANDSCAPING MATERIAL, COORDINATE WITH THE UTILITY EXACT LOCATION.
- 45 PROPOSED LOCATION OF PIV VALVE COMPLETELY SCREENED
- 46 UTILITY EASEMENT TO BE QUITCLAIMED
- 47 INGRESS / EGRESS & PARKING EASEMENT
- 48 OUTDOOR EMPLOYEE BREAK AREA

A100
CHINO GATEWAY INDUSTRIAL
 5885 SCHAEFER AVE., CHINO, CA - CONCRETE TILT UP WAREHOUSE / OFFICE BUILDING - UTR # 0180SCHAEFER

GATEWAY TERMINAL LLC
 13525 CITY CENTER DR.
 SUITE 200
 CHINO HILLS, CA 91709

O.C. DESIGN & ENGINEERING
 7801 CROSSWAY DRIVE
 PICO RIVERA, CA 90660
 TEL 952.942.9804

LICENSED ARCHITECT
 STATE OF CALIFORNIA
 C-34308
 JUDITH WILSON

SITE PLAN
 SCALE: INDICATED
 PROJECT NO. A-24-007
 DATE: 07-23-2024
 SHEETS: 1

LEGEND

- LANDSCAPE AREA BY OTHERS
- PEDESTRIAN PERMEABLE PAVERS BY OTHERS
- VEHICULAR CONCRETE PAVING
- PEDESTRIAN CONCRETE PAVING
- RETAINING WALL
- PROPERTY LINE
- GRADE BREAK
- RIDGE LINE
- FLOW LINE
- FIRE WATER PIPE
- IRRIGATION WATER PIPE
- SANITARY SEWER PIPE
- STORM DRAIN PIPE (SEE SHEET 14)
- WATER PIPE
- CATCH BASIN
- AREA DRAIN
- POINT OF CONNECTION
- POINT OF CONNECTION TO BUILDING
- BACKFLOW ASSEMBLY
- WATER METER VAULT

CONSTRUCTION NOTES

SANITARY SEWER

- (SS1) CONTRACTOR TO LOCATE AND CONNECT TO EXISTING SEWER MAIN.
- (SS2) INSTALL 6" PVC LATERAL PER CITY OF CHINO PWD STD DWG 109, 500A & 500B. SIZE TO BE CONFIRMED.
- (SS3) INSTALL PVC SEWER PIPE. (MIN SLOPE = 2%)
- (SS4) INSTALL SEWER CLEANOUT/ SAMPLING WYE PER CITY OF CHINO PWD STD DWG 527.
- (SS5) POINT OF CONNECTION TO BUILDING PLUMBING. SEE PLUMBING PLANS FOR CONTINUATION, DETAIL AND SPECIFICATION.
- (SS6) FUTURE GREASE INTERCEPTOR. SIZE TO BE CONFIRMED.
- (SS7) INSTALL MONITORING MANHOLE OR MONITORING VAULT PER CITY OF CHINO PWD STD DWG 530 OR 531. DEPTH OF SEWER TO BE CONFIRMED.

DOMESTIC WATER

- (W1) CONTRACTOR TO ORDER AND COORDINATE NEW DOMESTIC WATER SERVICE CONNECTION. SEE CITY OF CHINO PWD STD DWG 415A.
- (W2) 3" DOMESTIC WATER METER. SIZE TO BE CONFIRMED.
- (W3) INSTALL PVC WATER PIPE.
- (W4) INSTALL APPROVED REDUCED PRESSURE BACKFLOW PREVENTOR PER CITY OF CHINO PWD STD DWG 471 & 472. SIZE TO BE CONFIRMED.
- (W5) POINT OF CONNECTION TO BUILDING PLUMBING. SEE PLUMBING PLANS FOR CONTINUATION, DETAIL AND SPECIFICATION.
- (W6) CONTRACTOR TO REMOVE WATER METER AND SERVICE IN IT'S ENTIRETY. SEE CITY OF CHINO PWD STD DWG 425

FIRE WATER

- (F1) CONTRACTOR TO ORDER AND COORDINATE NEW 10" FIRE WATER SERVICE CONNECTION. SEE CITY OF CHINO PWD STD DWG 415A. SIZE TO BE CONFIRMED.
- (F2) INSTALL APPROVED DOUBLE DETECTOR CHECK VALVE ASSEMBLY PER CITY OF CHINO PWD STD DWG 473. SIZE TO BE CONFIRMED.
- (F3) INSTALL C900 PVC WATER PIPE. SIZE TO BE CONFIRMED.
- (F4) POINT OF CONNECTION. SEE PLUMBING PLANS FOR CONTINUATION, DETAIL AND SPECIFICATION.
- (F5) INSTALL FIRE HYDRANT PER CITY OF CHINO PWD STD DWG 445A.
- (F6) INSTALL GATE VALVE, RISER & COVER PER CITY OF CHINO PWD STD DWG 450.
- (F7) FIRE SERVICE WATER METER. SIZE TO BE CONFIRMED.

IRRIGATION WATER

- (IR1) CONTRACTOR TO COORDINATE WATER SERVICE CONNECTION. SEE CITY OF CHINO PWD STD DWG 410A.
- (IR2) 1.5" IRRIGATION WATER METER. SIZE TO BE CONFIRMED.
- (IR3) INSTALL PVC WATER PIPE. SIZE TO BE CONFIRMED.
- (IR4) INSTALL APPROVED REDUCED PRESSURE BACKFLOW PREVENTOR PER CITY OF CHINO PWD STD DWG 470. SIZE TO BE CONFIRMED.
- (IR5) POINT OF CONNECTION TO IRRIGATION SYSTEM. SEE IRRIGATION PLANS FOR CONTINUATION, DETAIL AND SPECIFICATION.

ELECTRICAL

- (E1) PROPOSED TRANSFORMER. SEE ELECTRICAL PLANS.

GAS

- (G1) CONTRACTOR TO ORDER AND COORDINATE NEW GAS SERVICE.

NOTES:

1. BACKFLOWPREVENTORS SHOWN HEREON, ARE FOR COORDINATION PURPOSES ONLY.
2. THRUST BLOCKS SHALL BE INSTALLED AS REQUIRED PER CITY OF CHINO PWD STD DWG 460.
3. ALL WATER PIPING SHALL MAINTAIN A MINIMUM 10 FOOT SEPARATION FROM ANY SANITARY SEWER APPURTENANCE OR PIPING.

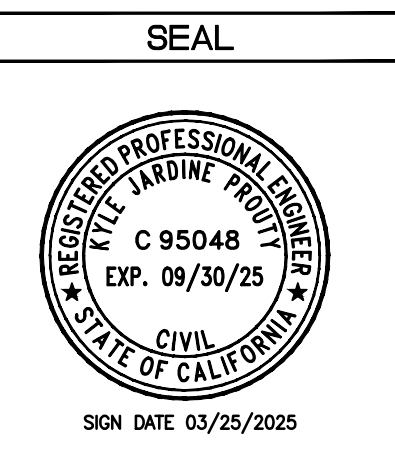
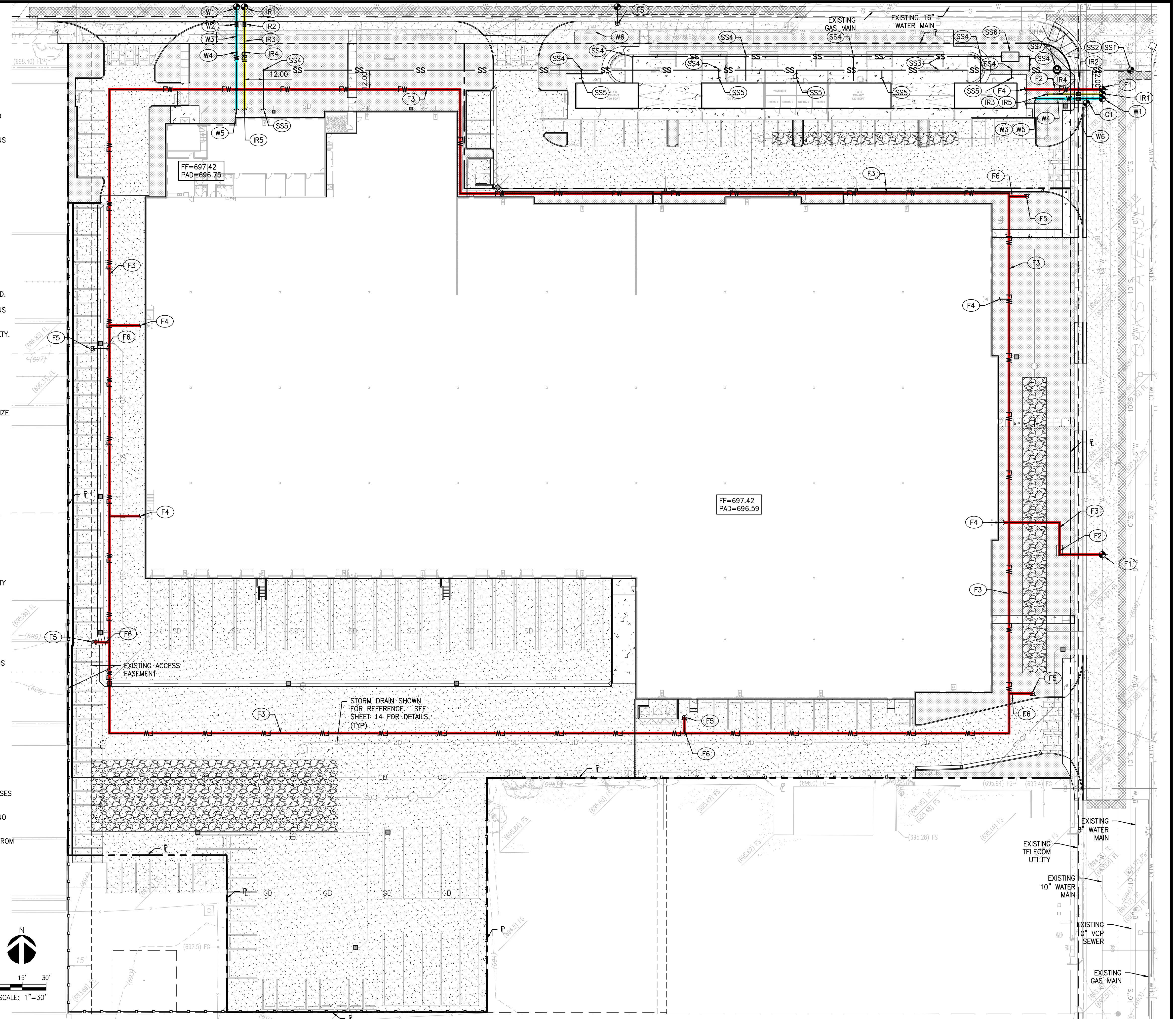
ENGINEER'S NOTICE TO CONTRACTOR

THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

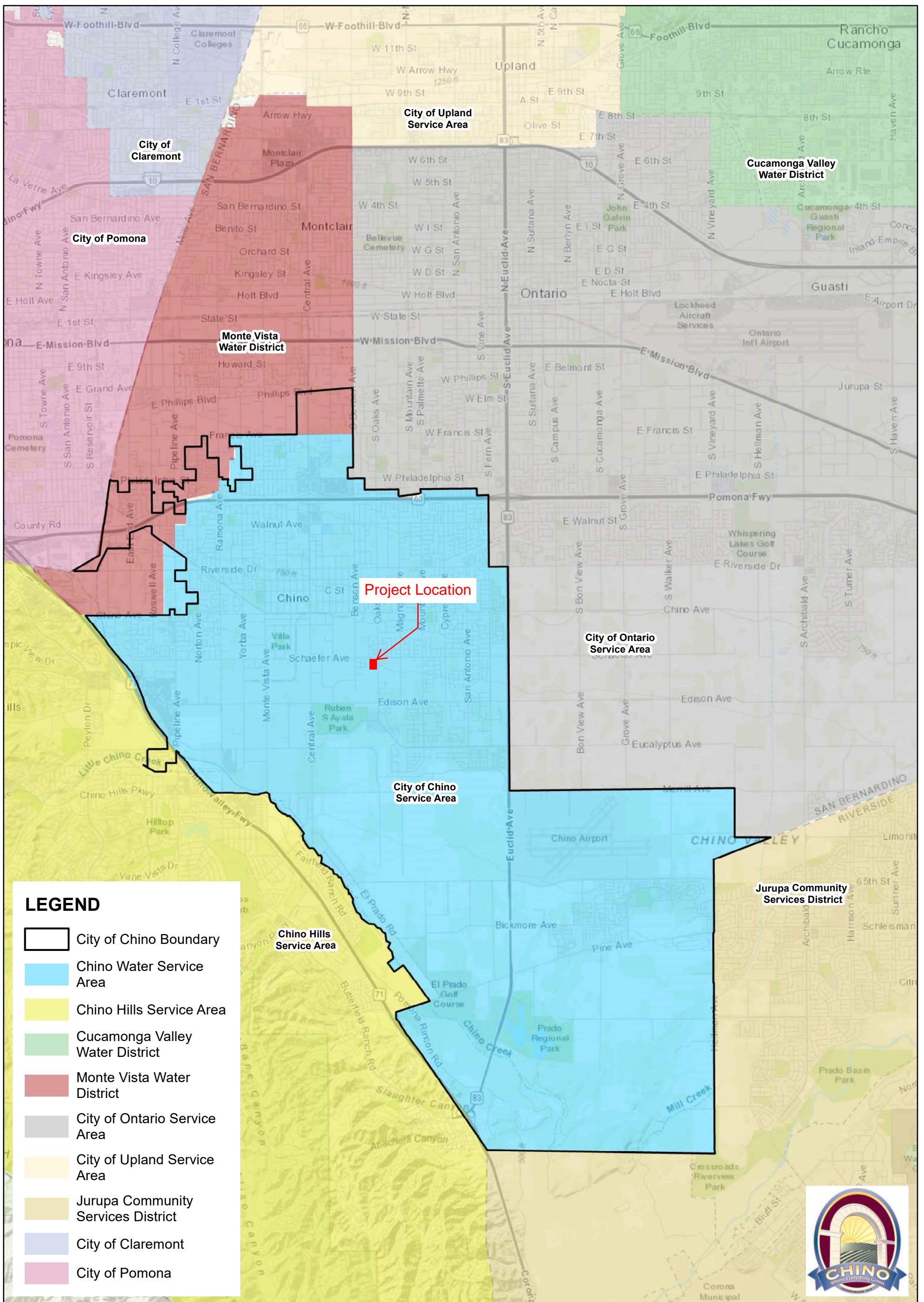
UNDERGROUND UTILITIES & STRUCTURES

THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITY PLANS OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS AND MAY NOT REFLECT ALL EXISTING UTILITIES. THE CONTRACTOR SHALL TAKE DUE PRECAUTIONS OF THE RECORDED UTILITIES AS WELL AS ANY NOT SHOWN AND SHALL CONFIRM ALL ALIGNMENTS AND GRADES BY FIELD INVESTIGATIONS. THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN, AND IS RESPONSIBLE FOR THE PROTECTION OF, AND ANY DAMAGE TO THESE LINES OR STRUCTURES.

CAUTION: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.



PREPARED BY FIRM: PACIFIC CONSULTING GROUP, INC. ADDRESS: 2239 STATE AVE., #B COSTA MESA, CA 92627 TELEPHONE: (818) 800-6991 FAX: ()	REVISIONS ▲ PLANNING SUBMITTAL ▲ 1ST RE-SUBMITTAL ▲ 2ND RE-SUBMITTAL ▲ 3RD RE-SUBMITTAL	MADE BY DATE 8/13/24 10/17/24 12/18/24 3/25/25	APPROVED BY DATE	BENCH MARK DATA NO. 137/57 ELEV. 697.5040 FT LOCATION: FOUND 2 1/2" BRASS DISC LOCATED IN THE TOP OF CURB, 5' EAST OF THE CORNER OF THE NORTHWEST CURB AND BEING 58.5' WEST AND 36.5' NORTH OF THE CENTERLINE INTERSECTION OF BENSON AVENUE AND SCHAEFER AVENUE.	REFERENCE DRAWINGS	REVIEWED BY STAFF WATER: SEWER: FIRE: PLANNING: TRAFFIC: SERVICES:	BY DATE	CITY ENGINEER'S STAFF DRAWN: DESIGNED: CHECKED: RECOMMENDED:	BY DATE	APPROVED BY: PUBLIC WORKS DIRECTOR DATE: CITY ENGINEER DATE:	CITY OF CHINO ENGINEERING DIVISION GATEWAY CHINO 5885 SCHAEFER AVE UTILITY PLAN	PROJECT NO. SHEET 16 OF 18 DRAWING NO.
--	--	--	----------------------------	--	---------------------------	---	-------------------	---	-------------------	---	---	--

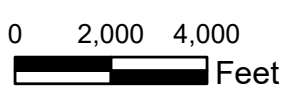
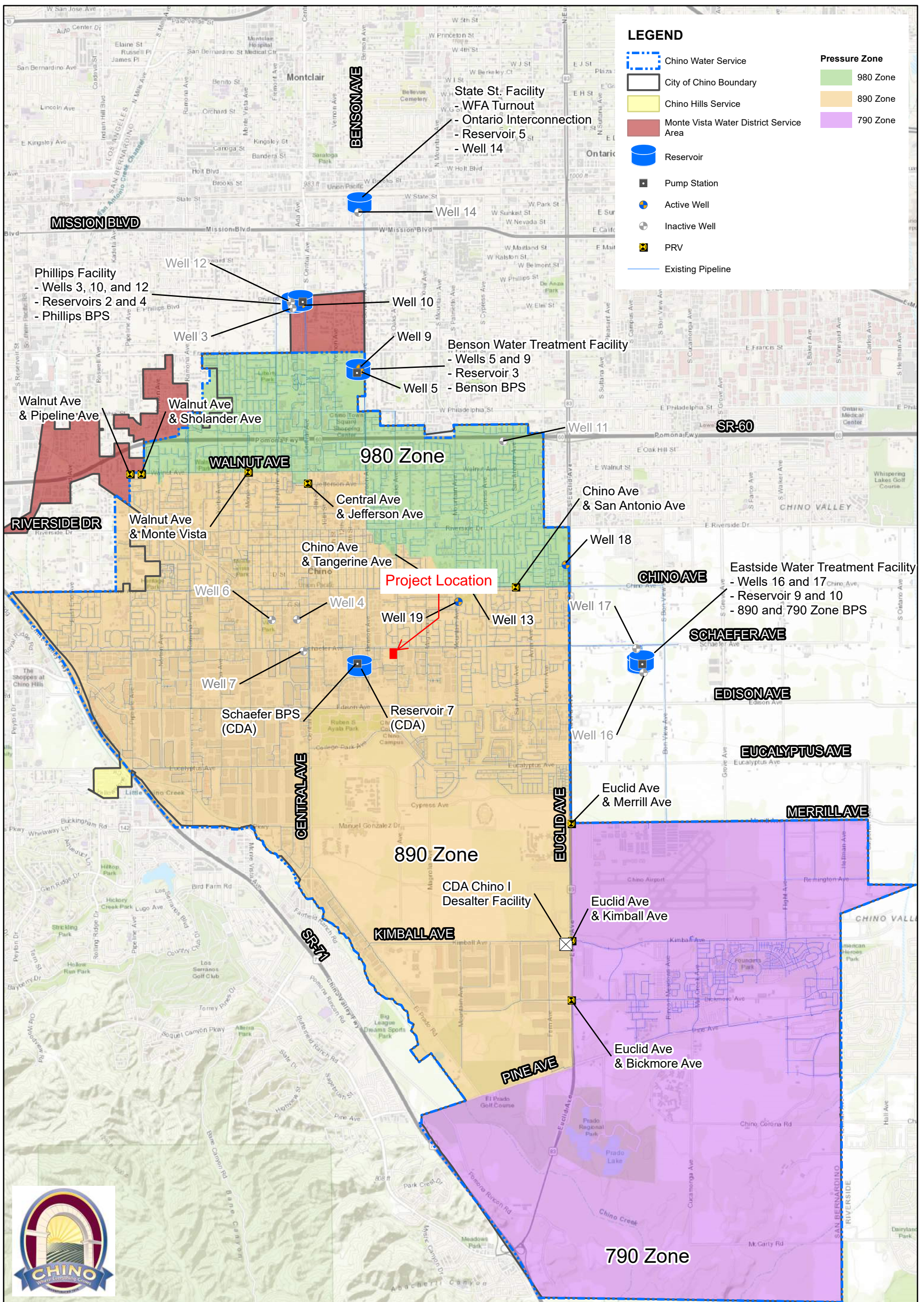


