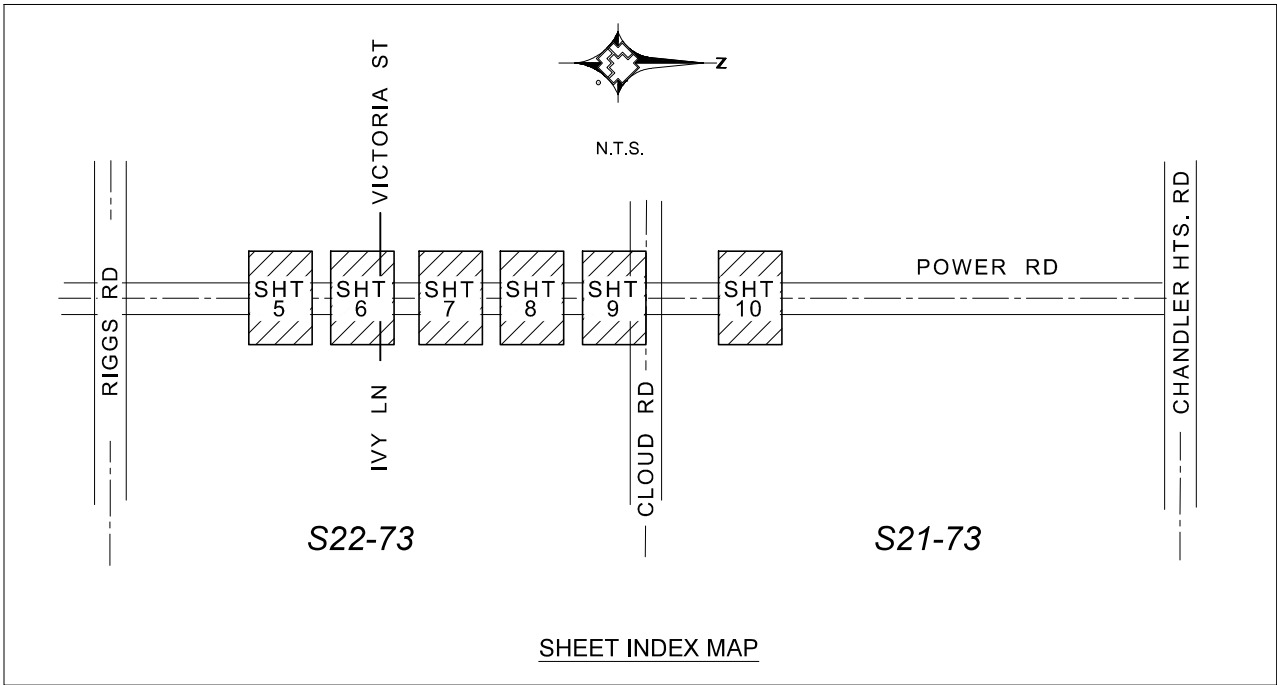


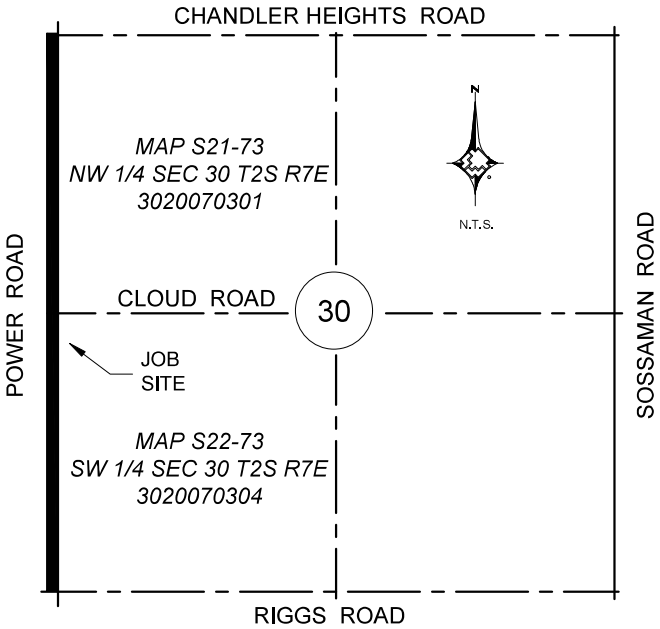
DESIGN LEGEND

EXISTING GAS MAIN	
EXISTING GAS SERVICE	
GAS LINE TO BE ABANDONED	
PROPOSED GAS MAIN	
PROPOSED GAS SERVICE	
STEEL RISER	
ANODELESS RISER	
GASLIGHT	
GAS VALVE	
EXCESS FLOW VALVE	
RELIEF VALVE	
COUPLINGS	
BOND OVER	
CP TEST POINT	
INSULATOR	
REGULATOR STATION	
RECTIFIER	
ANODE	
SCADA	
METER SET ASSEMBLY	
PURGE POINT	
BRANCH,CVT,LINE STOPPER	
EXISTING EASEMENT	
ROW LINE	
PROPERTY LINE	
STREET CENTERLINE	
EDGE OF PAVEMENT	
CABLE LINE - UNDERGROUND	
ELECTRIC - OVERHEAD	
ELECTRIC - UNDERGROUND	
FIBER OPTIC - UNDERGROUND	
PHONE - OVERHEAD	
PHONE - UNDERGROUND	
RECLAIMED WATER	
SEWER	
STORMWATER	
WATER	
UTILITY PEDESTALS	
FIRE HYDRANT	
MANHOLE	
WATER VALVE	
SURVEY MONUMENT	
POWER POLE	
GAS FLOW ARROW	

