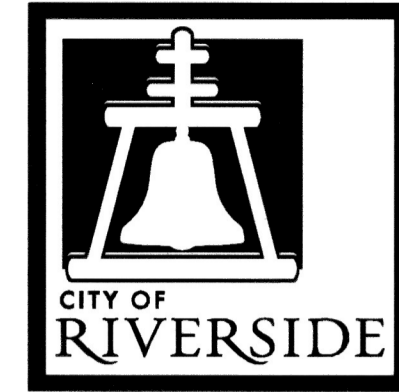


RIVERSIDE



CALIFORNIA

PUBLIC WORKS DEPARTMENT

ATP CYCLE I GRANT STREET IMPROVEMENTS FOR TEQUESQUITE AVENUE AT SAN ANDREAS AVENUE

GENERAL CONSTRUCTION NOTES:

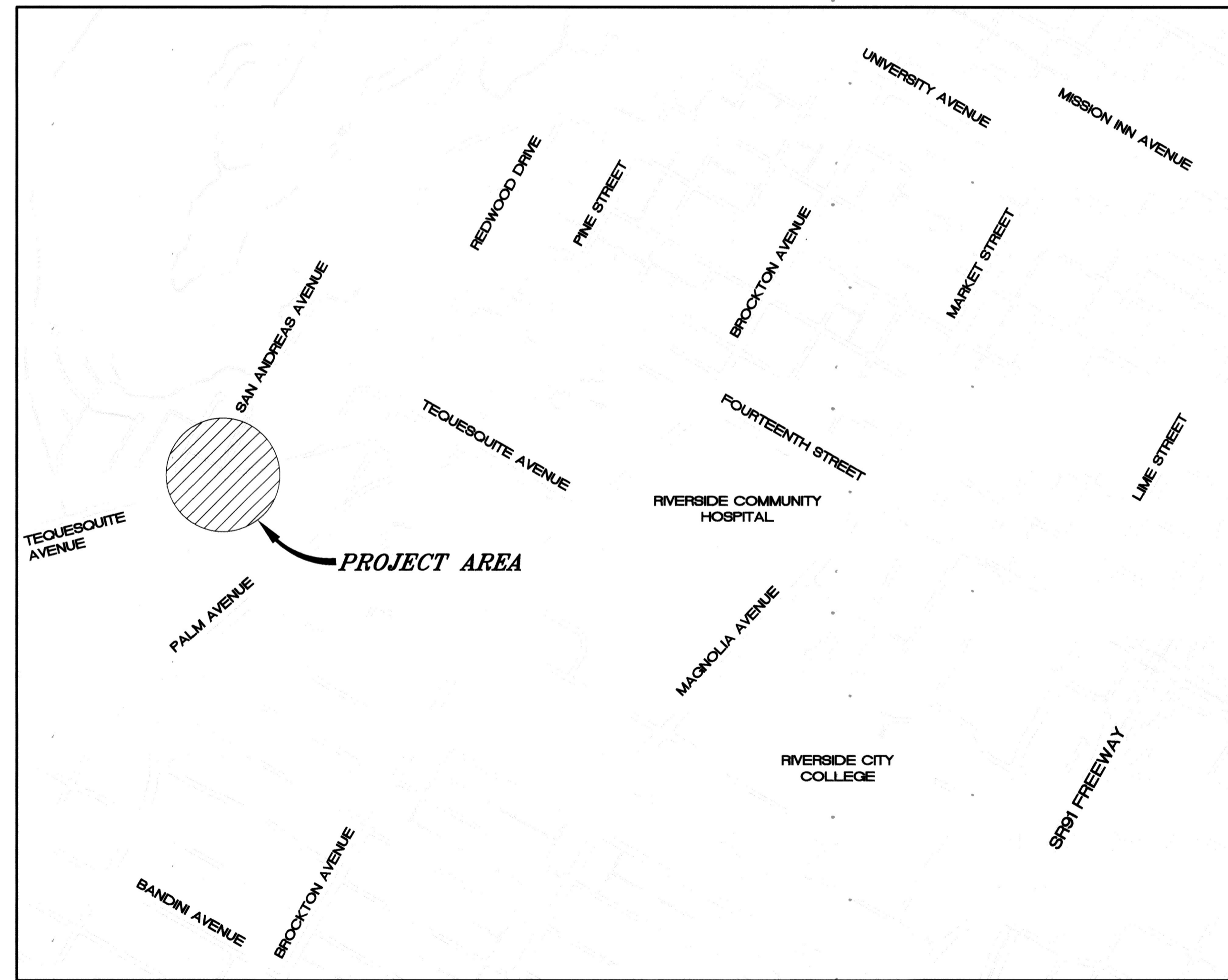
1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC CONTROL AS INDICATED IN THE ASSOCIATED PROJECT SPECIAL PROVISIONS.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2012 EDITION.
3. EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN.
4. CONFLICTING UTILITIES SHOWN WITHIN CONSTRUCTION AREA WILL BE RELOCATED PRIOR TO CONSTRUCTION.
5. ALL STREET PULL BOXES, AFFECTED BY CONSTRUCTION, SHALL BE ADJUSTED TO THE PROPOSED GRADE.
6. PRIME CONTRACTOR BIDDING THIS WORK SHALL HAVE A CLASS "A" OR "C-8" LICENSE.
7. THE SEAM BETWEEN PASSES OF THE AC OVERLAY SHALL COINCIDE, AS CLOSE AS POSSIBLE, TO THE LANE LINES.
8. COLD MILLING SHALL BE AS DESCRIBED ON THE PLANS AND SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
9. ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AFTER COLD-MILLING AND PRIOR TO PLACEMENT OF DGAC.
10. CONTRACTOR SHALL REMOVE ALL VEGETATION WITHIN ALL SIDEWALK PANELS WITHIN THE PROJECT LIMITS.
11. ALL EXISTING IMPROVEMENTS SHOWN HEREON SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
12. EXISTING IRRIGATION SHALL BE PROTECTED OR MODIFIED AS NECESSARY TO CONSTRUCT NEW CONCRETE IMPROVEMENTS.

