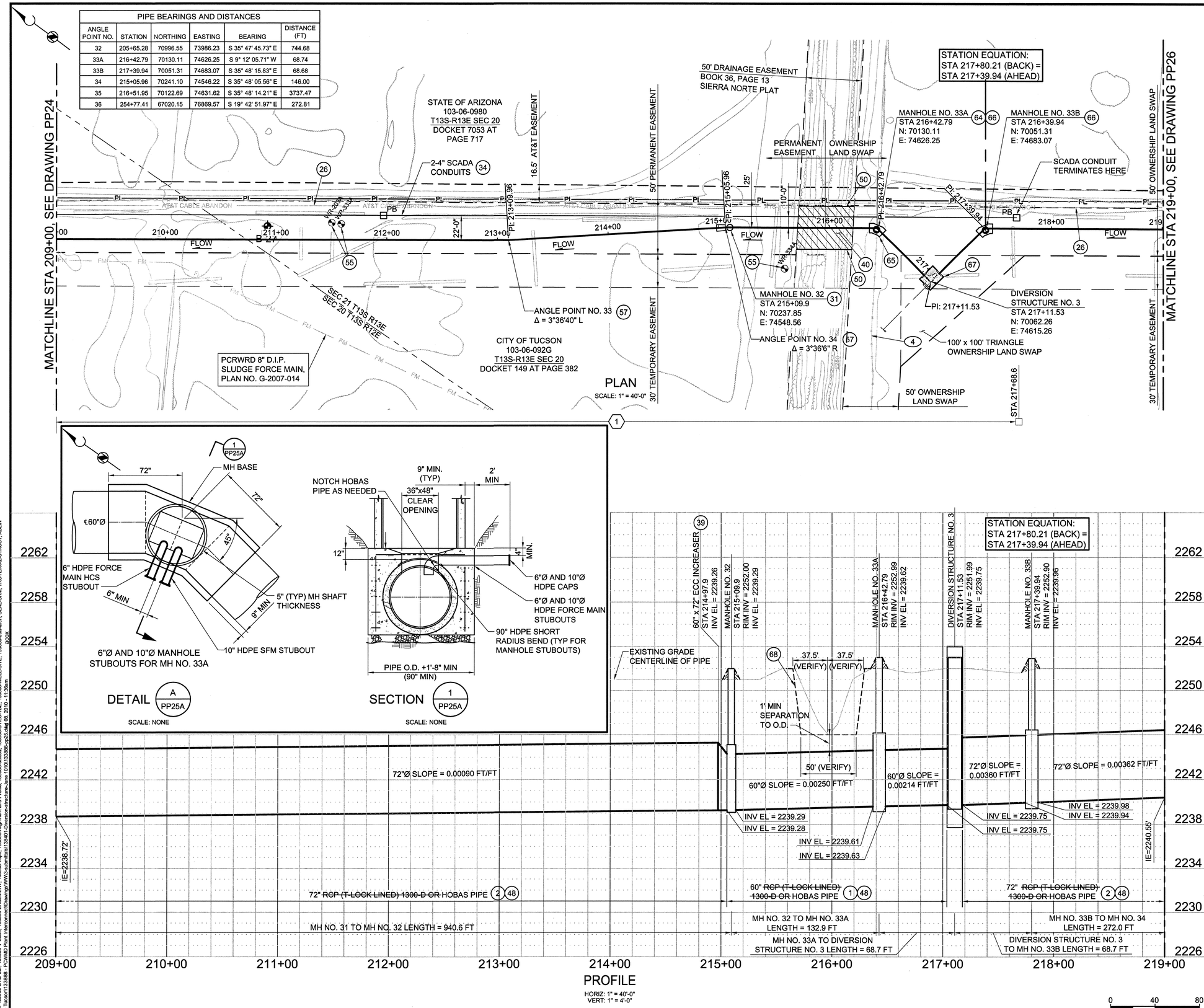
PIPE BEARINGS AND DISTANCES					
ANGLE POINT NO.	STATION	NORTHING	EASTING	BEARING	DISTANCE (FT)
32	205+65.28	70996.55	73986.23	S 35° 47' 45.73" E	744.68
33A	216+42.79	70130.11	74626.25	S 9° 12' 05.71" W	68.74
33B	217+39.94	70051.31	74683.07	S 35° 48' 15.83" E	68.68
34	215+05.96	70241.10	74546.22	S 35° 48' 05.56" E	146.00
35	216+51.95	70122.69	74631.62	S 35° 48' 14.21" E	3737.47
36	254+77.41	67020.15	76869.57	S 19° 42' 51.97" E	272.81



0 40 80
SCALE IN FEET

NEW CONSTRUCTION NOTES:

1. CONSTRUCT 60" ~~RCP~~ SEWER, SEE INSTALLATION DETAIL ON DRAWING C2; 196 LF
2. CONSTRUCT 72" ~~RCP~~ SEWER, SEE INSTALLATION DETAIL ON DRAWING C2; 826 LF
26. PROTECT ABANDONED AT&T LINE IN PLACE
31. CONSTRUCT ANGLE POINT AND MANHOLE PER DETAILS ON DRAWING C3
34. CONSTRUCT TWO-FOUR INCH CONDUITS AND PULL BOXES PER PCDOT STREET LIGHTING AND ITS CONDUIT DESIGN MANUAL, CHAPTER 7. BEDDING AND SHADING FOR CONDUITS IN PAVED AREAS AND WHERE CONDUIT DEPTH IS LESS THAN 36-INCHES SHALL BE CONCRETE; AND IN NON-PAVED AREAS SHALL BE SAND
39. CONSTRUCT 60" x 72" ECCENTRIC INCREASER; LENGTH = 8'-0"
40. CONSTRUCT DRAINAGE CHANNEL PROTECTION PER D/C7 FOR 20' EITHER SIDE OF PLANT INTERCONNECT CENTERLINE TO MATCH FUTURE ADOT CHANNEL DESIGN
48. ~~HOBAS PIPE IS AN APPROVED ALTERNATIVE PIPE MATERIAL.~~ HOBAS PIPE, INC. SHALL DESIGN THE PIPE STIFFNESS PER THE DESIGN CRITERIA LISTED IN SPECIFICATION SECTION 15059 AND SUBMIT CALCULATIONS AS PART OF BID SUBMITTAL FOR REVIEW AND APPROVAL BY ENGINEER
50. CONSTRUCT DRAINAGE CHANNEL CUTOFF WALL PER DETAIL E/C7 TO MATCH FUTURE ADOT CHANNEL DESIGN
55. INSTALL JERSEY BARRIERS TO PROTECT TUCSON WATER'S EXISTING MONITORING WELLS DURING CONSTRUCTION
57. CONSTRUCT SEWER LOCATION MONUMENT PER PC/COT SSPI STANDARD DETAIL WWM 507 AT ANGLE POINT
64. REMOVE EXISTING MH NO. 33, 72" x 60" ECC REDUCER AND SEGMENTS OF PIPE NECESSARY TO CONSTRUCT NEW MANHOLES AND DIVERSION STRUCTURE FROM STA 216+42.79 TO STA 217+80.21 (BACK)/217+39.94 (AHEAD)
65. CONSTRUCT MANHOLE STUBOUTS FOR 6" LAB HCS FORCEMAIN AND 10" SFM PER DETAIL A/PP25A
66. INSTALL 45° BEND FITTINGS AND MANHOLES PER HOBAS SUBMITTAL AS DETAILED IN BC PROJECT SUBMITTAL NO. 3 AND DETAILS ON DRAWING C1
67. CONSTRUCT DIVERSION STRUCTURE NO. 3, SEE DETAILS ON DRAWING S22
68. FUTURE ADOT CHANNEL DESIGN, CONTRACTOR TO VERIFY DIMENSIONS

REPLACEMENT AND RELOCATION:

4. EXISTING FENCE TO BE REMOVED AND REPLACED IN KIND, COORDINATE WITH OWNER.

CONSTRUCTION NOTES:

1. SEE GENERAL NOTES ON DRAWING G2
2. ALL EXISTING UTILITIES SHALL BE PROTECTED IN PLACE. UTILITIES THAT NEED TO BE RELOCATED NEED TO BE COORDINATED WITH THE UTILITY REPRESENTATIVE LISTED ON DRAWING G3.

ALTERNATIVE BID ITEM:

1. CONSTRUCT 2-4" SCADA CONDUITS AND PULL BOXES UNDER ALTERNATIVE BID FOR GMP.

BROWN AND CALDWELL
Tucson, Arizona

NO.	REVISION	APPVD.	DATE
1	REVISIONS FOR ADDENDUM 1		1/2009
2	REVISIONS FOR ADDENDUM 2		6/2009

DESIGNED BY: JN
DRAWN BY: JLL
CHKD BY DESIGN: JN
CHKD BY FIELD ENGR:
FIELD BOOK NO.:

Registered Professional Engineer (Civil) CERTIFICATE NO. 27807 ROBERT L. ADLIN Date Signed 3/31/12 ARIZONA U.S.A. Expires 3/31/12

PIMA COUNTY
REGIONAL WASTEWATER RECLAMATION DEPARTMENT
201 North Stone Avenue • Tucson, Arizona 85701-1207 • Phone: (520) 740-6500

ROGER ROAD WRF TO INA ROAD WRF PLANT INTERCONNECT (SANTA CRUZ INTERCEPTOR – PHASE IV)

PLAN AND PROFILE
STA 209+00 TO 219+00

133888

DATE: JUNE 16, 2010

SCALE: HORIZ: 40' VERT: 4'

SHEET NO.: PP25A
OF

IMAGES:
XREFS: 133888-STD-hdr, 133888-V-Base, 133888-EASEMENT, 133888-Topo, 133888-Alignment and Profile, 133888-utilities, 133888-UTILS-TBE, 133888-WELL-SITE, 133888-utils-arch, SEAL-SRM, TROYER-AZ-STRUCT, ADLIN
P-STYLE: 133888-PCRWRD Plant Interconnect Drawings\NWRC-plantmain\13840-Wastewater-structure.pstyle 07/01/2009\ 2:42:46 PM, 2010-1-15\John
JOB#: