

GENERAL NOTES

- ALL WORK SHALL BE IN ACCORDANCE WITH THESE PLANS, THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION), WITH SUPPLEMENTS, AND THE STANDARD PLANS AND SPECIFICATIONS OF THE CITY OF GRAND TERRACE.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FAMILIARIZE HIMSELF WITH THE JOB SITE AND THE LOCATION OF UNDERGROUND FACILITIES SHOWN OR NOT SHOWN ON THESE PLANS. NEITHER THE CITY OF GRAND TERRACE NOR THE ENGINEER WILL BE RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND FACILITIES.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL NECESSARY PERMITS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CALL THE CITY ENGINEER'S OFFICE AT (909) 825-6621 FOR INSPECTION 24 HOURS PRIOR TO PERFORMING ANY WORK. WORK PERFORMED WITHOUT CALLING FOR INSPECTION SHALL BE REJECTED AND SHALL BE REMOVED SOLELY AT THE CONTRACTOR'S EXPENSE.
- UTILITY CONTRACTORS SHALL BE RESPONSIBLE FOR OBTAINING COMPACTION TESTS OF ALL TRENCH BACK FILL AND SUBMITTING THEM TO THE CITY ENGINEER FOR APPROVAL. NOTIFY CITY ENGINEER'S OFFICE AT (909) 825-6621 24 HOURS PRIOR TO TESTS.
- THE CONTRACTOR SHALL SATISFY HIMSELF THAT THE ESTIMATED QUANTITIES SHOWN ARE CORRECT BEFORE BIDDING ON ANY ITEM.
- THE CONTRACTOR SHALL MAINTAIN DUST CONTROL AT ALL TIMES.
- ALL EXISTING PAVEMENT TO BE REMOVED SHALL BE SAWCUT AND REMOVED TO CLEAN STRAIGHT LINES.
- AT ALL LOCATIONS WHERE NEW PAVEMENT JOINS EXISTING, THE EXISTING PAVEMENT SHALL BE CLEANED AND COATED WITH AN ASPHALTIC EMULSION.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY VALVES, BOXES, COVERS, AND ADJUSTING OF ALL CITY WATER VALVE BOXES AND COVERS TO FINISH GRADE.
- THE CONTRACTOR SHALL RESET MANHOLE RINGS TO SURROUNDING A.C. PAVEMENT GRADE.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (U.S.A.), PHONE NUMBER 1(800) 227-2600, TWO WORKING DAYS BEFORE DIGGING. NO INSPECTION WILL BE PROVIDED BY THE CITY ENGINEER'S OFFICE, AND NO CONSTRUCTION PERMIT ISSUED BY THE PUBLIC WORKS DEPT. INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES WILL BE VALID UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
- OBSERVANCE OF THE CONTRACTOR'S WORK BY REPRESENTATIVES OF THE CITY ENGINEER'S OFFICE SHALL NOT RELIEVE THE CONTRACTOR OF THE FINAL AND ULTIMATE RESPONSIBILITY FOR THE CONTRACTOR OF THE IMPROVEMENTS IN ACCORDANCE WITH THESE PLANS AND ANY REFERENCED SPECIFICATIONS, STANDARD DRAWINGS OR DETAILS.
- ALL EXPOSED CONCRETE SHALL CONFORM IN GRADE, COLOR AND FINISH TO ALL ADJOINING CURBS AND SIDEWALKS.
- THE CONTRACTOR(S) SHALL COORDINATE CONSTRUCTION WITH ALL UTILITIES AND OTHER IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO, GAS, TELEPHONE, ELECTRICAL, LIGHTING, TELEVISION CABLE, LANDSCAPING, LANDSCAPING IRRIGATION, DOMESTIC WATER, RECLAIMED WATER, SEWER, STORM DRAINAGE, FLOOD CONTROL SYSTEMS, ETC.
- CONTRACTOR IS INSTRUCTED TO REFER TO THESE PLANS AND THE SPECIFICATIONS, AND WHERE THERE IS OR MAY BE A CONFLICT SHALL IMMEDIATELY REPORT SAID CONFLICT OR POSSIBLE CONFLICT TO THE CITY.
- IF EXISTING UTILITIES OR ANY OTHER FACILITIES CONFLICT WITH THE PROPOSED IMPROVEMENTS, WORK SHALL STOP AND THE ENGINEER NOTIFIED IMMEDIATELY. A NO FEE CONSTRUCTION PERMIT SHALL BE OBTAINED FROM THE CITY OF LOMA LINDA ENGINEERING DIVISION PRIOR TO START OF ANY WORK WITHIN THE CITY LIMITS.
- CONTRACTOR IS TO PROTECT PERMANENT MONUMENTS IN PLACE. PERMANENT MONUMENTS DESTROYED BY THE CONTRACTOR, SHALL BE RESET BY THE CONTRACTOR'S SURVEYOR AND CORNER RECORDS FILED WITH THE COUNTY OF SAN BERNARDINO SURVEYOR AT NO ADDITIONAL COST TO THE CITY.