FRANCHISE EAST
TOWN OF QUEEN CREEK
POWER ROAD: RIGGS ROAD TO CHANDLER HEIGHTS ROAD
CIP PROJECT NO. A1405



SHEET INDEX	
1	COVERSHEET
2	PRESSURE TEST DOCUMENTATION
3-4	DETAILS
5-10	CONSTRUCTION PLANS



LOCATION MAP

TOWN OF QUEEN CREEK

GENERAL NOTES

- ALL IMPROVEMENTS SHALL CONFORM TO THE LATEST MAG STANDARDS AND SPECIFICATIONS OR THE LATEST STANDARDS AND SPECIFICATION ADOPTED BY THE TOWN.
- THE TOWN PUBLIC WORKS DIRECTOR SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY CONSTRUCTION ON THE PROJECT SITE.
- ALL IMPROVEMENTS SHALL BE CONSTRUCTED WITH THE INSPECTION AND APPROVAL OF THE TOWN PUBLIC WORKS DEPARTMENT AND WILL REQUIRE A TOWN CONSTRUCTION PERMIT. CONSTRUCTION WILL NOT BEGIN UNTIL A PERMIT HAS BEEN ISSUED. IF THE WORK IS DISCONTINUED, IT SHALL NOT RESUME UNTIL AFTER NOTIFYING THE TOWN PUBLIC WORKS DIRECTOR.
- UTILITIES MUST BE INSTALLED EITHER IN DEDICATED PUBLIC RIGHT OF WAYS OR IN PUBLIC UTILITY EASEMENTS DEDICATED BY THE LAND OWNER FOR SUCH USAGE AND MAINTENANCE. THE DEVELOPER/OWNER IS RESPONSIBLE FOR THE COORDINATION OF THE RELOCATION OF UTILITIES ON SITE.
- ALL UNDERGROUND UTILITY INSTALLATION IN THE STREETS OR PUBLIC ACCESS WAYS SHALL BE CONSTRUCTED PRIOR TO SURFACING SUCH STREET OR PUBLIC ACCESS WAY.
- THE DEVELOPER SHALL PROVIDE FOR AN ARIZONA REGISTERED ENGINEER TO BE PRESENT ON THE SITE FOR SUFFICIENT TIME TO ASSESS COMPLIANCE WITH THE PLANS AND SPECIFICATIONS FOR EACH ELEMENT OF CONSTRUCTION AND NO LESS THAN ONCE A DAY WHEN CONSTRUCTION IS IN PROGRESS.
- THE TOWN PUBLIC WORKS DIRECTOR SHALL BE NOTIFIED UPON COMPLETION OF ALL UNDERGROUND UTILITIES WITHIN THE STREET RIGHT OF WAYS AND PRIOR TO ANY STREET PREPARATION WORK. INTERIM AS-BUILT PLANS OF THE UTILITIES AND ALL PASSING TEST RESULTS WILL BE SUBMITTED FOR REVIEW. UPON REVIEW AND APPROVAL OF THE SUPPLIED INFORMATION, THE DEVELOPER MAY PROCEED WITH THE INSTALLATION OF STREET IMPROVEMENTS.
- THE DEVELOPER'S ENGINEER SHALL REQUEST THE TOWN PUBLIC WORKS DIRECTOR PERFORM INSPECTION OF THE SUB GRADE BASE PRIOR TO PLACEMENT OF THE OVERLAYING MATERIALS. IN ADDITION, THE TOWN PUBLIC WORKS DIRECTOR SHALL PERFORM PERIODIC INSPECTIONS THROUGHOUT THE COURSE OF CONSTRUCTION. THESE INSPECTIONS OR APPROVALS DO NOT SIGNIFY THAT THE TOWN HAS ACCEPTED ANY OF THE IMPROVEMENTS FOR MAINTENANCE.
- THE DEVELOPER'S ENGINEER SHALL SUBMIT WEEKLY PROGRESS REPORTS TO THE TOWN PUBLIC WORKS DIRECTOR THROUGHOUT THE CONSTRUCTION. THE WEEKLY PROGRESS REPORTS WILL INCLUDE THE RESULTS OF ALL TESTS TAKEN DURING THE WEEK.
- CONSTRUCTION MATERIALS TESTING SHALL BE PERFORMED AT THE DIRECTION OF THE TOWN PUBLIC WORKS DIRECTOR OR HIS REPRESENTATIVE AND AT THE EXPENSE OF THE OWNER/DEVELOPER.
- THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING INDIVIDUAL UTILITY COMPANIES FOR UTILITY LOCATION, OR FOR CALLING BLUE STAKE TO COORDINATE UTILITY LOCATION, AT LEAST 48 HOURS PRIOR TO EXCAVATION OF ALL UNDERGROUND UTILITIES.
- THE ENGINEER CERTIFIES THAT HE HAS CONTACTED ALL APPLICABLE UTILITY COMPANIES AND HAS SHOWN ALL EXISTING AND/OR PROPOSED UTILITY LINES AND PERTINENT INFORMATION TO THESE PLANS, AND HAS PLOTTED CORRECTLY THE EXISTING AND PROPOSED UTILITY RIGHT OF WAY AND/OR EASEMENT LINES ON THE PLANS.

ADOPTED: OCTOBER 2007
MODIFIED: JULY 21, 2008

DESIGN STANDARDS AND PROCEDURES

PAGE CNG-1

BENCHMARK

BRASS CAP IN HANDHOLE AT
INTERSECTION OF OCOTILLO RD &
POWER RD. SOUTHWEST CORNER
OF SECTION 18, TOWNSHIP 2
SOUTH, RANGE 7 EAST.

ELEV: = 1354.40
NAVD 88 VERTICAL DATUM

DESIGN PIPE SUMMARY

DESIGN QTY.	DESCRIPTION
180'	6" PE8400 DIST MAIN

ABANDON PIPE SUMMARY

ABANDON QTY.	DESCRIPTION
156'	6" PE8100 DIST MAIN

DETAIL 557

Pipeline Patrol # DISTRIBUTION

Patrol Description- POWER RD & RIGGS RD

Before:
Start Coordinates: X: Y: End Coordinates: X: Y:
After:
Start Coordinates: X: Y: End Coordinates: X: Y:
☐ Extended ☐ New Patrol
☐ Contracted ☒ Unchanged
☐ Eliminated ☐ No Patrol Required

MAPPING

MAOP FOR ALL COMPONENTS
ESTABLISHED WITH AIR AT 1.5 TIMES MAOP

SWG STATUS: 150 OTHER

SURVEY NOTES

THE LINE WORK SHOWN HEREON DEPICTING RIGHT OF WAY, EASEMENTS, AND/OR PROPERTY LINES IS BASED SOLELY ON RECORD INFORMATION PUBLICLY AVAILABLE FROM THE COUNTY RECORDER'S OFFICE OR ASSESSOR'S OFFICE. NO BOUNDARY SURVEYS OR BOUNDARY VERIFICATIONS HAVE BEEN PERFORMED OR PROVIDED AS PART OF THIS PROJECT.

VALVE INSTALLATION / ABANDONMENT
DETAIL #504

INSTALL	ABAND.	VALVES TO BE INSTALLED / ABANDONED	ISO. ESS. NON-ESS. SLV	VALVE W/ PUPS P O #
<input type="checkbox"/>	<input type="checkbox"/>	VALVE NUMBER: LOCATION:	<input type="checkbox"/>	
		NO VALVES ON THIS JOB	<input type="checkbox"/>	
TOTAL NUMBER OF VALVES INSTALLED:				
TOTAL NUMBER OF VALVES ABANDONED:				

DETAIL 527

CATHODIC PROTECTION REVIEW

CP #	Detail #	Comments
	N/A	NO STEEL WORK ON THIS PROJECT - ALL WORK ON PLASTIC - PE8400 & PE8100
TECH:	DATE	PHONE:

CONTACT ARIZONA 811 AT LEAST
TWO FULL WORKING DAYS
BEFORE YOU BEGIN EXCAVATION



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REVISIONS			
NO.	DESCRIPTION	BY	DATE APPVD.
	PERMIT INFORMATION	ISOLATION AREA	LOCATION ATLAS OR TILE
	QUEEN CREEK GILBERT MARICOPA CO. DUST	ISO-245B	NW 1/4 SEC 30 SW 1/4 SEC 30 T.2S., R.7E. S21-73 S22-73

60 GIL SYS	
SYSTEM MAOP:	60
SYSTEM MOP:	60
SYSTEM MAOP:	
SYSTEM MOP:	

JOB TYPE	
HP SERVICE	<input type="checkbox"/>
DISTRIBUTION	<input checked="" type="checkbox"/>
FEEDER	<input type="checkbox"/>
TRANS. BY DEF	<input type="checkbox"/>
TRANS > 20%	<input type="checkbox"/>

WR NO.	
4611318	
RELATED WR NO.S	

ENGINEER/TECHNICIAN	GENE FLOREZ	8/31/23	PHONE: 480-730-3841
ACCOUNT REP.			PHONE:
PROJECT CONTACT	ZACH STEVENSON		PHONE: 480-730-3855
SHEET NO.	1 OF 10	SCALE	N.T.S. DATE 12/12/2023
DWN. BY	SWG ERF	CHKD. BY	ERF 12/12/2023 APPVD. BY
FRE QNCK A1405 POWER RD IMPROVEMENTS RIGGS RD. TO CHANDLER HEIGHTS RD. QUEEN CREEK, AZ 85142			

TEST DATA

PRE/POST CAMERA INSPECTIONS
FOR THE FACILITIES ON THIS DRAWING SHEET
WERE PERFORMED IN ACCORDANCE WITH
THE MAIN AND SERVICE INSTALLATION PROCEDURE

NAME _____

DATE _____

CONSTRUCTION	
INSPECTOR _____	PJQ# _____
FOREMAN _____	PJQ# _____
REVIEWED BY _____	PJQ# _____

Sewer Lateral Crossing

Method used to locate sewer for pot holing ☐ Camera ☐ Electronic ☐ Locator ☐ Other _____

Number of sewer laterals pot holed _____

Number of sewer laterals crossed by bore method _____

Number of sewer laterals exposed during bore crossing _____

All known sewer laterals crossed by bore were exposed during the bore crossing(s) _____

Signature of bore operator (person who ensured clearance when crossing) _____

Signature of Inspector _____

Inspector: If the number of laterals crossed by bore is greater than the number of laterals exposed you must provide an explanation.

Supervisor: Any sewers not exposed during the bore crossing must be inspected by camera or potholed to ensure proper clearance.