SIGNING/STRIPING GENERAL NOTES:

1. SIGNING AND STRIPING INSTALLATIONS SHALL CONFORM TO THE 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD), THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS DATED 2010, AND ALL ADDENDUMS THERETO, AND THE CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT STANDARD DRAWINGS, CURRENT EDITION.
2. ALL STRIPING, MARKINGS, AND LEGENDS SHALL BE REFLECTORIZED THERMOPLASTIC UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL PROVIDE AND INSTALL RAISED PAVEMENT MARKERS FOR ALL STRIPING. STRIPING, MARKINGS AND LEGENDS SHALL CONFORM TO THE LATEST CALTRANS STANDARD PLANS A20A THRU A20D AND A24A THRU A24E.
3. PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL PAVEMENT STRIPING AND STENCILING WITHIN THE PERIMETER OF THE CONSTRUCTION AREA SHALL BE RESTORED TO LIKE NEW CONDITION, IN A MANNER MEETING THE APPROVAL OF THE CITY OF RIVERSIDE.
4. THE CONTRACTOR SHALL RE-STRIPE EXISTING STRIPING AND CURB MARKINGS OBLITERATED BY NEW CONSTRUCTION, WHETHER OR NOT SHOWN ON THE PLANS FOR REPLACEMENT, AT NO COST TO THE CITY.
5. AT LOCATIONS WHERE EXISTING PAINTED CURB IS TO BE RECONSTRUCTED, THE CONTRACTOR SHALL PAINT THE NEW CURB AS SHOWN ON THE PLANS WITHIN 10 WORKING DAYS OF CURB CONSTRUCTION OR AS DIRECTED BY ENGINEER. THE PAINT SHALL BE WATER-BASED WITH 2-YEAR GUARANTEE AGAINST COLOR FADING. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CITY WRITTEN PROOF OF THE MANUFACTURER'S 2-YEAR GUARANTEE.
6. ALL NEW STRIPING SHALL BE "CAT TRACKED" AND APPROVED BY THE ENGINEER PRIOR TO FINAL INSTALLATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AFTER COMPLETING LAYOUT AND AT LEAST 3 WORKING DAYS BEFORE COMMENCING INSTALLATION OF STRIPING, MARKINGS AND MARKERS.
7. TRAFFIC SIGN FACE SHALL BE 3M DIAMOND GRADE DG3 REFLECTIVE SHEETING (ASTM XI) OR APPROVED EQUAL WITH PROTECTIVE GRAFFITI OVERLAY FILM OR AS OTHERWISE NOTED.
8. SIGNS SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE. PRIOR TO INSTALLATION, NEW SIGNS SHALL BE APPROVED BY THE CITY OF RIVERSIDE. EXACT LOCATIONS OF SIGNS SHALL BE DETERMINED BY THE CITY ENGINEER.
9. ALL EXISTING SIGNS AND POSTS TO BE REMOVED SHALL BE DELIVERED TO THE CITY OF RIVERSIDE SIGN DEPARTMENT.
10. STRIPING SHALL BE APPLIED WITHIN 48 HOURS OF SURFACE COURSE REPLACEMENT ON STREETS OPEN TO THE PUBLIC. IN NO CASE SHALL A NEWLY PAVED STREET OPEN TO THE PUBLIC BE LEFT UNSTRIPED OVER A WEEKEND OR HOLIDAY.
11. CONTRACTOR SHALL INSTALL NEW SIGN(S) AND/OR POST(S) PER CITY OF RIVERSIDE STANDARD DRAWING No. 664, SEE SPECIFICATIONS.
12. CONTRACTOR SHALL INSTALL NEW STREET NAME SIGNS AND POST PER CITY OF RIVERSIDE STANDARD DRAWING No. 662, SEE SPECIFICATIONS.
13. ALL CONFLICTING STRIPING, PAVEMENT MARKINGS, LEGENDS, AND RAISED PAVEMENT MARKERS SHALL BE REMOVED EVEN IF NOT SHOWN ON PLANS. REMOVALS OF PAINTED STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE DONE BY WET SANDBLASTING. REMOVALS OF THERMOPLASTIC STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE REMOVED BY WET SANDBLASTING, GRINDING OR OTHER APPROVED METHOD AND SHALL NOT DAMAGE THE PAVEMENT. "BLACK OUT" OF EXISTING DELINEATION IS NOT PERMITTED. ALL DAMAGED PAVEMENT DUE TO REMOVALS SHALL BE REPAIRED AS NECESSARY TO MAINTAIN A SMOOTH AND UNIFORM SURFACE OR AS DIRECTED BY THE ENGINEER. ALL STRIPING REMOVALS AND LEGENDS SHALL BE "FOG SEALED".

CONSTRUCTION NOTES:

- ⬡ REMOVE AND REPLACE IN KIND EXISTING FACILITY, NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. ANY NOTE SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC TYPE, ACTION, OR MODIFICATION TO BE CONSTRUCTED. WHERE NO MODIFICATION OR TYPE IS INDICATED, THE DIMENSIONS OF NEW FACILITY SHALL BE MODIFIED AS NECESSARY, EXCLUDING ADA REQUIREMENTS, TO MATCH EXISTING FACILITY REMOVED.
- ⬢ PIP XX PROTECT IN PLACE. (PP) POWER POLE; (GA) GUY ANCHOR
- ⬢ ADJ XX ADJUST EXISTING IMPROVEMENT TO GRADE. (MH) MANHOLE; (WM) WATER METER; (PB) PULLBOX; (GV) GATE VALVE
- ① VARIABLE DEPTH COLD MILL, TYPE 2, EXISTING AC PAVEMENT TO A MAX. DEPTH OF 0.12' AT THE STREET CENTERLINE AND A MIN. DEPTH OF 0.12' BELOW THE NEW GUTTER AND EXISTING AC BERM. CAP WITH A VARIABLE THICKNESS OF 0.12' (MIN.) DGAC.
- ② CONSTRUCT NEW PARKWAY DRAIN PER CITY STANDARD 410 (S=3'), INTERCEPT THE EXISTING PARKWAY DRAIN AND CONSTRUCT NEW DRAIN.
- ③ REMOVE ANY EXISTING AC PAVING, BASE MATERIAL AND CONCRETE IMPROVEMENTS DOWN TO BASE MATERIAL. IMPORT/FILL AREA WITH DIRT TO WITHIN 4" OF THE PROPOSED TOP OF CURB WITH 90% COMPACTION. FURNISH AND INSTALL DECOMPOSED GRANITE TO A MIN. DEPTH OF 4". EXCLUDES (3) PROPOSED TREE WELL LOCATIONS.
- ④ EXISTING FIRE HYDRANT AND STREET LIGHT LUMINAIRE TO BE REMOVED AND RELOCATED (BY OTHERS).
- ⑤ REMOVE AND SALVAGE EXISTING STOP SIGN AND POST. INSTALL NEW 36" STOP SIGN AND POST, PER CITY STANDARD 662, AT NEW LOCATION.
- ⑥ REFRESH EXISTING OR INSTALL NEW 12" SOLID WHITE THERMOPLASTIC CROSSWALK STRIPES.
- ⑦ INSTALL NEW SOLID WHITE THERMOPLASTIC "STOP" LEGEND.
- ⑧ INSTALL 130' SOLID DOUBLE YELLOW THERMOPLASTIC STRIPE, DETAIL 22, TO BE 18' FROM THE PROPOSED CURB.
- ⑨ REMOVE AND SALVAGE EXISTING STREET NAME SIGN AND POST. INSTALL NEW 9" STREET NAME SIGN ASSEMBLY WITH POST, PER CITY STANDARD 662, AT NEW LOCATION.
- ⑩ FURNISH AND INSTALL A 24" BOX TREE, "CELTIS SINENSIS". FURNISH AND INSTALL "PERMALOC CLEANLINE XL" MAINTENANCE DIVIDER. (COLOR: BLACK, SIZE: 3/16"x6") TREE WELL DIVIDER SHALL BE 8" IN DIAMETER. DIVIDER TO BE BURIED 4" BELOW GRADE AND FILLED WITH WOOD MULCH 4" DEEP.
- ⑪ FURNISH AND INSTALL DRIP IRRIGATION TO TIE-IN AT THE EXISTING IRRIGATION LINE BETWEEN THE EXISTING OAK TREES. INSTALL 1.5" SLEEVING FROM TIE-IN POINT TO THE PROPOSED TREE WITH 1" PVC PIPE INSIDE FOR THE LATERAL LINE. INSTALL 3 RINGS OF "NETAFIM" 0.6 GPH DRIP TUBING WITH EMITTERS AROUND THE PROPOSED TREE.
- ⑫ BOULDERS TO BE FURNISHED AND INSTALLED BY CITY FORCES. SIZE AND LOCATION TO BE DETERMINED.
- ⑬ EXISTING TREES TO BE PROTECTED IN PLACE. FURNISH AND INSTALL "PERMALOC CLEANLINE XL" MAINTENANCE DIVIDER. (COLOR: BLACK, SIZE: 3/16"x6") TREE WELL DIVIDER SHALL BE 8" IN DIAMETER. DIVIDER TO BE BURIED IN SUCH A MANNER AS TO NOT DISTURB THE ROOT SYSTEM AND FILLED WITH WOOD MULCH APPROX. 4" DEEP.



LEGEND:

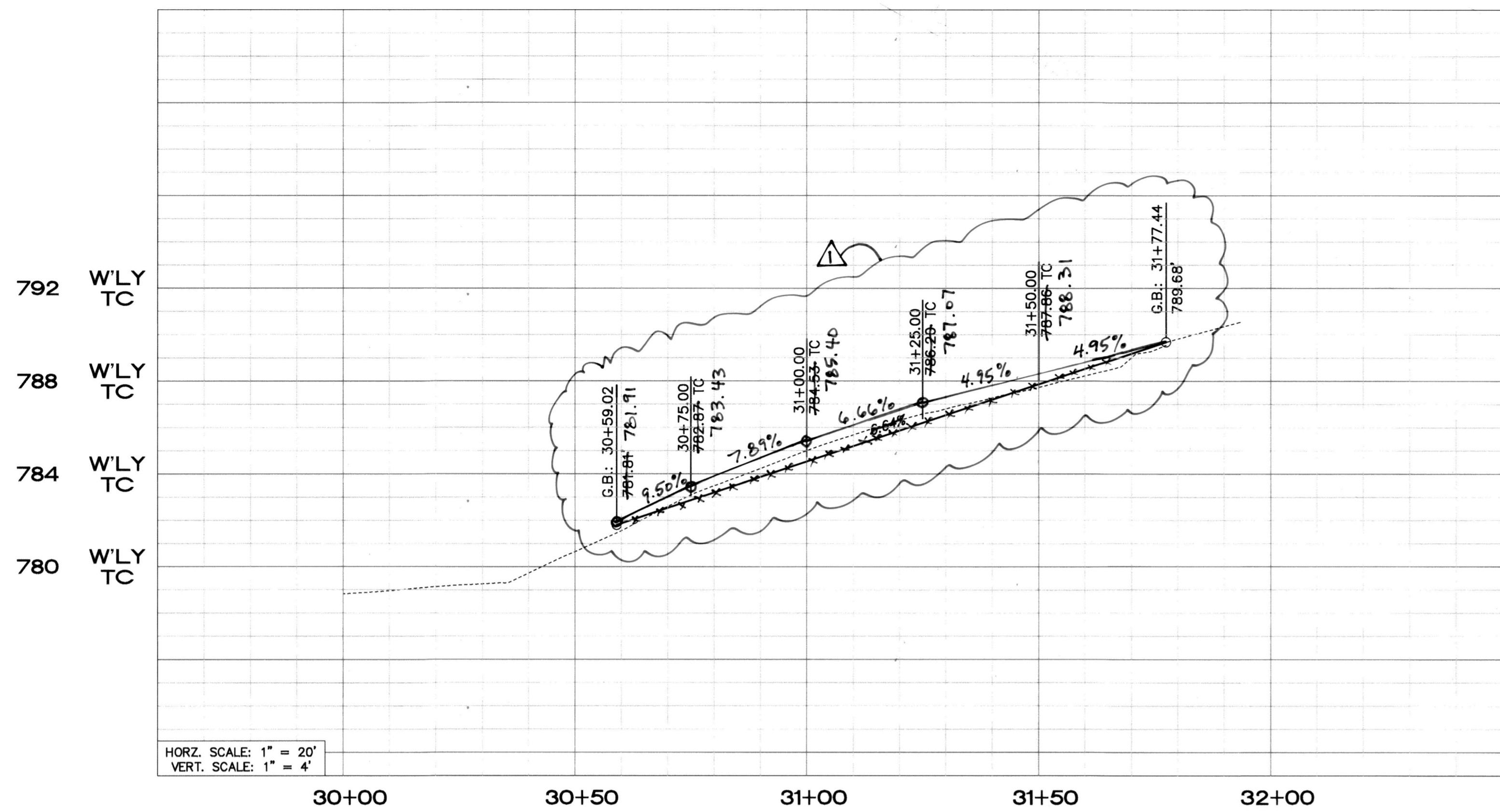
- ⬢ COLD MILL, TYPE CM2
- ⬢ PROPOSED DECOMPOSED GRANITE
- ⬢ NEW PCC CONCRETE

EXISTING TOPOGRAPHY:

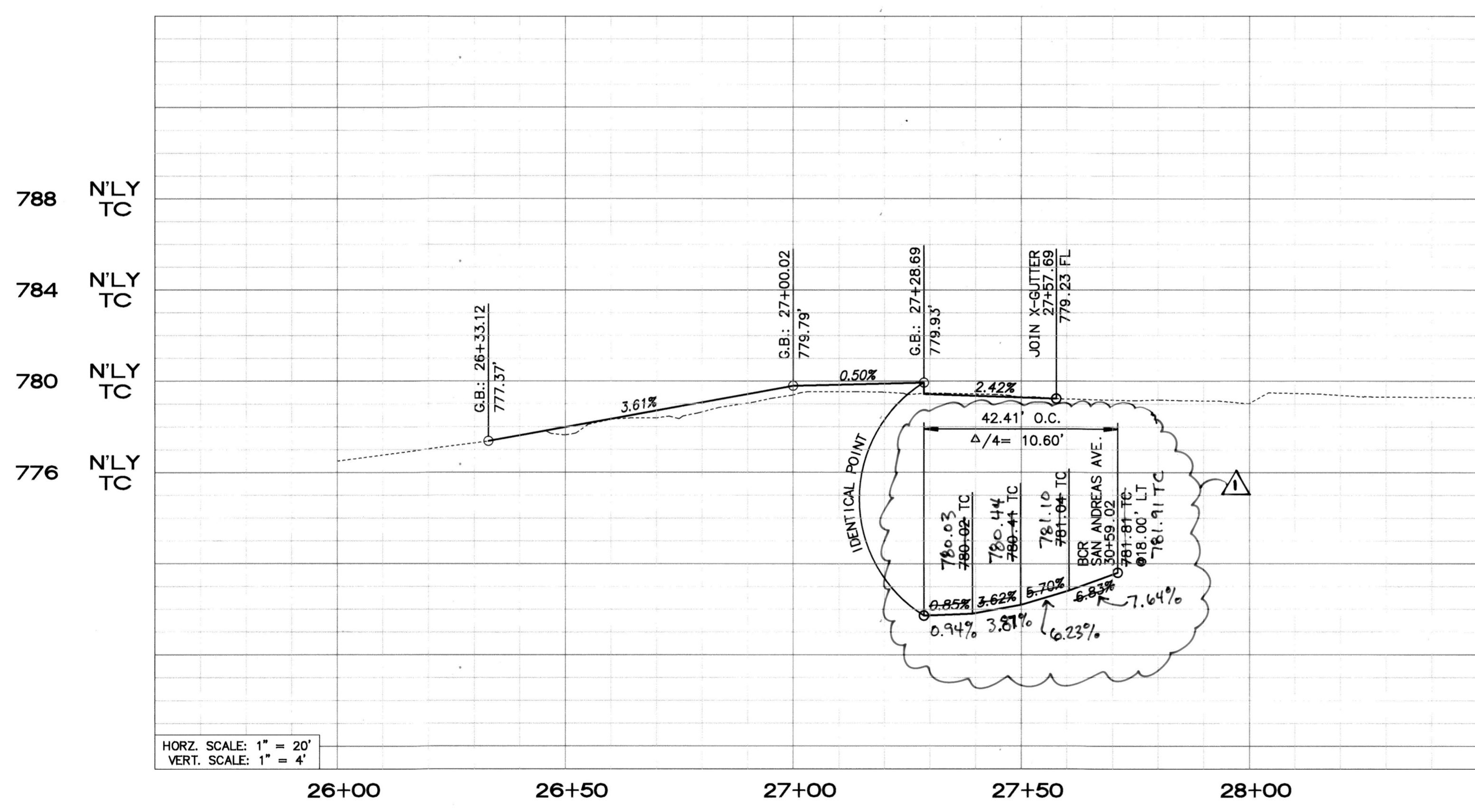
- ⊙ SANITARY SEWER M.H.
- ⊙ STORM DRAIN M.H.
- ⊙ ELECTRIC M.H.
- ⊙ WATER M.H.
- ⊙ GATE VALVE
- ⊙ ELECTRICAL TEST STATION (GAS)
- ⊙ FIRE HYDRANT
- ⊙ WATER METER

LOCATION MAP
NTS

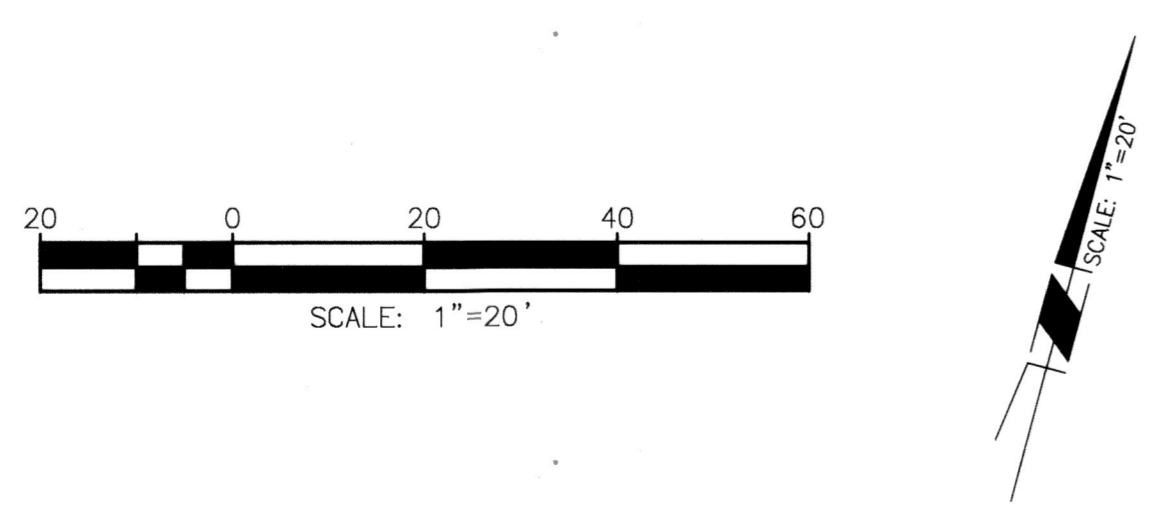
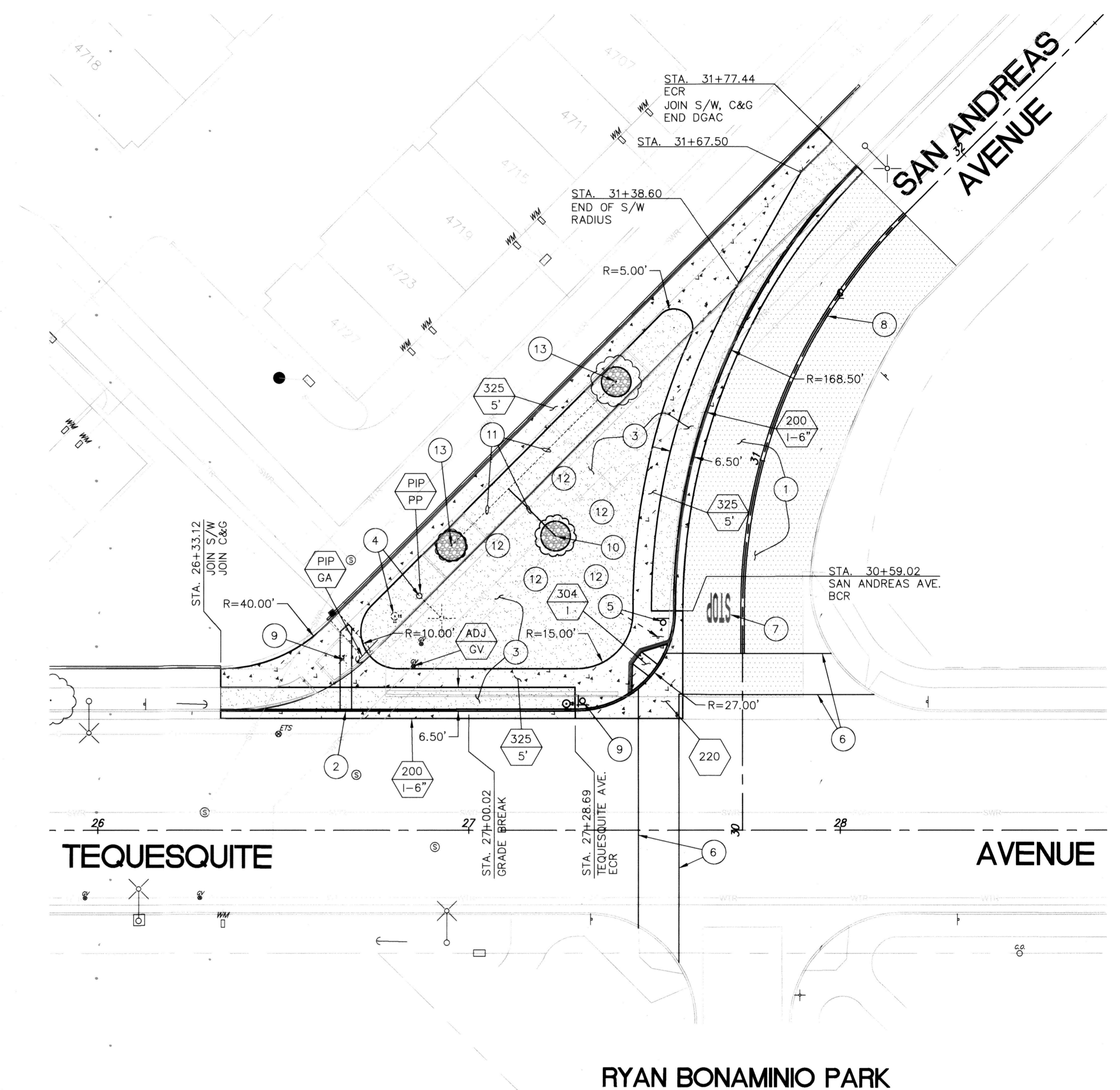
	ENGINEER IN RESPONSIBLE CHARGE Nathan T. Mustafa R.C.E. No. 83654 EXPIRES: 3-31-19 DATE: 6-23-17		CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	STREET IMPROVEMENTS TEQUESQUITE AVENUE AT SAN ANDREAS AVENUE ATP CYCLE I GRANT	DESIGN WORK ORDER NO.: 1516644 CONSTR. WORK ORDER NO.: XXXXXXXX R-4405 SHEET 1 OF 2 FILE NAME: R4405-1.DWG
	APPROVED BY: [Signature] DATE: 6-20-17 ENGINEERING MANAGER CONSTRUCTION ADMIN. [Signature] DATE: 7-10-17 TRAFFIC DIVISION [Signature] DATE: 6-20-17 STREETS SERVICES SURVEYOR	DESIGNED BY: DMC DRAWN BY: DMC CHECKED BY: NM	HORIZ. SCALE: N/A VERT. SCALE: N/A		