SIGNING AND STRIPING GENERAL NOTES

- ALL WORK, MATERIALS AND EQUIPMENT FOR TRAFFIC SIGNING AND STRIPING SHALL CONFORM TO THESE PLANS AND STANDARD SPECIFICATIONS FOR THE CITY OF LOMA LINDA AND THE STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA.
- PAVEMENT MARKERS AND TRAFFIC STRIPING DIMENSIONS SHALL CONFORM TO CALTRANS STANDARD PLANS, LATEST NON-METRIC EDITION.
- PAVEMENT MARKERS AND LEGENDS SHALL CONFORM TO THE CITY OF LOMA LINDA STANDARD STENCILS.
- ALL STRIPING AND PAVEMENT MARKINGS SHALL BE ALKYD TYPE THERMOPLASTIC, 90 MILS MIN. FOR LANE LINES AND 120 MILS MIN. FOR PAVEMENT MARKINGS, CROSSWALKS, ARROWS AND LEGENDS.
- TRAFFIC SIGN DIMENSION, COLOR AND LETTERING SHALL CONFORM TO THE LATEST CALTRANS SIGN SPECIFICATION SHEETS. SIGN CODES SHOWN HEREON ARE TO CONFORM TO CALTRANS SPECIFICATION SHEET CODES. TRAFFIC SIGN SIZE SHALL BE STANDARD UNLESS OTHERWISE SHOWN ON THE PLANS.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN BARRICADES, DELINEATORS OR OTHER TRAFFIC CONTROL AT ALL TIMES.
- CONTROL POINTS OR "CAT-TRACKING" TO BE APPROVED BY THE ENGINEER 24 HOURS PRIOR TO PAVEMENT STRIPING APPLICATION.
- CROSSWALKS SHALL HAVE 10' BETWEEN CENTERLINES OF 12" STRIPES.

CONSTRUCTION NOTES & QUANTITY ESTIMATES

- REMOVE EXISTING PAINT STRIPING BY GRINDING _____ 930 LF
- COLD MILLING 2" OF EXISTING PAVEMENT AND OVERLAY WITH 2" THICK MIN. OF AC _____ 735 SF
- CONSTRUCT 6" CURB ONLY PER SPPWC STD. DWG. 120-2 _____ 350 LF
- CONSTRUCT 8" FULL DEPTH AC PAVEMENT _____ 356 SF
- SAWCUT AND REMOVE EXISTING AC PAVEMENT _____ 617 SF
- FURNISH AND INSTALL FENCING PER ARCHITECT'S DETAILS SHOWN HEREON _____ 164 LF
- CONSTRUCT 4" PCC (520-C-2500 BETWEEN CURBS) _____ 87 SF
- PROTECT IN PLACE EXISTING SPECIFIED ITEM _____ N/A
- APPLY 12" YELLOW CONTINENTAL CROSSWALK PER CALTRANS LATEST EDITION STD. PLAN A24F & PER DETAIL A HEREON _____ 152 LF
- INSTALL THERMOPLASTIC 6" SOLID WHITE STRIPE _____ 673 LF
- INSTALL THERMOPLASTIC PAVEMENT MARKING AS SHOWN PER CALTRANS STD. PLAN A24A - A24E TYPE IV (L) _____ 1 EA
- INSTALL THERMOPLASTIC PAVEMENT MARKING AS SHOWN PER CALTRANS STD. PLAN A24A - A24E TYPE VII (R) _____ 1 EA

DIGALERT
DIAL BEFORE YOU DIG
TWO WORKING DAYS BEFORE YOU DIG
TOLL FREE 1-800-227-2600
A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT

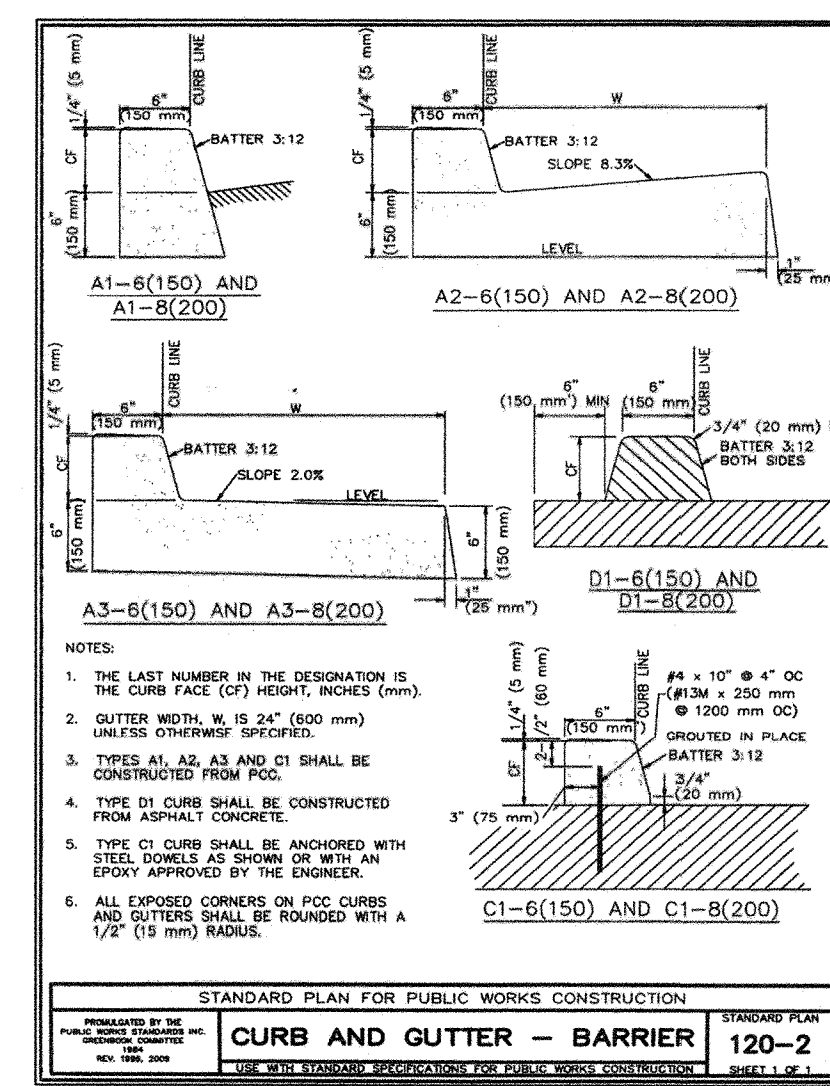
REGISTERED PROFESSIONAL ENGINEER
TROY D. LAUG
No. C 59118
Exp. 6-30-2027
CIVIL
STATE OF CALIFORNIA

EPIC ENGINEERS
CIVIL ENGINEERING LAND SURVEYING PLANNING ESTIMATOR MANAGEMENT
101 E. REDLANDS BOULEVARD SUITE 146 REDLANDS, CA 92373
TEL: 909.792.5949 www.EpicREC.com
Troy D. Laug R.C.# 59118
MY LICENSE EXPIRES 6-30-2027
07/07/2025 DATE