DROP 1

AS-BUILT DRAWING - TEST DATA		TEST # _____
DESCRIPTION:	TEST METHOD	TEST METHOD
	<input type="checkbox"/> AIR	<input type="checkbox"/> GAUGE
	<input type="checkbox"/> NITROGEN	<input type="checkbox"/> CHART
	<input type="checkbox"/> WATER	<input type="checkbox"/> SOAP
	<input type="checkbox"/> NATURAL GAS	
PT POINTS _____		
PIPE DIA. _____	GAUGE SN# _____	
TOTAL LENGTH _____	PRESS REC FID# _____	
PRESSURE (ALL TESTS) (START) _____ (STOP) _____		
PRESSURE (CHART ONLY) (MIN) _____ (MAX) _____		
TIME (START) _____ (STOP) _____		
DATE (START) _____ (STOP) _____		
INTERMEDIATE LEAK TEST	YES <input type="checkbox"/> NO <input type="checkbox"/>	
LEAK SURVEY WR# (NATURAL GAS TEST ONLY) _____		
ANY LEAKS OR FAILURES ON A TEST	YES <input type="checkbox"/> NO <input type="checkbox"/>	
IF YES, NOTE THE LEAKS AND FAILURES AND THEIR DISPOSITION: _____		
PERFORMED BY (PRINT NAME AND EMPLOYEE # OR CONTRACTOR #): _____		
TESTING COMPANY NAME: _____		

DROP 2

AS-BUILT DRAWING - TEST DATA

DESCRIPTION:	TEST MEDIUM	TEST METHOD
PT POINTS _____	<input type="checkbox"/> AIR	<input type="checkbox"/> GAUGE
PIPE DIA. _____	<input type="checkbox"/> NITROGEN	<input type="checkbox"/> CHART
TOTAL LENGTH _____	<input type="checkbox"/> WATER	<input type="checkbox"/> SOAP
	<input type="checkbox"/> NATURAL GAS	
	PRESS REC FID# _____	
PRESSURE (ALL TESTS) (START) _____ (STOP) _____		
PRESSURE (CHART ONLY) (MIN) _____ (MAX) _____		
TIME (START) _____ (STOP) _____		
DATE (START) _____ (STOP) _____		
INTERMEDIATE LEAK TEST YES <input type="checkbox"/> NO <input type="checkbox"/>		
LEAK SURVEY WR# (NATURAL GAS TEST ONLY) _____		
ANY LEAKS OR FAILURES ON A TEST YES <input type="checkbox"/> NO <input type="checkbox"/>		
IF YES, NOTE THE LEAKS AND FAILURES AND THEIR DISPOSITION: _____ _____		
PERFORMED BY (PRINT NAME AND EMPLOYEE # OR CONTRACTOR #): _____ _____		
TESTING COMPANY NAME: _____ _____		

DROP 3

AS-BUILT DRAWING - TEST DATA

TEST # _____

DESCRIPTION: _____

TEST MEDIUM TEST METHOD

☐ AIR ☐ GAUGE

☐ NITROGEN ☐ CHART

☐ WATER ☐ SOAP

☐ NATURAL GAS

PT POINTS _____

PIPE DIA. _____ GAUGE SN# _____

TOTAL LENGTH _____ PRESS REC FID# _____

PRESSURE (ALL TESTS) (START) _____ (STOP) _____

PRESSURE (CHART ONLY) (MN) _____ (MAX) _____

TIME (START) _____ (STOP) _____

DATE (START) _____ (STOP) _____

INTERMEDIATE LEAK TEST YES ☐ NO ☐

LEAK SURVEY WR# (NATURAL GAS TEST ONLY) _____

ANY LEAKS OR FAILURES ON A TEST YES ☐ NO ☐

IF YES, NOTE THE LEAKS AND FAILURES AND THEIR DISPOSITION: _____

PERFORMED BY (PRINT NAME AND EMPLOYEE # OR CONTRACTOR #): _____

TESTING COMPANY NAME: _____

DROP 4

AS-BUILT DRAWING - TEST DATA		TEST # _____
DESCRIPTION:	TEST MEDIUM	TEST METHOD
	<input type="checkbox"/> AIR	<input type="checkbox"/> GAUGE
	<input type="checkbox"/> NITROGEN	<input type="checkbox"/> CHART
	<input type="checkbox"/> WATER	<input type="checkbox"/> SOAP
	<input type="checkbox"/> NATURAL GAS	
PT POINTS _____		
PIPE DIA. _____	GAUGE SN# _____	
TOTAL LENGTH _____	PRESS REC FID# _____	
PRESSURE (ALL TESTS) (START) _____	(STOP) _____	
PRESSURE (CHART ONLY) (MIN) _____	(MAX) _____	
TIME (START) _____	(STOP) _____	
DATE (START) _____	(STOP) _____	
INTERMEDIATE LEAK TEST	YES <input type="checkbox"/> NO <input type="checkbox"/>	
LEAK SURVEY WR# (NATURAL GAS TEST ONLY) _____		
ANY LEAKS OR FAILURES ON A TEST	YES <input type="checkbox"/> NO <input type="checkbox"/>	
IF YES, NOTE THE LEAKS AND FAILURES AND THEIR DISPOSITION:		

PERFORMED BY (PRINT NAME AND EMPLOYEE # OR CONTRACTOR #):		

TESTING COMPANY NAME:		

DROP 5

AS-BUILT DRAWING - TEST DATA

TEST # _____

DESCRIPTION: _____

TEST MEDIUM TEST METHOD

☐ AIR ☐ GAUGE

☐ NITROGEN ☐ CHART

☐ WATER ☐ SOAP

☐ NATURAL GAS

PT POINTS _____

PIPE DIA. _____ GAUGE SN# _____

TOTAL LENGTH _____ PRESS REC FID# _____

PRESSURE (ALL TESTS) (START) _____ (STOP) _____

PRESSURE (CHART ONLY) (MIN) _____ (MAX) _____

TIME (START) _____ (STOP) _____

DATE (START) _____ (STOP) _____

INTERMEDIATE LEAK TEST YES ☐ NO ☐

LEAK SURVEY WR# (NATURAL GAS TEST ONLY) _____

ANY LEAKS OR FAILURES ON A TEST YES ☐ NO ☐

IF YES, NOTE THE LEAKS AND FAILURES AND THEIR DISPOSITION:

PERFORMED BY (PRINT NAME AND EMPLOYEE # OR CONTRACTOR #): _____

TESTING COMPANY NAME: _____

DROP 6

AS-BUILT DRAWING - TEST DATA

TEST # _____

DESCRIPTION: _____

TEST MEDIUM TEST METHOD

☐ AIR ☐ GAUGE

☐ NITROGEN ☐ CHART

☐ WATER ☐ SOAP

☐ NATURAL GAS

PT POINTS _____

PIPE DIA. _____ GAUGE SN# _____

TOTAL LENGTH _____ PRESS REC FID# _____

PRESSURE (ALL TESTS) (START) _____ (STOP) _____

PRESSURE (CHART ONLY) (MN) _____ (MAX) _____

TIME (START) _____ (STOP) _____

DATE (START) _____ (STOP) _____

INTERMEDIATE LEAK TEST YES ☐ NO ☐

LEAK SURVEY WR# (NATURAL GAS TEST ONLY) _____

ANY LEAKS OR FAILURES ON A TEST YES ☐ NO ☐

IF YES, NOTE THE LEAKS AND FAILURES AND THEIR DISPOSITION: _____

PERFORMED BY (PRINT NAME AND EMPLOYEE # OR CONTRACTOR #): _____

TESTING COMPANY NAME: _____

AS-BUILT DRAWING - TEST DATA		TEST # _____
DESCRIPTION:	TEST MEDIUM	TEST METHOD
	<input type="checkbox"/> AIR	<input type="checkbox"/> GAUGE
	<input type="checkbox"/> NITROGEN	<input type="checkbox"/> CHART
	<input type="checkbox"/> WATER	<input type="checkbox"/> SOAP
	<input type="checkbox"/> NATURAL GAS	
PT POINTS _____		
PIPE DIA. _____	GAUGE SN# _____	
TOTAL LENGTH _____	PRESS REC FID# _____	
PRESSURE (ALL TESTS) (START) _____ (STOP) _____		
PRESSURE (CHART ONLY) (MIN) _____ (MAX) _____		
TIME (START) _____ (STOP) _____		
DATE (START) _____ (STOP) _____		
INTERMEDIATE LEAK TEST	YES <input type="checkbox"/> NO <input type="checkbox"/>	
LEAK SURVEY WR# (NATURAL GAS TEST ONLY) _____		
ANY LEAKS OR FAILURES ON A TEST	YES <input type="checkbox"/> NO <input type="checkbox"/>	
IF YES, NOTE THE LEAKS AND FAILURES AND THEIR DISPOSITION: _____		
PERFORMED BY (PRINT NAME AND EMPLOYEE # OR CONTRACTOR #): _____		
TESTING COMPANY NAME: _____		