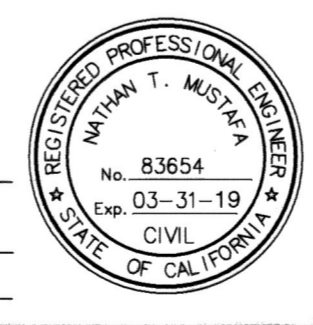
HORZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'



HORZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'



ENGINEER IN RESPONSIBLE CHARGE
Nathan T. Mustafa
R.C.E. No. 83654 EXPIRES: 3-31-19
DATE: 6-23-17



MARK	TC ELEV. CHANGES	EL 10/10/17	APPR DATE
DESIGNED BY	DMC	DRAWN BY	DMC
CHECKED BY	NM		

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS			
APPROVED BY	BY	DATE	APPROVED BY
ENGINEERING MANAGER	EL	6/23/17	CHIEF ENGINEER
CONSTRUCTION ADMIN.	DC	7/10/17	
TRAFFIC DIVISION	GA	6-24-17	
STREETS SERVICES SURVEYOR			DATE: 7/10/17

STREET IMPROVEMENTS	
TEQUESQUITE AVENUE AT SAN ANDREAS AVENUE	
ATP CYCLE I GRANT	
HORIZ. SCALE: 1"=20'	VERT. SCALE: N/A

DESIGN WORK ORDER NO.: 1516644 CONSTR. WORK ORDER NO.: XXXXXXX	R-4405
SHEET 2 OF 2	FILE NAME: R4405-2.DWG