NOTE:
CONTRACTOR TO VERIFY LOCATION AND DEPTH OF EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION

VIVIENDA MEDIAN PLAN GRAND TERRACE ELEMENTARY SCHOOL VIVIENDA AVENUE

APN NO. 027-523-213 CITY OF GRAND TERRACE
COUNTY OF SAN BERNARDINO



(SPPWC) STANDARD PLAN-120-2
CURB AND GUTTER - BARRIER
NOT TO SCALE

CURVE DATA TABLE

CURVE	LENGTH	RADIUS	DELTA
C1	2.36'	0.75'	180° 00' 00.00"
C2	2.36'	0.75'	180° 00' 00.00"

LINE DATA TABLE

LINE	BEARING	DISTANCE
L1	S11° 20' 57.09"W	172.75'
L2	N11° 20' 57.09"E	172.75'

UTILITIES
ELECTRICITY
SOUTHERN CALIFORNIA EDISON COMPANY
287 TENNESSEE STREET
REDLANDS, CALIFORNIA 92373
(909) 307-6759
CONTACT: KEVIN PURTY

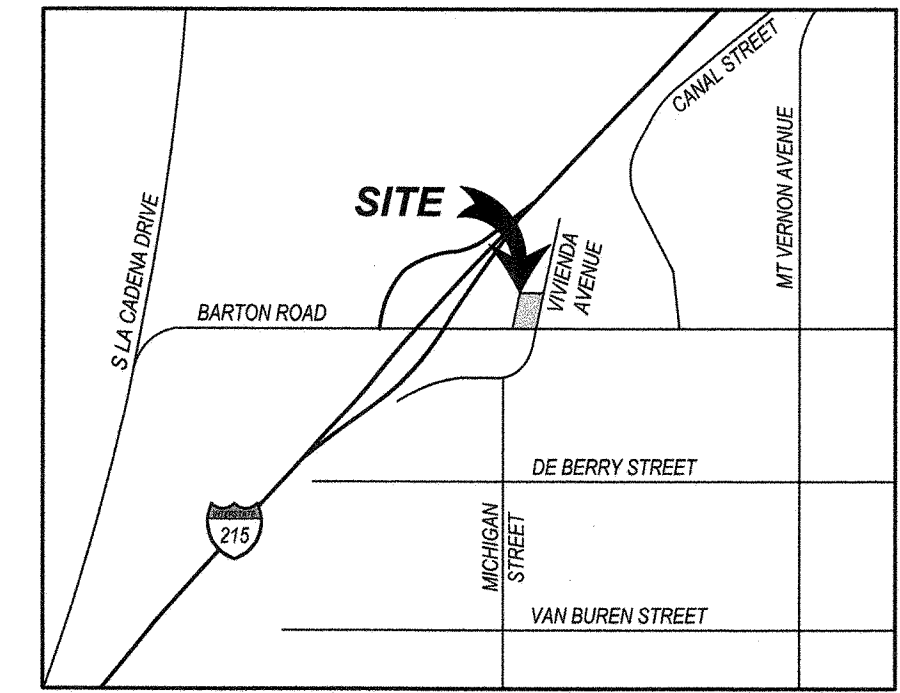
GAS
SOUTHERN CALIFORNIA GAS COMPANY
1981 WEST LUGONIA AVENUE
REDLANDS, CALIFORNIA 92374
(909) 335-7772
CONTACT: DEVERY JENNINGS

NOTE:
VIVIENDA MEDIAN WORK ONLY

TELEPHONE
VERIZON
1900 ORANGE STREET SUITE 100
REDLANDS, CA 92374
(909) 748-6663
CONTACT: FRANK MURPHY

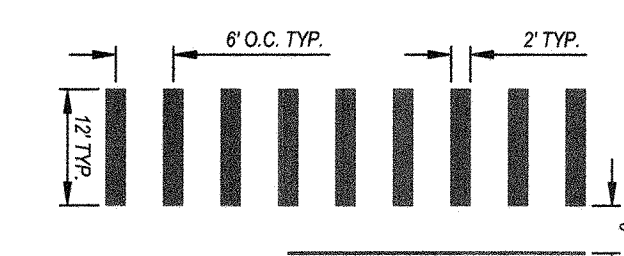
WATER
RIVERSIDE HIGHLAND WATER CO
12374 MICHIGAN STREET
GRAND TERRACE, CA 92313
(909) 825-4128

SEWER
CITY OF COLTON WASTEWATER
106 S 10TH STREET
COLTON, CA 92324
(909) 370-6131

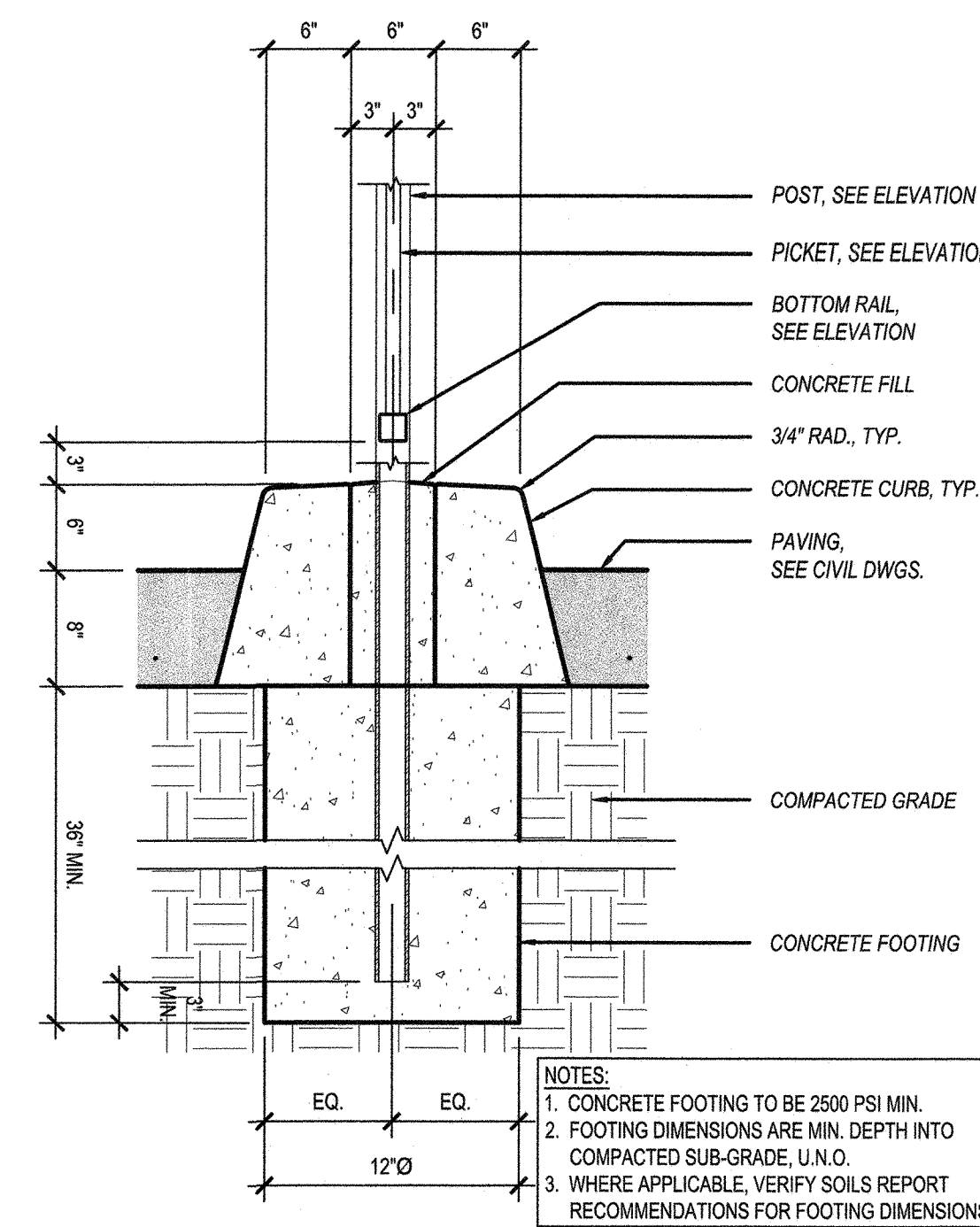


VICINITY MAP
NOT TO SCALE

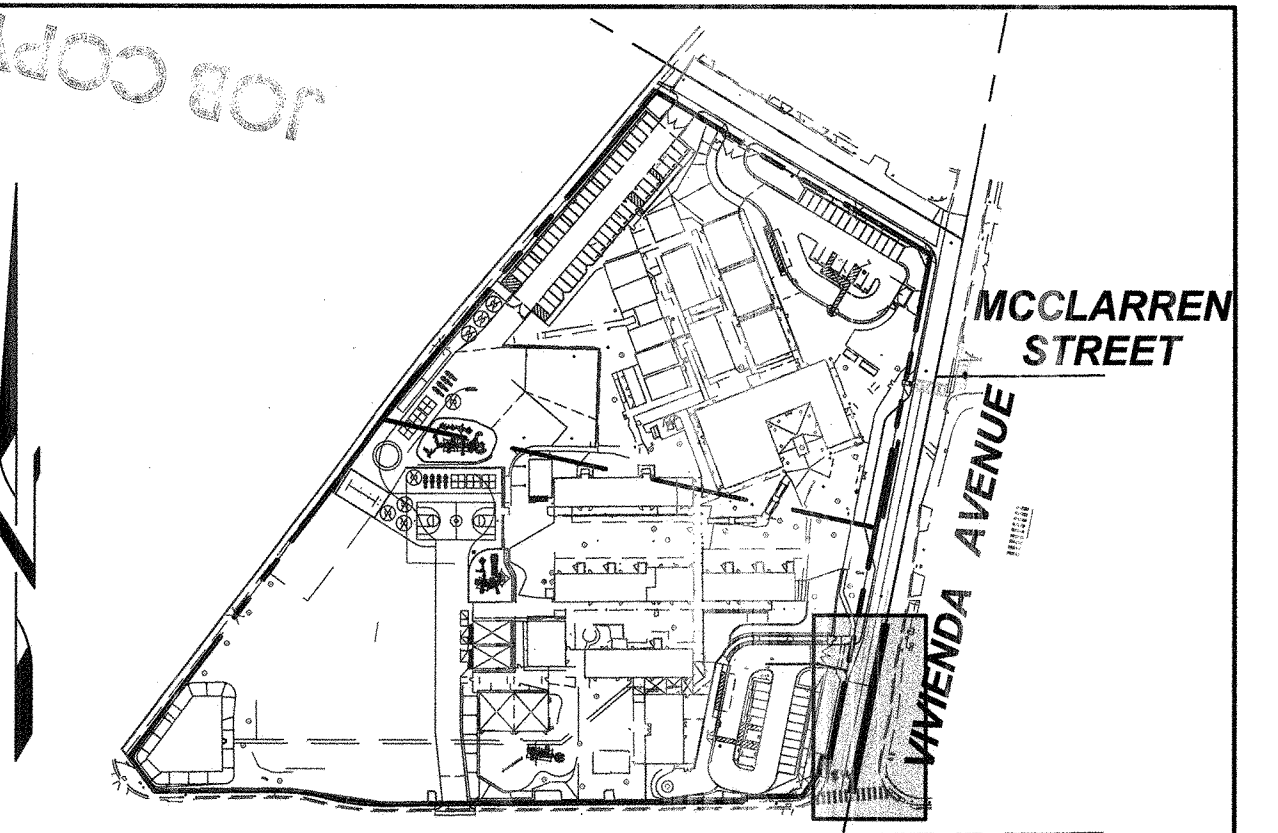
UTILITY LOCATION
THE MANHOLES AND VALVES SHOWN ON THESE PLANS ARE APPROXIMATE IN LOCATION AND ARE FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR TYING OUT THE EXACT LOCATION OF SAID FACILITIES.



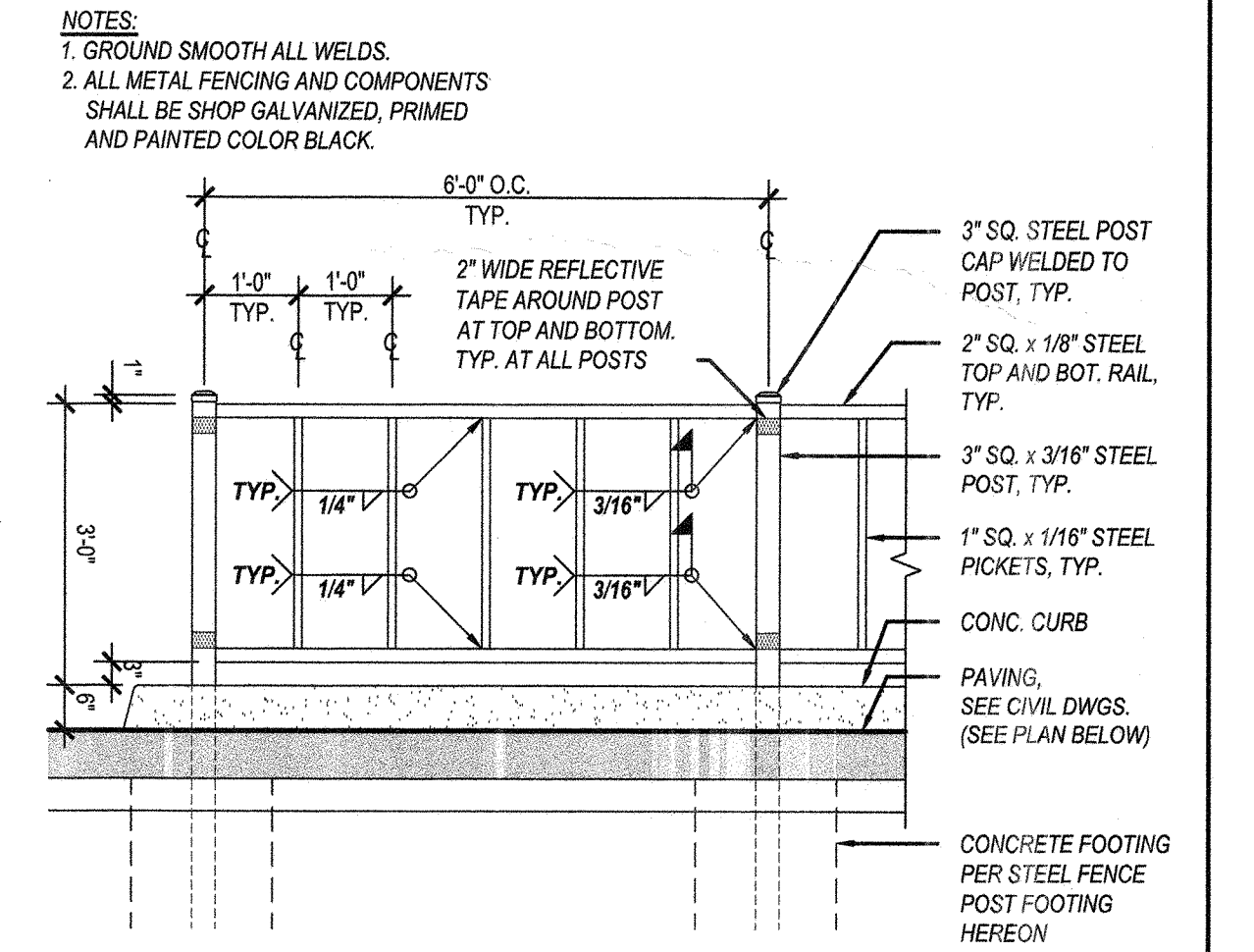
DETAIL "A"
SCALE: NTS



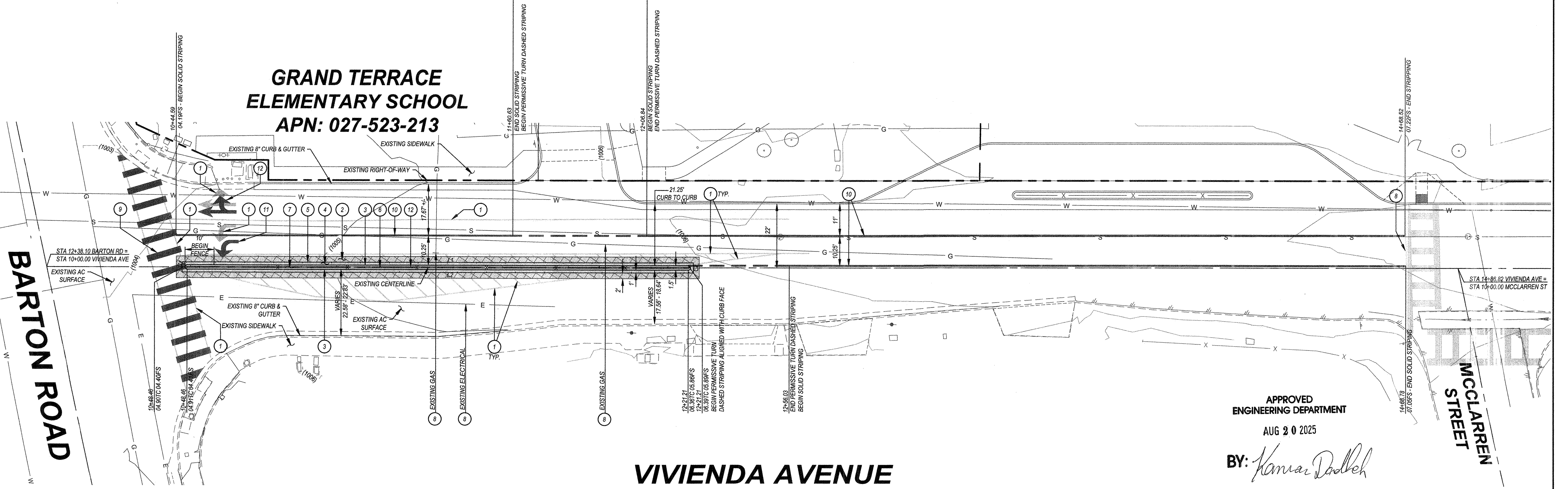
STEEL FENCE POST FOOTING
SCALE: 1" = 1'-0"



INDEX MAP
SCALE: 1"=200'



STEEL FENCE ELEVATION
SCALE: 1/2" = 1'-0"



**GRAND TERRACE
ELEMENTARY SCHOOL
APN: 027-523-213**

APPROVED
ENGINEERING DEPARTMENT
AUG 20 2025

BY: *Kamran Dabbeh*

APPROVED _____ 2025	CITY OF GRAND TERRACE	DRAWING NO.
CITY ENGINEER - KAMRAN DADBEH REGISTERED CIVIL ENGINEER NO. 52165 EXP 12/31/25 DRAWN BY: DVM CHECKED BY: ACB RECOMMENDED BY:	VIVIENDA MEDIAN PLAN VIVIENDA AVENUE	1 of 1
BENCHMARK: VERTICAL CONTROL FOR THIS SURVEY IS NAVD88 GEOID18 AS ESTABLISHED BY STATIC GPS BASED ON THE CORRS STATIONS LISTED UNDER THE BASIS OF BEARINGS SHOWN HEREON. A TEMPORARY BENCHMARK WAS ESTABLISHED AT THE BASE CONTROL POINT NO. 1 REFERENCED ABOVE DESCRIPTION: MN ELEVATION: 1008.01' (NAVD88)		FOR CITY USE ONLY: FILE NO. _____ W.O. NO. _____

J:\160.16 C.U.S.D GRAND TERRACE ES_CIVIL 3D\PLAN - OFFSITE\VIVIENDA MEDIAN\160_16-SIP-VI-MD.DWG

PLOTTED ON: 07/07/2025 AT 11:49 AM BY CHANG BURAW
LAST SAVED ON: 07/07/2025 AT 11:47 AM BY CHANG

JOB COPY