



CALLE AUGA NUEVA (ROMP) DRAINAGE CHANNEL PLAN

GENERAL DESCRIPTION OF PROJECT

DRAINAGE CHANNEL IMPROVEMENTS ALONG THE PIMA COUNTY REGIONAL
WASTEWATER RECLAMATION DEPARTMENT CENTRAL LABORATORY COMPLEX
LOCATED IN PIMA COUNTY, CITY OF TUCSON, WARD 1.
APPROX. 0.51 MILES OF CHANNEL IMPROVEMENTS

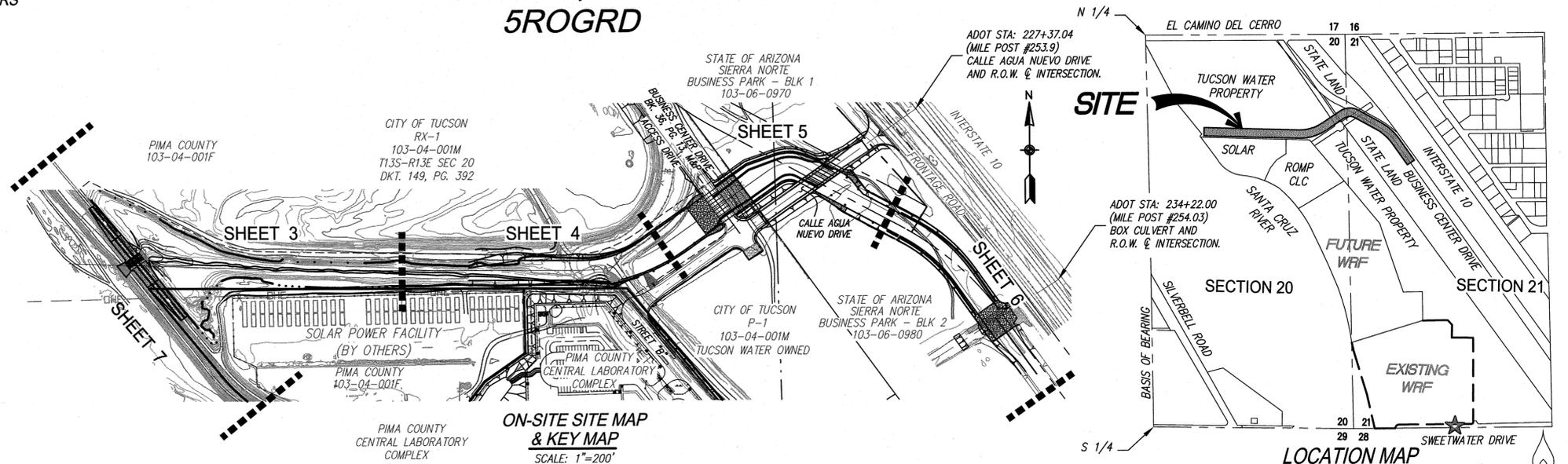


PIMA COUNTY FLOOD CONTROL DISTRICT BOARD OF DIRECTORS

SHARON BRONSON, CHAIRMAN, DISTRICT 3
ALLY MILLER, DISTRICT 1
RAMON VALADEZ, DISTRICT 2
RAY CARROLL, DISTRICT 4
RICHARD ELIAS, DISTRICT 5

PROJECT IS IN SUPERVISOR DISTRICT 1

WORK PROJECT NO.:
5ROGRD



SHEET INDEX	
SHT. NUMBER	SHT. NAME
1	COVER SHEET
2	GENERAL NOTES SHEET/LEGEND
3-6	DRAINAGE CHANNEL PLAN & PROFILE SHEETS
7	SANTA CRUZ WEIR AND BANK PROTECTION & DETAILS
8	TYPICAL SECTION & DETAIL SHEET
9	STRUCTURAL PLANS & DETAIL
10	STORMWATER POLLUTION PREVENTION PLAN

BASIS OF BEARINGS

THE BASIS OF BEARING FOR THIS SURVEY IS N 01°27'45" W ON THE NORTH-SOUTH MID SECTION LINE OF SECTION 20, BETWEEN THE FOUND 2" BRASS CAP SURVEY MONUMENT STAMPED RLS 12122 AT THE SOUTH 1/4 CORNER (PC/COT GEODETIC CONTROL POINT AN07) AND THE BRASS STEM IN THE BRIDGE DECK OF THE EL CAMINO DEL CERRO BRIDGE OVER THE SANTA CRUZ RIVER AT THE NORTH 1/4 CORNER OF SECTION 20 (PC/COT GEODETIC CONTROL POINT AN07)

★ BASIS OF ELEVATION/BENCH MARK

THE BASIS OF ELEVATION FOR THIS EXHIBIT IS NAVD88 DATUM. THE PRIMARY BENCHMARK IS CITY OF TUCSON BENCHMARK 2788 WHICH IS A CHISELED "X" ON THE SOUTHWEST CORNER OF THE CONCRETE BASE FOR THE "PIMA COUNTY ROGER ROAD WASTEWATER TREATMENT PLANT" SIGN AT THE NORTHWEST CORNER OF THE INTERSECTION OF SWEETWATER DRIVE AND THE EAST SERVICE ENTRANCE INTO THE PLANT. REFERENCE CITY OF TUCSON FIELD BOOK 1989B1, PAGE 79. THE ELEVATION IS 2264.37 FEET.

SHEET INDEX

- COVER SHEET
- GENERAL NOTES
- DRAINAGE CHANNEL SHEET
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- DRAINAGE CHANNEL SHEET
- DRAINAGE WEIR AND SECTION DETAIL SHEET
- CROSS SECTION SHEET
- STRUCTURAL DETAIL SHEET
- STORMWATER POLLUTION PREVENTION PLAN

UPC-2016-026

Pima County Regional Flood Control District

201 N. Stone Ave., 9th floor Tucson, Arizona 85701

Phone Number: 724-4600

Suzanne Shields, P.E. Director and Chief Engineer

No.	Revisions	Engineer	Date	Reviewed by	Engineer	Date
				Mgr. Design Engr.		
				Mgr. Field Engr.		
				Mgr. PCRWRD		
				Mgr. Tucson Water		
No.	As Built	Engineer	Date			

Approved: _____ 20____
Director

Project No. 181300488-300.103

Sheet No. 1 of 10



CALL AT LEAST TWO FULL WORKING DAYS BEFORE YOU BEGIN EXCAVATION.
ARIZONA 811
Arizona Blue Stake, Inc.
DIAL 8-1-1 OR 1-800-STAKE-IT (782-5348)
IN MARICOPA COUNTY: (602) 283-1100



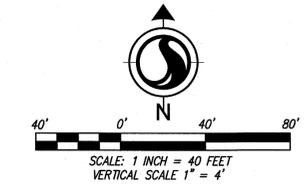
Stantec

Stantec Consulting Services Inc.
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Tucson, AZ
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www.stantec.com
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Consultants

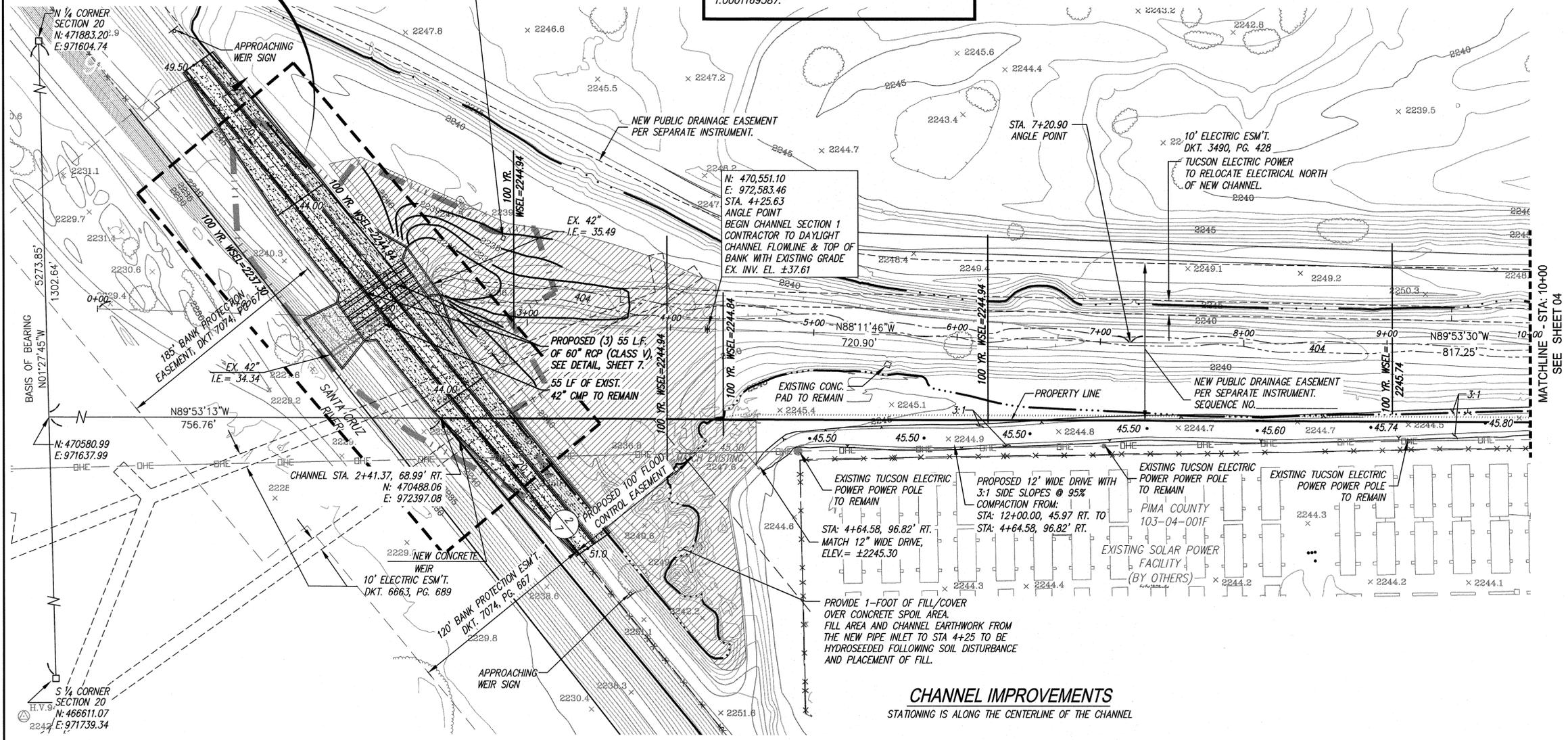
NOTE:
 SEE SHEET 7 FOR GRADING DETAILS
 AND CROSS-SECTIONS OF NEW PIPES
 AND WEIR.

EXISTING TUCSON WATER TEST WELL
 PROTECT IN PLACE W/ ORANGE FENCING
 (TO BE ABANDONED BY OTHERS)

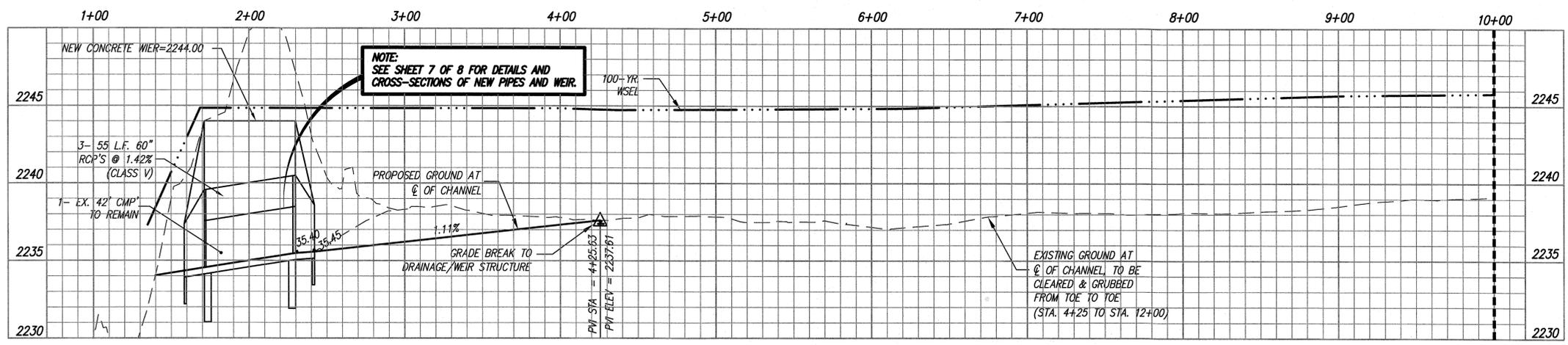
NOTE:
 CONTRACTOR TO CLEAR & GRUB CHANNEL FROM
 TOE TO TOE NOXIOUS VEGETATION FROM STA. 4+25
 TO STA. 12+00

NOTE:
 ALL DISTANCES ARE GROUND DISTANCES FOR THIS
 PROJECT. GRID TO GROUND SCALE FACTOR IS
 1.0001169587.

CITY OF TUCSON
 RX-1
 103-04-001M
 T13S-R13E SEC 20
 DKT. 149, PG. 392



CHANNEL IMPROVEMENTS
 STATIONING IS ALONG THE CENTERLINE OF THE CHANNEL



NOTE:
 SEE SHEET 7 OF 8 FOR DETAILS AND
 CROSS-SECTIONS OF NEW PIPES AND WEIR.

EXISTING GROUND AT
 @ OF CHANNEL TO BE
 CLEARED & GRUBBED
 FROM TOE TO TOE
 (STA. 4+25 TO STA. 12+00)

Revision	By	Appd.	YY.MM.DD

Issued By Appd. YY.MM.DD

File Name: _____ Dwn. Chkd. Dgn. YY.MM.DD

Permit Seal

 Client/Project
 Pima County Regional Flood Control District
 Calle Auga Nuevo (ROMP)
 Drainage Channel Plan

Tucson, AZ
 Title
DRAINAGE CHANNEL PLAN

Project No. 181300488 Scale AS NOTED
 Drawing No. _____ Sheet _____ Revision _____

UPC-2016-026



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 2017/02/13 11:36 AM By: Baglieri, Richard