AS-BUILT DRAWING - TEST DATA **TEST #** _____

DESCRIPTION:	TEST MEDIUM	TEST METHOD
	<input type="checkbox"/> AIR	<input type="checkbox"/> GAUGE
	<input type="checkbox"/> NITROGEN	<input type="checkbox"/> CHART
	<input type="checkbox"/> WATER	<input type="checkbox"/> SOAP
	<input type="checkbox"/> NATURAL GAS	

PT POINTS _____

PIPE DIA. _____ GAUGE SN# _____

TOTAL LENGTH _____ PRESS REC FID# _____

PRESSURE (ALL TESTS) (START) _____ (STOP) _____

PRESSURE (CHART ONLY) (MIN) _____ (MAX) _____

TIME (START) _____ (STOP) _____

DATE (START) _____ (STOP) _____

INTERMEDIATE LEAK TEST YES ☐ NO ☐

LEAK SURVEY WR# (NATURAL GAS TEST ONLY) _____

ANY LEAKS OR FAILURES ON A TEST YES ☐ NO ☐

IF YES, NOTE THE LEAKS AND FAILURES AND THEIR DISPOSITION: _____

PERFORMED BY (PRINT NAME AND EMPLOYEE # OR CONTRACTOR #): _____

TESTING COMPANY NAME: _____

AS-BUILT DRAWING - TEST DATA **TEST #** _____

DESCRIPTION: **TEST MEDIUM** **TEST METHOD**

☐ AIR ☐ GAUGE

☐ NITROGEN ☐ CHART

☐ WATER ☐ SOAP

☐ NATURAL GAS

PT POINTS _____

PIPE DIA. _____ **GAUGE SN#** _____

TOTAL LENGTH _____ **PRESS REC FID#** _____

PRESSURE (ALL TESTS) (START) _____ **(STOP)** _____

PRESSURE (CHART ONLY) (MN) _____ **(MAX)** _____

TIME (START) _____ **(STOP)** _____

DATE (START) _____ **(STOP)** _____

INTERMEDIATE LEAK TEST YES ☐ NO ☐

LEAK SURVEY WR# (NATURAL GAS TEST ONLY) _____

ANY LEAKS OR FAILURES ON A TEST YES ☐ NO ☐

IF YES, NOTE THE LEAKS AND FAILURES AND THEIR DISPOSITION:

PERFORMED BY (PRINT NAME AND EMPLOYEE # OR CONTRACTOR #):

TESTING COMPANY NAME:

AS-BUILT DRAWING - TEST DATA **TEST # _____**

DESCRIPTION: **TEST MEDIUM** **TEST METHOD**

☐ AIR ☐ GAUGE

☐ NITROGEN ☐ CHART

☐ WATER ☐ SOAP

☐ NATURAL GAS

PT POINTS _____

PIPE DIA. _____ **GAUGE SN#** _____

TOTAL LENGTH _____ **PRESS REC FID#** _____

PRESSURE (ALL TESTS) (START) _____ **(STOP)** _____

PRESSURE (CHART ONLY) (MIN) _____ **(MAX)** _____

TIME (START) _____ **(STOP)** _____

DATE (START) _____ **(STOP)** _____

INTERMEDIATE LEAK TEST YES ☐ NO ☐

LEAK SURVEY WR# (NATURAL GAS TEST ONLY) _____

ANY LEAKS OR FAILURES ON A TEST YES ☐ NO ☐

IF YES, NOTE THE LEAKS AND FAILURES AND THEIR DISPOSITION:

PERFORMED BY (PRINT NAME AND EMPLOYEE # OR CONTRACTOR #):

TESTING COMPANY NAME:

AS-BUILT DRAWING - TEST DATA

DESCRIPTION:	TEST MEDIUM	TEST METHOD
	<input type="checkbox"/> AIR	<input type="checkbox"/> GAUGE
	<input type="checkbox"/> NITROGEN	<input type="checkbox"/> CHART
	<input type="checkbox"/> WATER	<input type="checkbox"/> SOAP
	<input type="checkbox"/> NATURAL GAS	

PT POINTS _____

PIPE DIA. _____ GAUGE SN# _____

TOTAL LENGTH _____ PRESS REC FID# _____

PRESSURE (ALL TESTS) (START) _____ (STOP) _____

PRESSURE (CHART ONLY) (MIN) _____ (MAX) _____

TIME (START) _____ (STOP) _____

DATE (START) _____ (STOP) _____

INTERMEDIATE LEAK TEST YES ☐ NO ☐

LEAK SURVEY W/R# (NATURAL GAS TEST ONLY) _____

ANY LEAKS OR FAILURES ON A TEST YES ☐ NO ☐

IF YES, NOTE THE LEAKS AND FAILURES AND THEIR DISPOSITION:

PERFORMED BY (PRINT NAME AND EMPLOYEE # OR CONTRACTOR #):

TESTING COMPANY NAME:

AS-BUILT DRAWING - TEST DATA

TEST # _____

DESCRIPTION: _____

TEST MEDIUM _____

TEST METHOD _____

☐ AIR ☐ GAUGE

☐ NITROGEN ☐ CHART

☐ WATER ☐ SOAP

☐ NATURAL GAS

PT POINTS _____

PIPE DIA. _____ GAUGE SN# _____

TOTAL LENGTH _____ PRESS REC FID# _____

PRESSURE (ALL TESTS) (START) _____ (STOP) _____

PRESSURE (CHART ONLY) (MN) _____ (MAX) _____

TIME (START) _____ (STOP) _____

DATE (START) _____ (STOP) _____

INTERMEDIATE LEAK TEST YES ☐ NO ☐

LEAK SURVEY WR# (NATURAL GAS TEST ONLY) _____

ANY LEAKS OR FAILURES ON A TEST YES ☐ NO ☐

IF YES, NOTE THE LEAKS AND FAILURES AND THEIR DISPOSITION: _____

PERFORMED BY (PRINT NAME AND EMPLOYEE # OR CONTRACTOR #): _____

TESTING COMPANY NAME: _____



CALL 811 OR CLICK ARIZONA811.COM



SOUTHWEST GAS CORPORATION

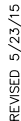
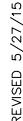
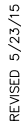
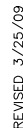
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REVISIONS							60 GIL SYS		JOB TYPE		WR NO.		ENGINEER/TECHNICIAN GENE FLOREZ		PHONE: 480-730-3841	
								SYSTEM MAOP: 60	HP SERVICE <input type="checkbox"/>	4611318	ACCOUNT REP.		PHONE:			
											PROJECT CONTACT ZACH STEVENSON		PHONE: 480-730-3855			
											SHEET NO. 2 OF 10		SCALE N.T.S.		DATE 12/12/2023	
NO.								SYSTEM MOP: 60	DISTRIBUTION <input checked="" type="checkbox"/>			DWN. BY SWG ERF		CHKD. BY <i>ERG</i> 12/12/2023		APPVD. BY
DESCRIPTION		BY		DATE		APPVD.				RELATED WR NO.S		FRE QNCK A1405 POWER RD IMPROVEMENTS RIGGS RD. TO CHANDLER HEIGHTS RD. QUEEN CREEK, AZ 85142				
PERMIT INFORMATION		ISOLATION AREA		LOCATION		ATLAS OR TILE				FEEDER <input type="checkbox"/>						
QUEEN CREEK GILBERT MARICOPA CO. DUST		ISO-245B		NW 1/4 SEC 30 SW 1/4 SEC 30 T.2S., R.7E.		S21-73 S22-73		SYSTEM MAOP: SYSTEM MOP:		TRANS. BY DEF <input type="checkbox"/>						
										TRANS > 20% <input type="checkbox"/>						