SERVICE AREA

EXHIBIT 1-1

CHINO WATER MASTER PLAN UPDATE

JANUARY 2022

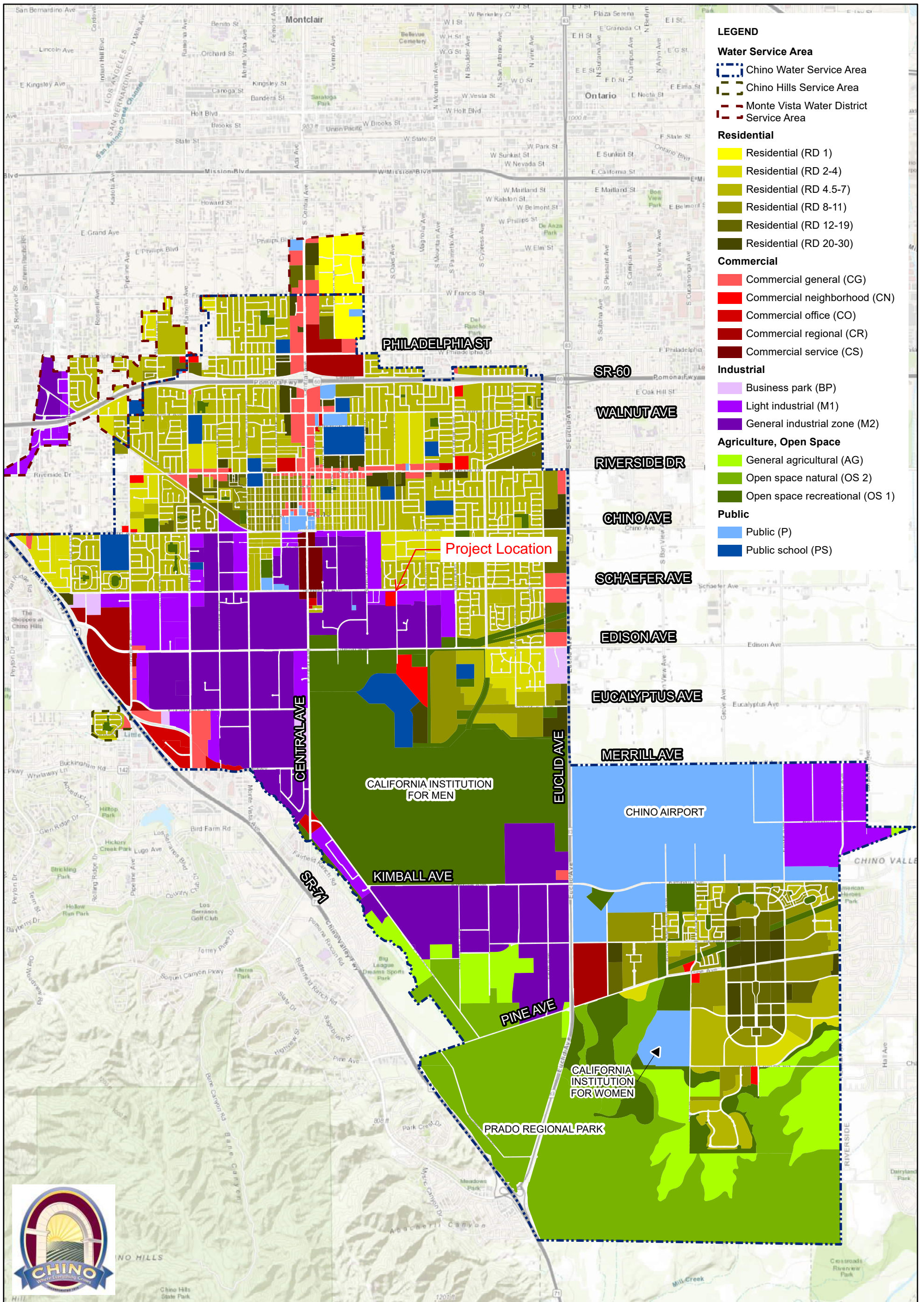


WATER SYSTEM MAP

EXHIBIT 2-1

CHINO WATER MASTER PLAN UPDATE

JANUARY 2022



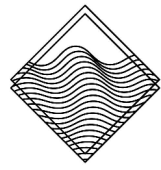
0 2,000 4,000 Feet

LAND USE MAP

EXHIBIT 1-2

CHINO WATER MASTER PLAN UPDATE

JANUARY 2022



PACIFIC CONSULTING GROUP

Appendix C

Supporting Documents

2239 State Ave, #B
Costa Mesa, California 92627
(818) 800 6991
Kyle@pacificconsultinginc.com



Fire Flow Request

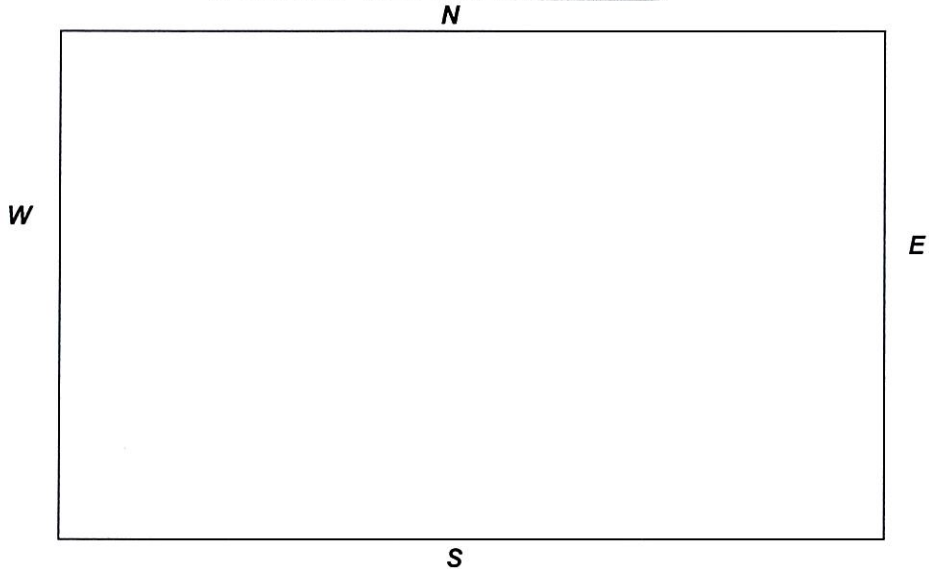
A function performed by the Water Department

Complete the information below including a sketch (no attachments are accepted). Make a payment of \$196 to the Cashier in Utility Billing. Forward your request and receipt to the Public Works Engineering Department (909) 334-3265.