DETAILS



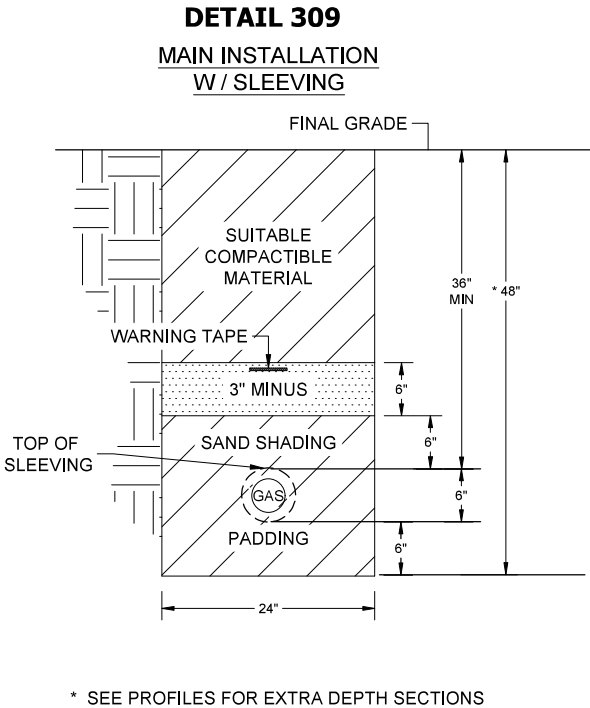
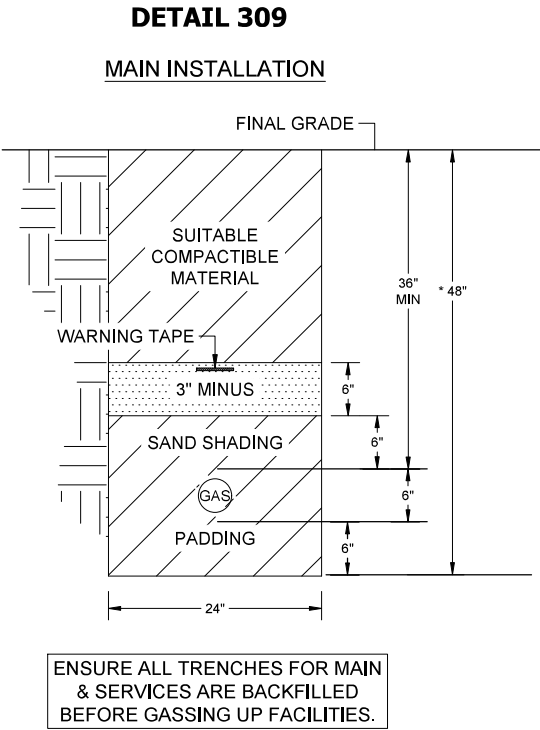
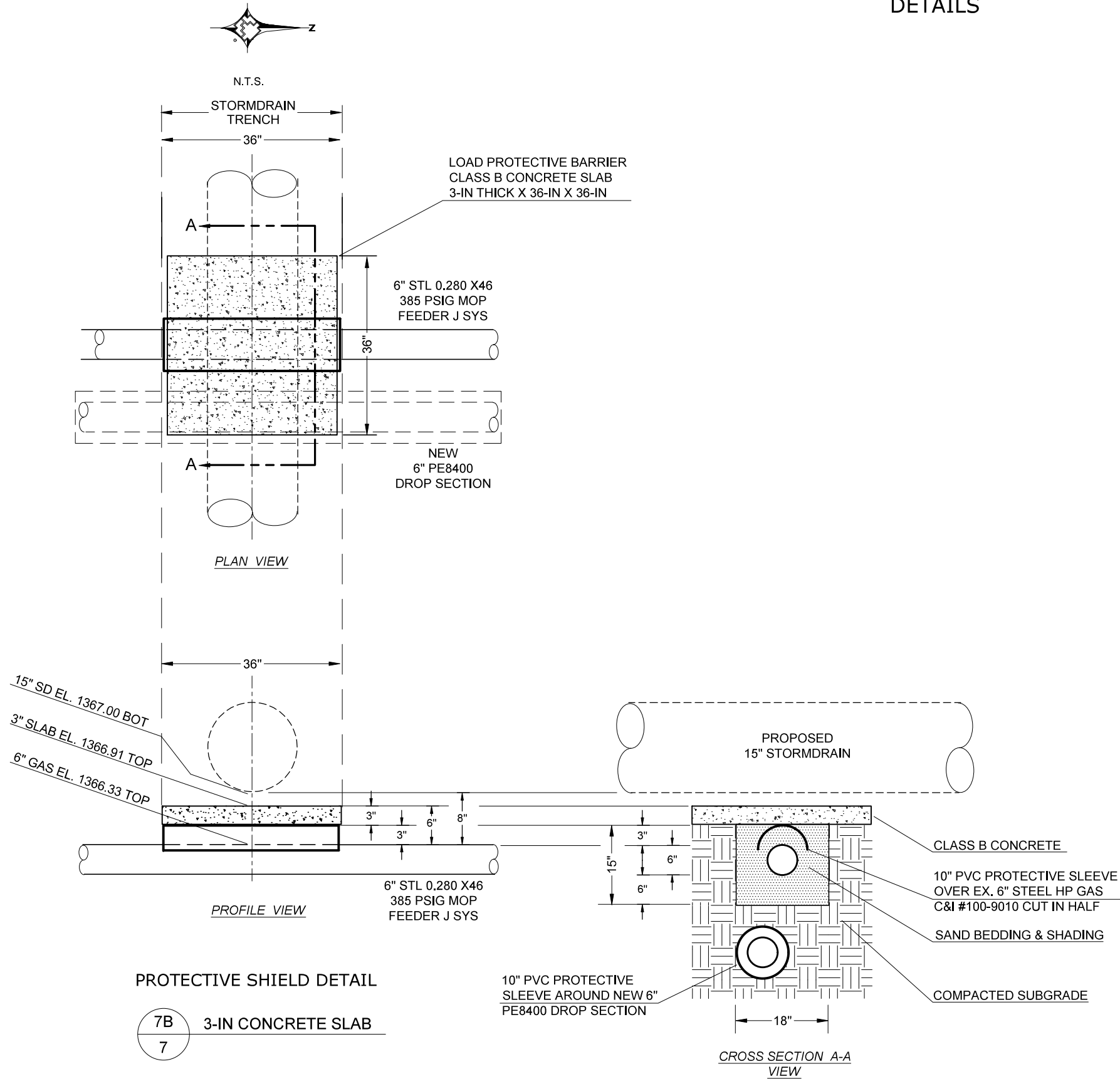
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REVISIONS					60 GIL SYS		JOB TYPE		WR NO.	ENGINEER/TECHNICIAN		GENE FLOREZ		PHONE: 480-730-3841	
									4611318	ACCOUNT REP.				PHONE:	
					SYSTEM MAOP: 60		HP SERVICE <input type="checkbox"/>			PROJECT CONTACT		ZACH STEVENSON		PHONE: 480-730-3855	
					SYSTEM MOP: 60		DISTRIBUTION <input checked="" type="checkbox"/>			SHEET NO. 3 OF 10		SCALE N.T.S.		DATE 12/12/2023	
NO.	DESCRIPTION				BY	DATE	APPVD.			DWN. BY SWG ERF		CHKD. BY ERG 12/12/2023		APPVD. BY	
PERMIT INFORMATION		ISOLATION AREA	LOCATION		ATLAS OR TILE				FEEDER <input type="checkbox"/>		RELATED WR NO.S		FRE QNCK A1405 POWER RD IMPROVEMENTS RIGGS RD. TO CHANDLER HEIGHTS RD. QUEEN CREEK, AZ 85142		
QUEEN CREEK GILBERT MARICOPA CO. DUST		ISO-245B	NW 1/4 SEC 30 SW 1/4 SEC 30 T.2S., R.7E.		S21-73 S22-73		SYSTEM MAOP: SYSTEM MOP:		TRANS. BY DEF <input type="checkbox"/> TRANS > 20% <input type="checkbox"/>						

DETAILS



CONTACT ARIZONA 811 AT LEAST
TWO FULL WORKING DAYS
BEFORE YOU BEGIN EXCAVATION

ARIZONA811
CALL 811 OR CLICK ARIZONA811.COM



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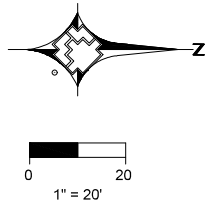
For Reference Only - Not Valid for Line Locating Purposes. No representation or warranty is made for the adequacy, accuracy or completeness of the information or depictions shown. This information is protected from further disclosure under the federal Freedom of Information Act and the Protected Critical Infrastructure Information Act of 2002, and Arizona Revised Statutes § 41-4272.

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REVISIONS				
NO.	DESCRIPTION	BY	DATE	APPVD.
1	PERMIT INFORMATION	ISOLATION AREA	LOCATION	ATLAS OR TILE
2	QUEEN CREEK GILBERT MARICOPA CO. DUST	ISO-245B	NW 1/4 SEC 30 SW 1/4 SEC 30 T.2S., R.7E.	S21-73 S22-73

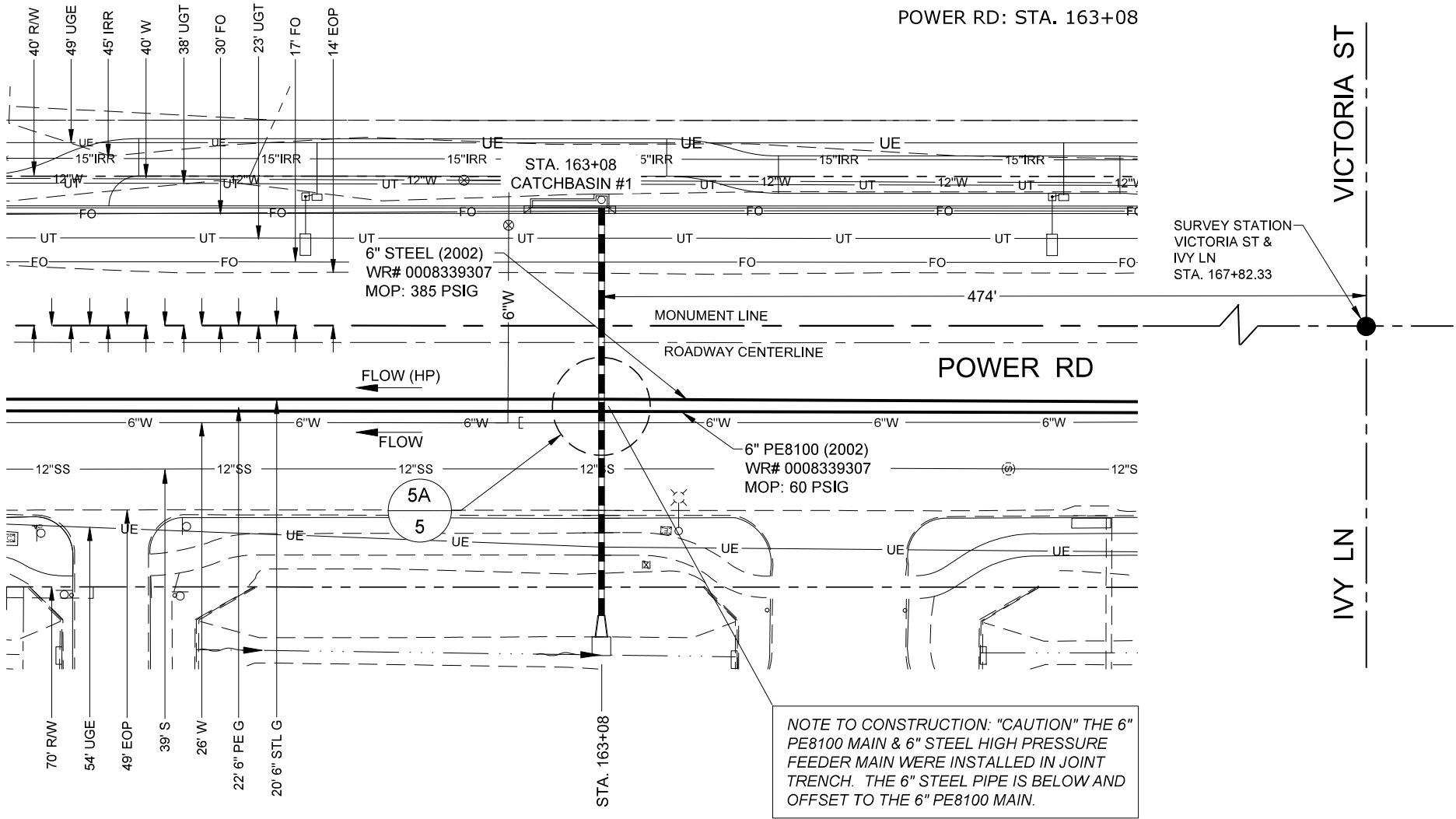
60 GIL SYS	JOB TYPE	WR NO.
SYSTEM MAOP: 60	HP SERVICE <input type="checkbox"/>	4611318
SYSTEM MOP: 60	DISTRIBUTION <input checked="" type="checkbox"/>	RELATED WR NO.S
	FEEDER <input type="checkbox"/>	
	TRANS. BY DEF <input type="checkbox"/>	
	TRANS > 20% <input type="checkbox"/>	

ENGINEER/TECHNICIAN	GENE FLOREZ	PHONE: 480-730-3841
ACCOUNT REP.		PHONE:
PROJECT CONTACT	ZACH STEVENSON	PHONE: 480-730-3855
SHEET NO. 4 OF 10	SCALE N.T.S.	DATE 12/12/2023
DWN. BY SWG ERF	CHKD. BY <i>ERF</i> 12/12/2023	APPVD. BY
FRE QNCK A1405 POWER RD IMPROVEMENTS RIGGS RD. TO CHANDLER HEIGHTS RD. QUEEN CREEK, AZ 85142		



6" PE8400 DROP SECTION 1

POWER RD: STA. 163+08



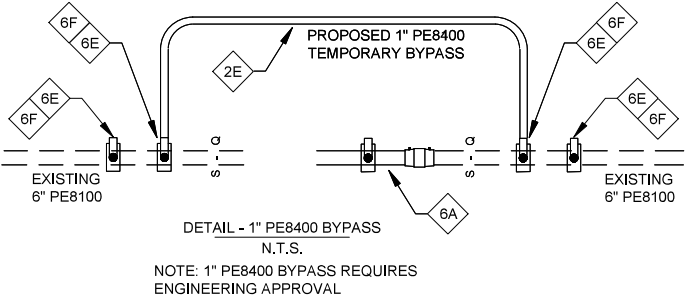
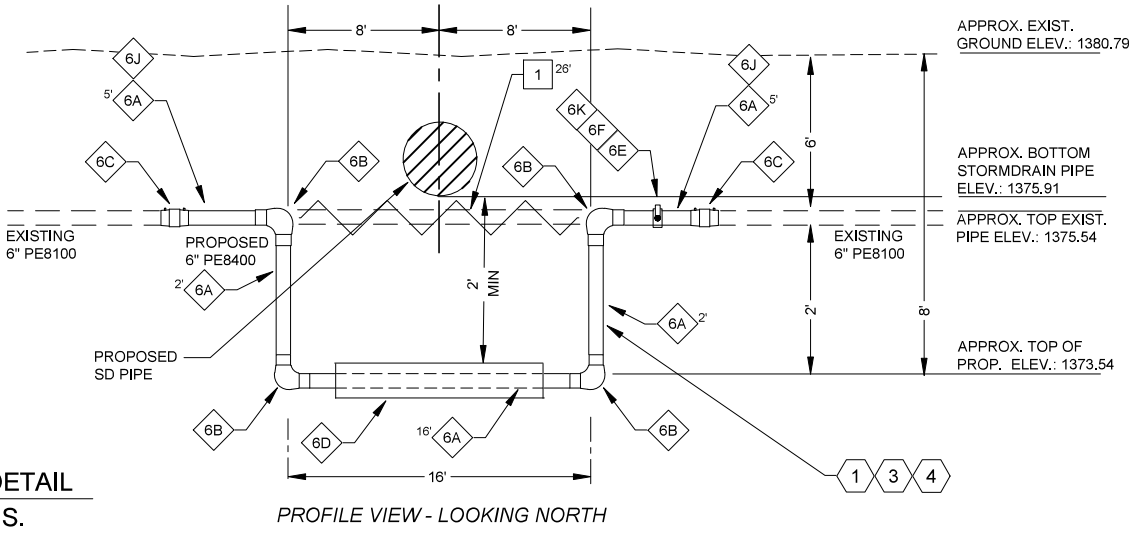
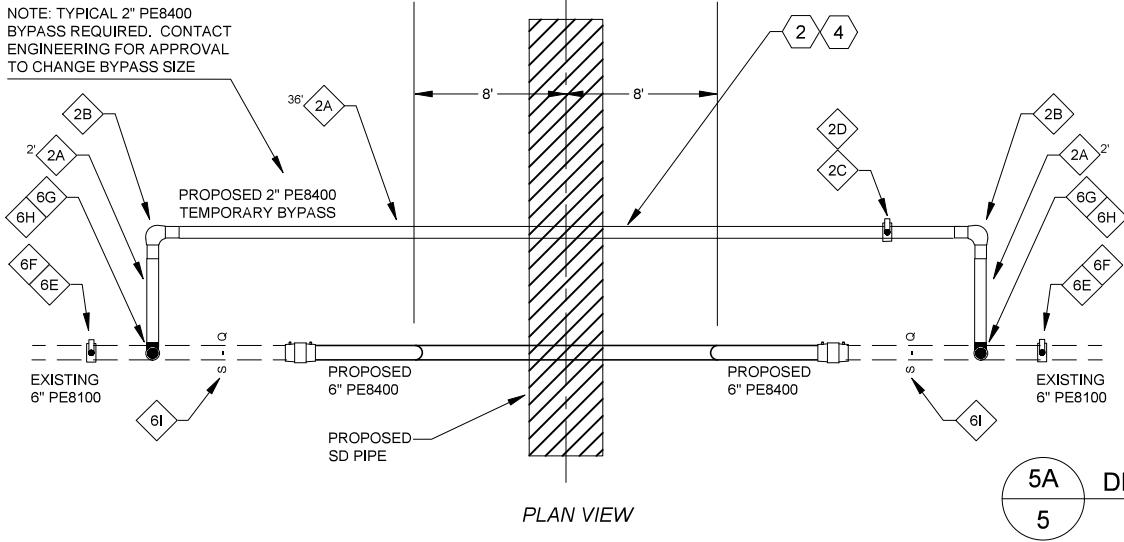
6" DISTRIBUTION MATERIALS LIST						
CODE	DESIGN QTY.	AS-BUILT QTY.	STOCK ID	DESCRIPTION	SEAM	COATING
6A	30'		100-5904	PIPE 6" IPS SDR11 PE8400		
6B	4		140-3827	ELBOW 90 EF 6 IPS PE		
6C	2		140-3438	COUPLING 6" PE ELECTROFUSION		
6D	14'		100-9010	SLEEVING 10" PVC STRAIGHT BELL END		
6E	3		160-8559	TEE TAPPING PLASTIC 6" X 1" CTS W/VENT CAP RWLY		
6F	3		850-8698	CAP 1" LYCO RWLY		
6G	2		160-8175	TEE TAPPING HIGH VOLUME 6" X 2" - BYPASS		
6H	2		850-9922	NUT ABANDONMENT 2" POLYAMIDE - BYPASS		
6I	2		720-4000	MARKER BALL GAS YELLOW 4"		
6J	2		140-3052	CAP 6" PE FUSION PRFP TEST/TARE		
6K	2		161-7564	RISER 1" PE RWLY TEST/TARE		

2" DISTRIBUTION MATERIALS LIST						
CODE	DESIGN QTY.	AS-BUILT QTY.	STOCK ID	DESCRIPTION	SEAM	COATING
2A	40'		100-5103	PIPE 2" PE8400 - TEMPORARY BYPASS TARE		
2B	2		140-3067	ELBOW 2" PE 90 DEGREE - TEMPORARY BYPASS TARE		
2C	1		160-8551	2" X 1" TEE TAPPING - TEMPORARY BYPASS TARE		
2D	1		161-7564	RISER 1" PE RWLY - TEST / TARE		
2E	40'		101-8575	TUBING 1 INCH PE 8400 AUTOCOIL TEMP BYPASS TARE		

ABANDON FACILITIES				
ITEM #	DESIGN QTY.	AS-BUILT QTY.	DESCRIPTION	YEAR
1	26'		6" PE8100, WR# 0008339307, MOP: 60 PSIG	2002

CONSTRUCTION NOTES	
1	PRE-FAB NEW MAIN AS SHOWN IN DROP DETAIL. TEST IN ACCORDANCE WITH OPERATIONS MANUAL, PIPE & COMPONENT TESTING SECTION
2	INSTALL TEMPORARY BYPASS, ISOLATE DROP SECTION PER SQUEEZE METHOD
3	INSTALL NEW DROP SECTION WITH ELECTROFUSION COUPLINGS
4	PURGE & ACTIVATE NEW DROP SECTION. REPAIR SQUEEZE POINTS, REMOVE TEMPORARY BYPASS, & COMPLETE CLOSE SVC TAP TEES.

NOTE: TYPICAL 2" PE8400 BYPASS REQUIRED. CONTACT ENGINEERING FOR APPROVAL TO CHANGE BYPASS SIZE



CONTACT ARIZONA 811 AT LEAST TWO FULL WORKING DAYS BEFORE YOU BEGIN EXCAVATION



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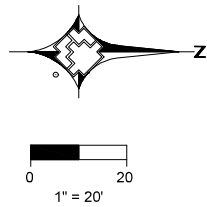
REVISIONS				
NO.	DESCRIPTION	BY	DATE	APPVD.
1	PERMIT INFORMATION	ISOLATION AREA	LOCATION	ATLAS OR TILE
2	QUEEN CREEK GILBERT MARICOPA CO. DUST	ISO-245B	NW 1/4 SEC 30 SW 1/4 SEC 30 T.2S., R.7E.	S21-73 S22-73

60 GIL SYS	
SYSTEM MAOP:	60
SYSTEM MOP:	60

JOB TYPE	
HP SERVICE	<input type="checkbox"/>
DISTRIBUTION	<input checked="" type="checkbox"/>
FEEDER	<input type="checkbox"/>
TRANS. BY DEF	<input type="checkbox"/>
TRANS > 20%	<input type="checkbox"/>