Tests are performed by the Public Works Water Division located at 5050 Schaefer Avenue. The test results will be processed within 7 to 10 business days excluding Friday and emailed electronically. Please forward all questions to Pete Vicario at (909) 334-3266 pvicario@cityofchino.org.

File Number (Office Use)	89072524A
Building Address	5885 Schaefer Ave.
Nearest Cross Street	Oaks Ave.
Owner or Requestor	HK Ventures, Inc.
Address	13925 City Center Drive, Suite 200 Chino Hills, CA 91709
Telephone No.	(714) 869-0560 x701
Fax No.	
E-mail	annie@hkv.one

SKETCH OF HYDRANT LOCATION (S)



Date Paid: _____ Receipt No. _____ Cash Check # _____ Visa MC

INFORMATION OF FIRE FLOW AVAILABILITY

(To be completed by Water Purveyor Only)

City of Chino
Public Works Engineering
13220 Central Avenue
Chino, CA 91710
(909) 464-8307

The following theoretical-flow information is representative of water supply availability for the date and time shown. Water system flows and pressures are subject to fluctuations due to factors affecting the distribution of water supply or seasonal changes in consumption/demand.

MONITORED HYDRANT

HYDRANT NUMBER: _____ LOCATION: 5911 Schaefer Ave.

STATIC PSI: 72 RESIDUAL PSI: 60

DISTANCE FROM PROPOSED STRUCTURE: 50 feet HYDRANT TYPE/SIZE: 4 x 2.5

SIZE OF WATER MAIN (Looped/one-way flow): 10 inch

FLOWED HYDRANT

HYDRANT NUMBER: _____ LOCATION: 5911 Schaefer Ave.

PITOT: 32

DISTANCE FROM PROPOSED STRUCTURE: 100 feet HYDRANT TYPE/SIZE: 4 x 2.5

SIZE OF WATER MAIN (Looped/one-way flow): 10 inch

CALCULATED FIRE FLOW (Based on Pitot Gauge Reading): actual flow 2430 gpm (5364 gpm @ 20 psi)

Is it projected that the pressure zone(s) will change? If yes, explain. _____ YES X _____ NO

TESTER NAME: Pete Vicario III TITLE: Water Utilities Superintendent

DATE/TIME OF TEST: 7-25-2024 SIGNATURE: 

REMARKS: _____

THIS INFORMATION IS CONSIDERED VALID FOR THE DATE AND TIME OF TEST ONLY

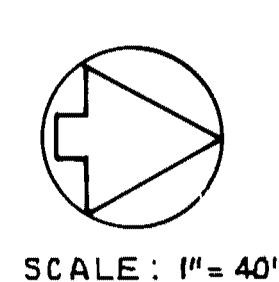
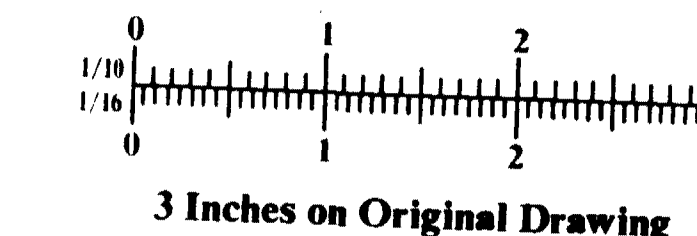
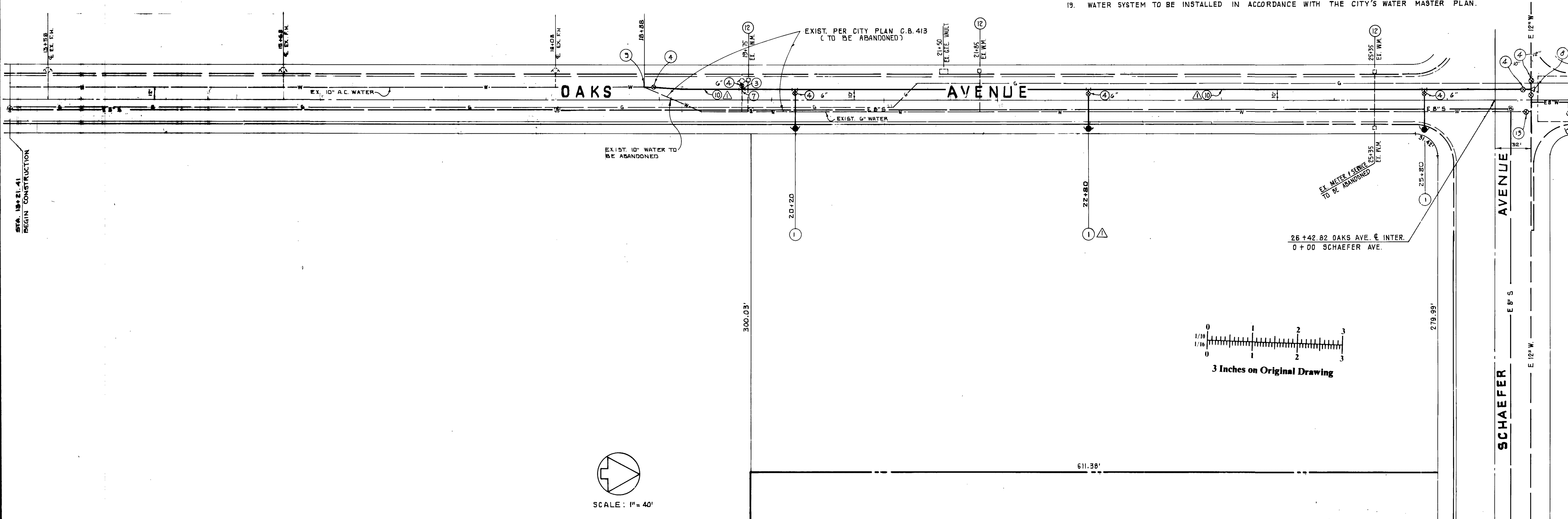
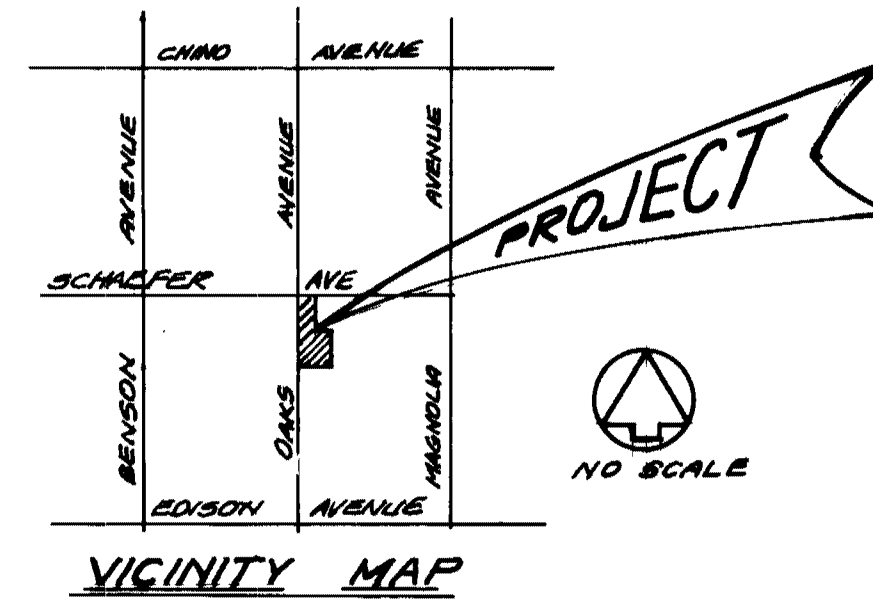
Any and all approvals by the Fire Department will be issued by the Fire Prevention Division only.
Deficiencies in water systems shall be resolved prior to building permit(s) or recordation.

GENERAL NOTES & WATER SYSTEM CONSTRUCTION

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF CHINO STANDARDS AND SPECIFICATIONS
- IN SUBMITTING A BID FOR CONSTRUCTION OF WATER SYSTEM CERTAIN ALTERATIONS IN MATERIALS OTHER THAN THOSE SHOWN HEREON MAY BE CONSIDERED BY THE CITY ENGINEER AND ARE ON FILE IN HIS OFFICE CONTACT HIM BEFORE SUBMITTING A BID ON ANY ALTERNATE ITEM.
- FIRE HYDRANT ASSEMBLIES SHALL BE CONSTRUCTED PER CITY OF CHINO STANDARDS AND SPECIFICATIONS.
- ALL WATER MAINS WITHIN THIS SUBDIVISION SHALL BE LAID WITH 32" COVER.
- LOT SERVICE CONNECTIONS SHALL BE CONSTRUCTED AS SHOWN HEREON AND INSTALLED PER STANDARD NO.302
- A COPPER WIRE, 14 AWG. SHALL BE LAID ON TOP OF PUBLIC WATER MAIN WITH CONDUCTING CONNECTION TO THE B-FLY VALVE AND WRAPPED AROUND THE MAIN AT 10' INTERVALS.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND IDENTIFY ALL UNDERGROUND LINES AND SUBSTRUCTURES OF EVERY NATURE AND PROTECT THEM FROM DAMAGE.
- ALL B-FLY VALVES SHALL BE BOLTED TO TEE AND SHALL CONFORM TO THE CITY OF CHINO SPECIAL PROVISIONS FOR VALVES. (SPECIAL SECT.142)
- PRESSURE TESTING AND CHLORINATION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHINO STANDARDS AND SPECIFICATIONS.
- BACKFILL AND TRENCH COMPACTION SHALL CONFORM TO THE CITY OF CHINO SPECIAL PROVISIONS FOR TRENCH COMPACTION. (SPECIAL SECT. 114)
- THE DEVELOPER SHALL CONTACT SOUTHERN CALIFORNIA EDISON COMPANY FOR THE INSTALLATION OF STREET LIGHTS, MAKE FINANCIAL ARRANGEMENTS AND NOTIFY EDISON WHEN WORK IS TO COMMENCE WITH STREET LIGHT INSTALLATION. THE CITY DOES NOT ASSUME RESPONSIBILITY OTHER THAN THE LOCATION OF STREET LIGHTS REQUIRED.
- A "W" SHALL BE STAMPED ON THE CURB FACE AT WATER LATERAL LOCATIONS.
- ALL WATER MAINS SHALL BE ASBESTOS CEMENT PIPE CLASS 200
- ALL WATER METERS SHALL BE IN AREAS PROTECTED FROM VEHICULAR AND PEDESTRIAN TRAFFIC.
- GAS LINES TO BE CONSTRUCTED BY THE SOUTHERN CALIFORNIA GAS CO.
- THE CONTRACTOR SHALL FURNISH THE CITY ENGINEER WITH "AS BUILTS"
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL WATER SERVICES PRIOR TO CONSTRUCTION.
- A VALVE BOX AND COVER SHALL BE INSTALLED AT EACH BUTTERFLY VALVE. VALVE BOXES SHALL BE 6 INCH DIAMETER GALVANIZED STEEL TELESCOPING TYPE. VALVE BOX CAPS SHALL BE ALHAMBRA FOUNDRY NO. A29606 DESIGNATED WATER BROOKS PRODUCTS 8 3/4 INCH DIAMETER TRAFFIC BOX AND COVER MARKED WATER MAY BE USED AT THE OPTION OF THE CONTRACTOR.
- WATER SYSTEM TO BE INSTALLED IN ACCORDANCE WITH THE CITY'S WATER MASTER PLAN.

CONSTRUCTION NOTES & QUANTITY ESTIMATE

NO.	DESCRIPTION	AMOUNT	UNIT
1	INSTALL FIRE HYDRANT ASSEMBLY PER CITY STD. 500	4	EA.
2	CONST. 6" V.C.P. SEWER LATERAL	34	L.F.
3	INSTALL 10" X 18" TEE	1	EA.
4	INSTALL BUTTERFLY VALVE, SIZE AS SHOWN 10"-2BA, 12"-1BA, 6"-5 EA B-1, EA.	9	EA.
5	INSTALL 8" S x 6" TEE	1	EA.
6	CAP 6" WATER MAIN	1	EA.
7	CAP 6" WATER MAIN	2	EA.
8	INSTALL THROUGH BLOCK PER CITY OF CHINO STD. PLAN NO. 304	2	EA.
9	JOIN EXIST. 10" WATER AND CAP EXIST. 10" PORTION TO BE ABANDONED	1	EA.
10	INSTALL 10" A.C.P. WATER MAIN CLASS 200	787	L.F.
11	INSTALL 6" A.C.P. WATER MAIN CLASS 200	100	L.F.
12	INSTALL 6" A.C.P. WATER MAIN CLASS 200 TRANSFERRED TO THE NEW	3	EA.
13	CUT & PLUS 6" A.C.P. & REMOVE VALVE CAN	-	-



SEE SHEET 2 FOR SYCAMORE WAY

BOYER ENGINEERING CO. INC. 2580 AIRWAY AVENUE SUITE B-2 COSTA MESA, CALIF. 92626 (714) 966-0808 APPROVED UNDER THE SUPERVISION OF 11/20/79	DATE	BY	REVISION	APP'D	BENCH MARK NO. <i>A-5</i> ELEV. <i>700.83</i>	APPROVED BY	DATE	CITY ENGINEER'S STAFF	DATE	APPROVED BY	City of Chino Engineering Department UTILITY PLAN OAKS AVENUE AND SCHAEFER AVENUE	JOB NO. 125
	12-26-84	<i>[Signature]</i>	REVISE WATER CONST. & QUANTITIES	<i>[Signature]</i>	LOCATION: CONC. MAIL IN E. CURB OF OAKS AVE 80' SOUTH OF CENTERLINE OF SCHAEFER AVE. CORRECTED 10-25-78	TRAFFIC				<i>[Signature]</i>		Sht. 1 of 2
						WATER <i>[Signature]</i>	8-27-84			CITY ENGINEER <i>[Signature]</i>	DWG. NO. CB-566	
						SEWER				DATE <i>10-3-84</i>		

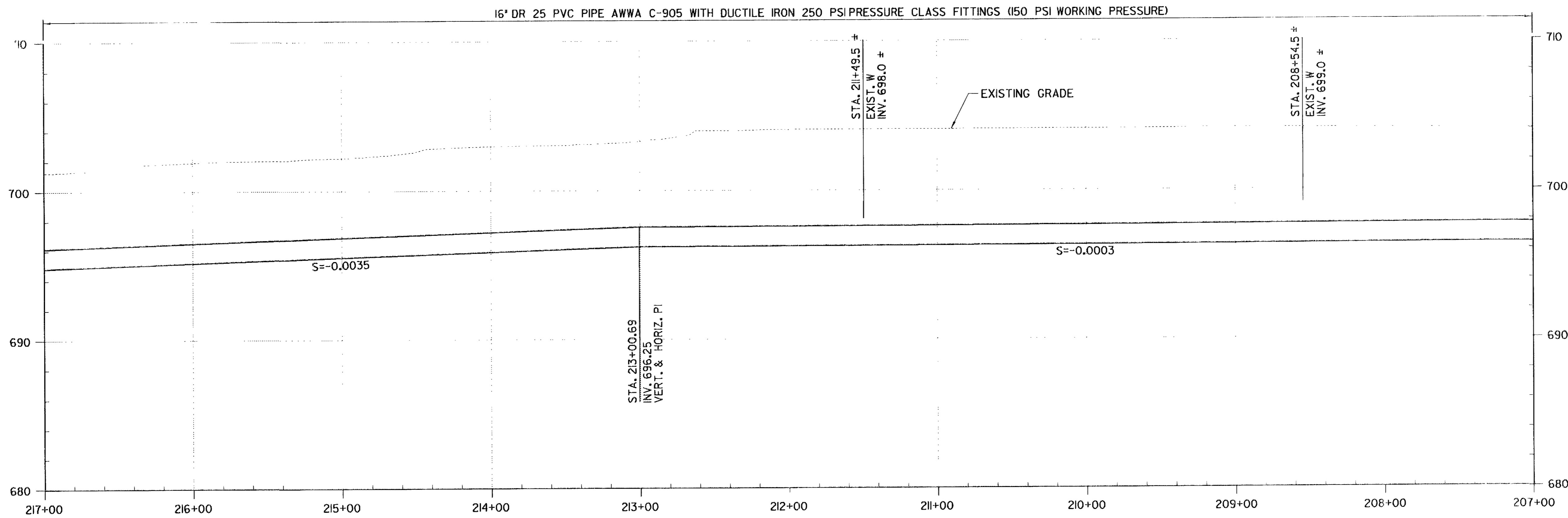
REVISED 11/04/84
 REVISION 7/15/84
 REVISION 7/15/84
 REVISION 6/10/84

DATE: 17-DEC-1998

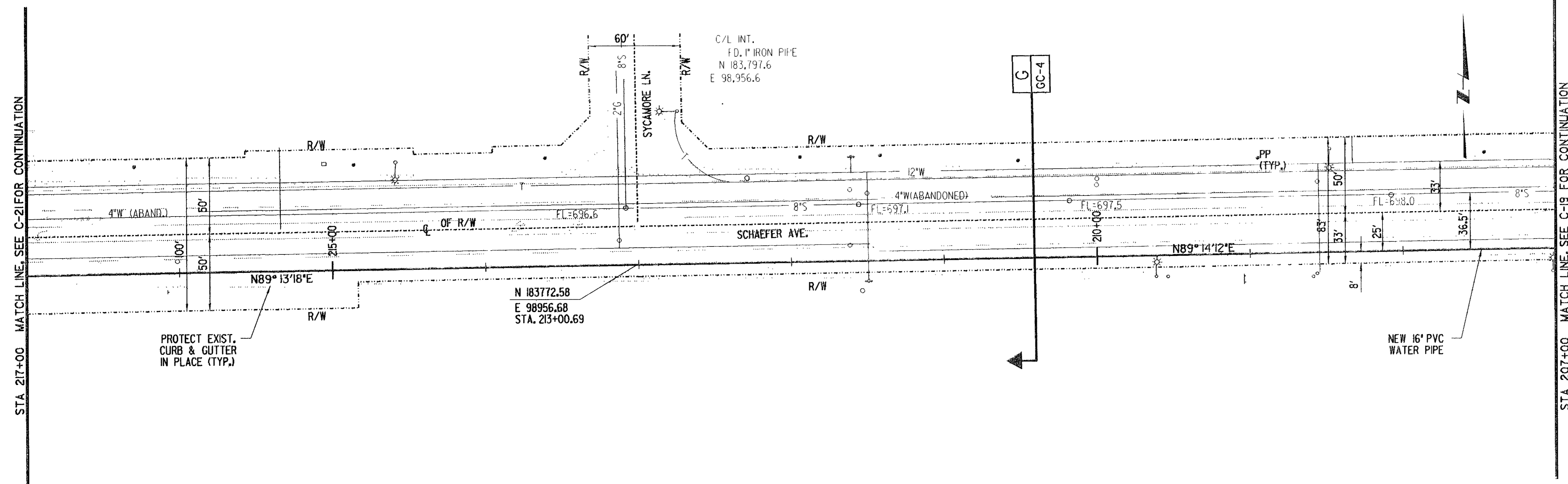
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LOGIN NAME: mnazarian
JOB No. 102805207090537



PROFILE



PLAN

Janney
12/31/97

REV	DATE	BY	DESCRIPTION
R	10/00	MBJ	RECORD DWG.

SCALE:
1"=40' HORIZ.
1"=4' VERT.

WARNING
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

DESIGNED: TBUI
DRAWN: TBUI
CHECKED: IHAMAWI

SUBMITTED: *[Signature]* 49365 12/21/98
PROJECT ENGINEER R. C. E. NO. DATE
RECOMMENDED: *[Signature]* 25053 12/21/98
MONTGOMERY WATSON R. C. E. NO. DATE



MONTGOMERY WATSON
Pasadena, California

SAWPA APPROVAL ON COVER SHEET

SANTA ANA WATERSHED PROJECT AUTHORITY
CHINO BASIN DESALINATION PROGRAM
CITY OF CHINO OFFSITE FACILITIES
PLAN AND PROFILE
STATION 207+00 TO 217+00
CB-1285D

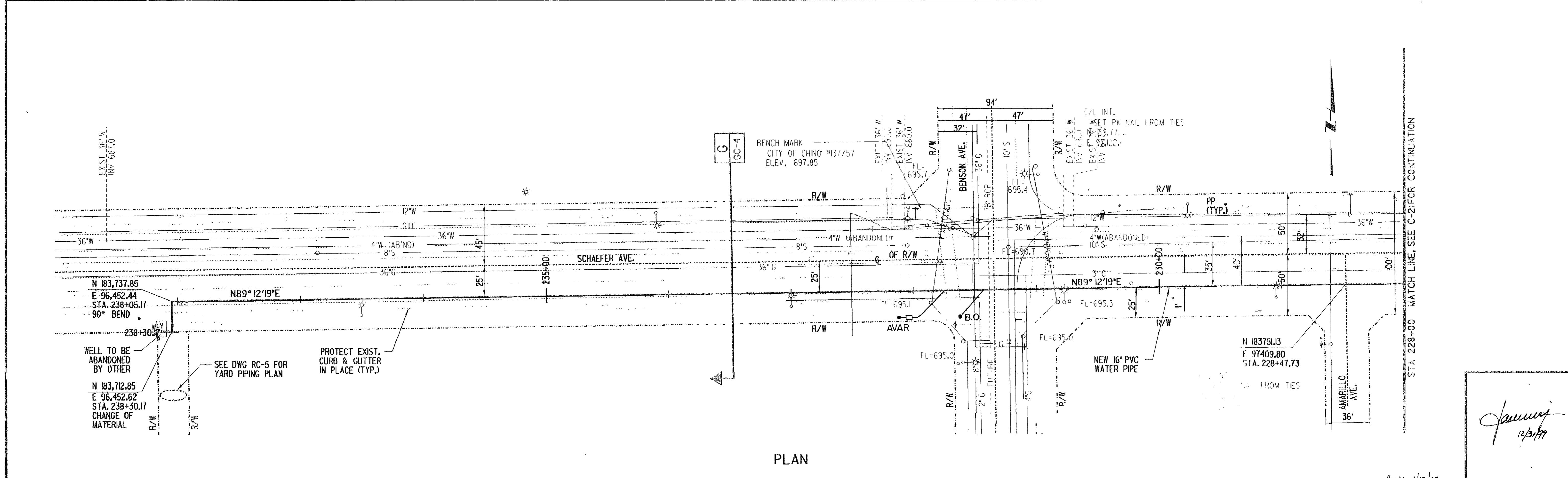
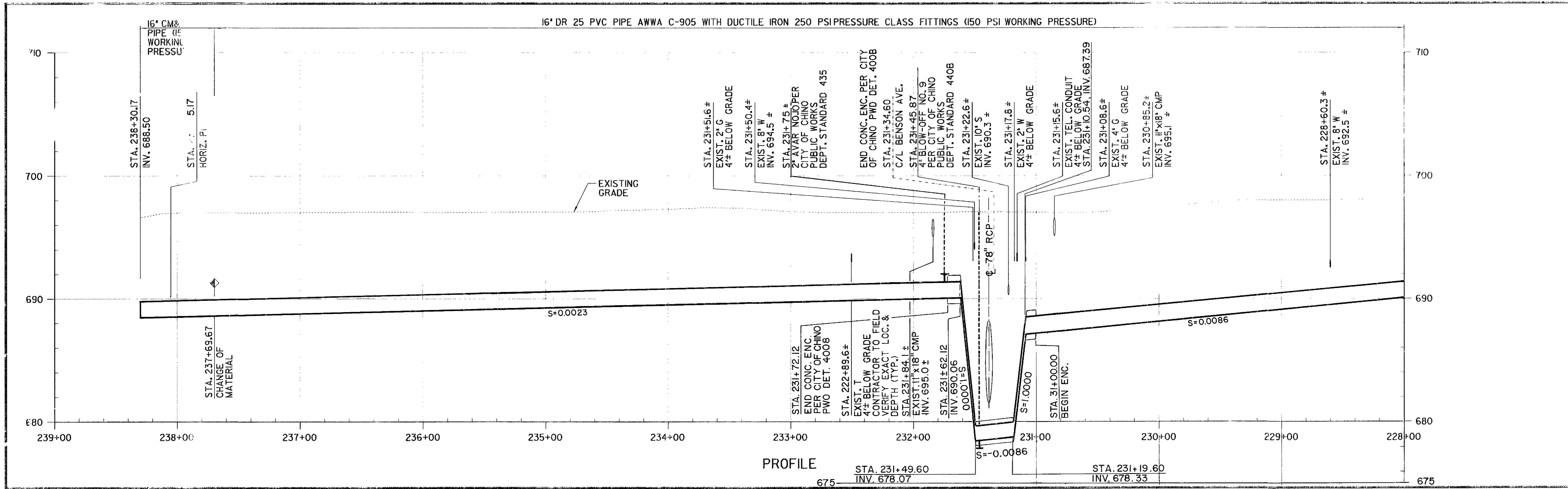
SHEET
C-20
OF 91 SHEETS

DATE: 17-DEC-1998

TIME: 11:22

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LOGIN NAME: intazariari
JOB No. 1026052.07090597



REV	DATE	BY	DESCRIPTION
R	10/00	MBJ	RECORD DWG.

SCALE:
1"=40' HORIZ.
1"=4' VERT.

WARNING
0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

DESIGNED: TBUI
DRAWN: TBUI
CHECKED: IHAMAWI

SUBMITTED: *William Lee* 49365 12/21/98
PROJECT ENGINEER R. C. E. NO. DATE
RECOMMENDED: *William Lee* 25053 12/21/98
MONTGOMERY WATSON R. C. E. NO. DATE

MONTGOMERY WATSON
Pasadena, California

SAWPA APPROVAL ON COVER SHEET

SANTA ANA WATERSHED PROJECT AUTHORITY
CHINO BASIN DESALINATION PROGRAM
CITY OF CHINO OFFSITE FACILITIES

25/25
PLAN AND PROFILE
STATION 228+00 TO 238+36.51

DATE: 1/12/97
SHEET: C-22
OF 91 SHEETS

January
12/31/97