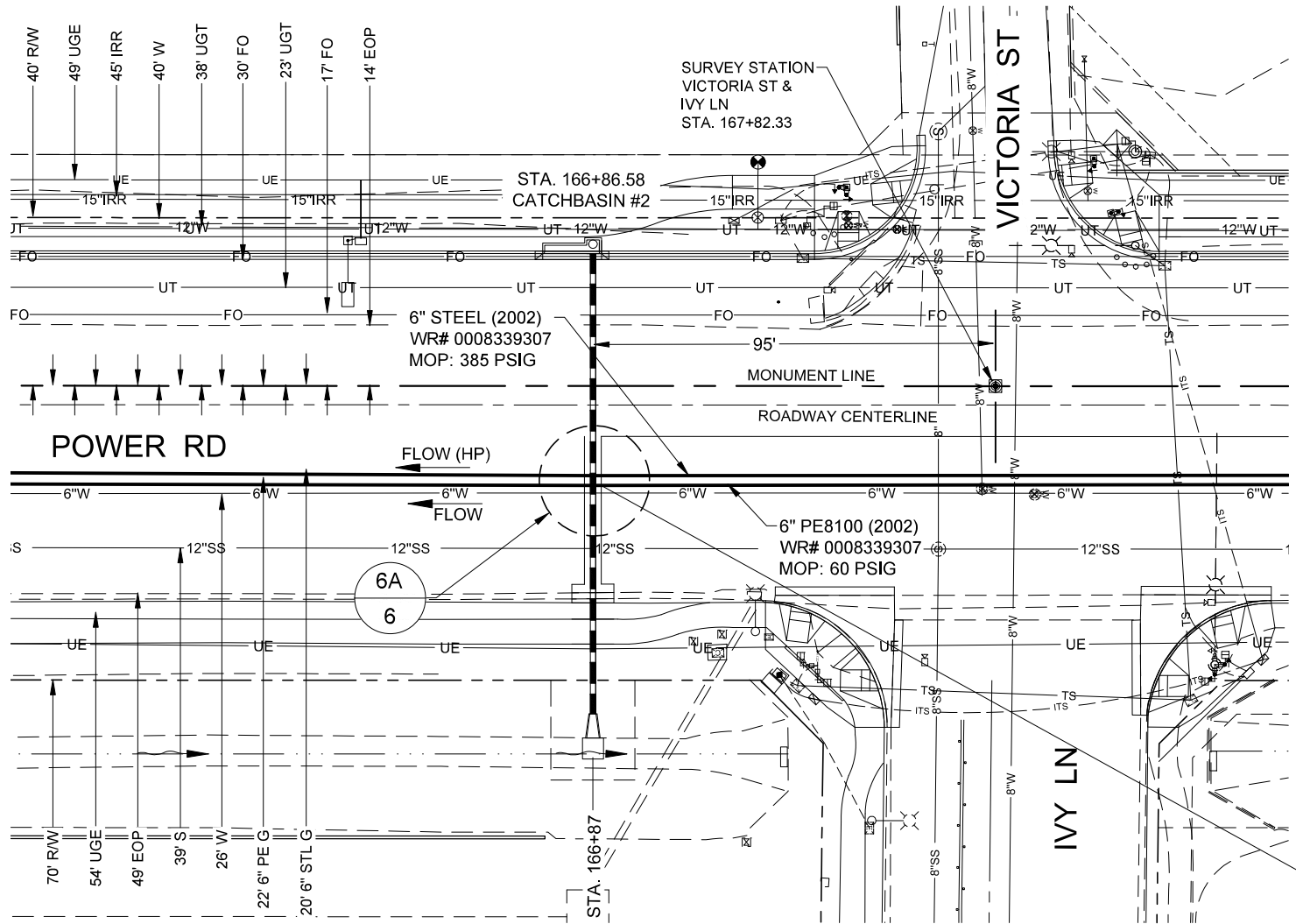
WR NO.	
4611318	
RELATED WR NO.S	

ENGINEER/TECHNICIAN	GENE FLOREZ	PHONE: 480-730-3841
ACCOUNT REP.		PHONE:
PROJECT CONTACT	ZACH STEVENSON	PHONE: 480-730-3855
SHEET NO.	5 OF 10	SCALE 1" = 20'
DATE	12/12/2023	DATE
DWN. BY	SWG ERF	CHKD. BY
APPVD. BY		
FRE QNCK A1405 POWER RD IMPROVEMENTS RIGGS RD. TO CHANDLER HEIGHTS RD. QUEEN CREEK, AZ 85142		



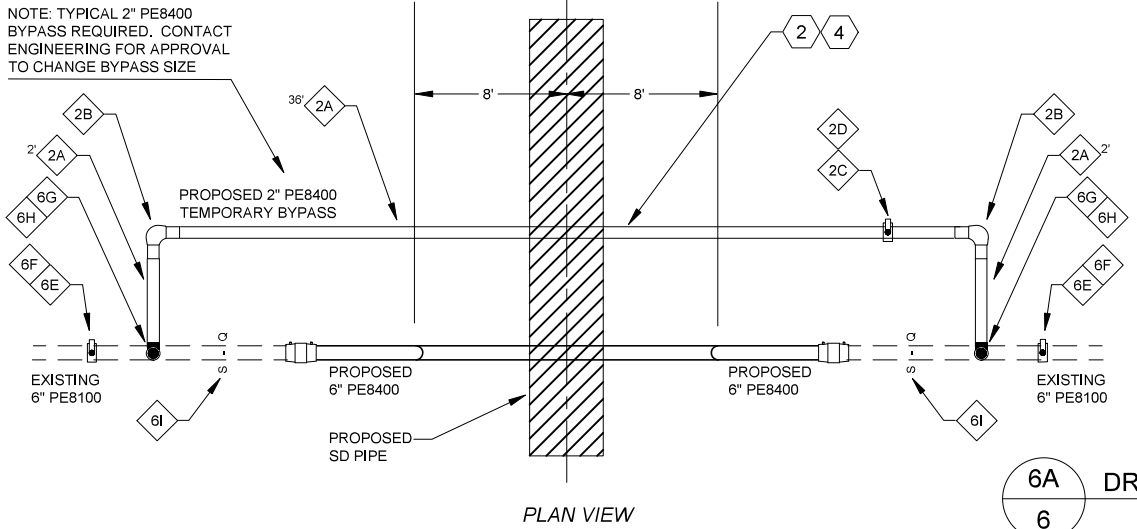
6" PE8400 DROP SECTION 2

POWER RD: STA. 166+87

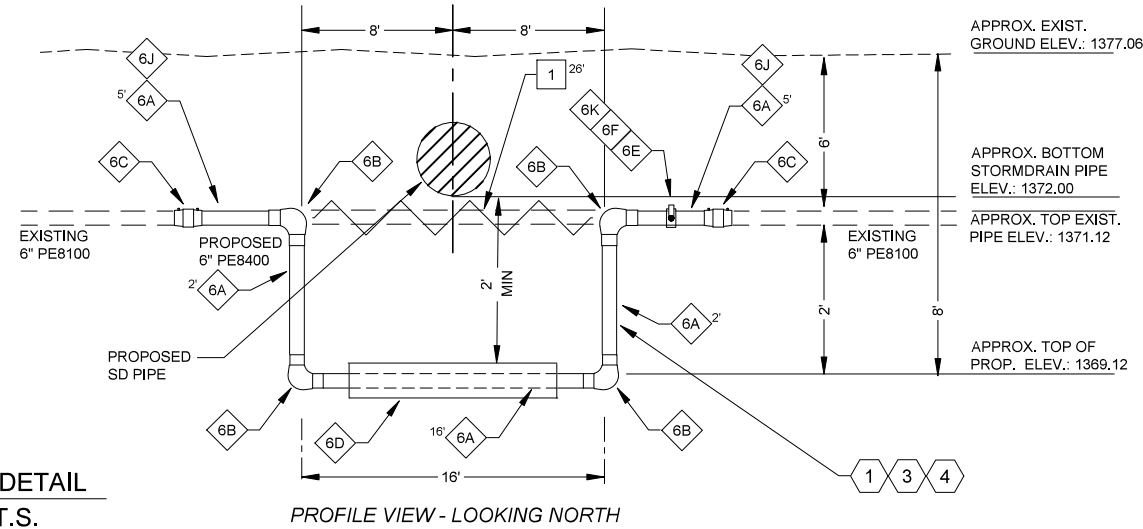


NOTE TO CONSTRUCTION: "CAUTION" THE 6" PE8100 MAIN & 6" STEEL HIGH PRESSURE FEEDER MAIN WERE INSTALLED IN JOINT TRENCH. THE 6" STEEL PIPE IS BELOW AND OFFSET TO THE 6" PE8100 MAIN.

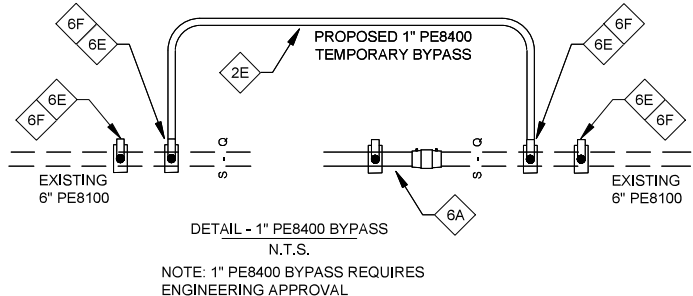
NOTE: TYPICAL 2" PE8400 BYPASS REQUIRED. CONTACT ENGINEERING FOR APPROVAL TO CHANGE BYPASS SIZE



6A DROP DETAIL
6 N.T.S.



CONSTRUCTION NOTES				
1	PRE-FAB NEW MAIN AS SHOWN IN DROP DETAIL. TEST IN ACCORDANCE WITH OPERATIONS MANUAL, PIPE & COMPONENT TESTING SECTION			
2	INSTALL TEMPORARY BYPASS, ISOLATE DROP SECTION PER SQUEEZE METHOD			
3	INSTALL NEW DROP SECTION WITH ELECTROFUSION COUPLINGS			
4	PURGE & ACTIVATE NEW DROP SECTION. REPAIR SQUEEZE POINTS, REMOVE TEMPORARY BYPASS, & COMPLETE CLOSE SVC TAP TEES.			



6" DISTRIBUTION MATERIALS LIST						
CODE	DESIGN QTY.	AS-BUILT QTY.	STOCK ID	DESCRIPTION	SEAM	COATING
6A	30'		100-5904	PIPE 6" IPS SDR11 PE8400		
6B	4		140-3827	ELBOW 90 EF 6 IPS PE		
6C	2		140-3438	COUPLING 6" PE ELECTROFUSION		
6D	14'		100-9010	SLEEVING 10" PVC STRAIGHT BELL END		
6E	3		160-8559	TEE TAPPING PLASTIC 6" X 1" CTS W/VENT CAP RWLY		
6F	3		850-8698	CAP 1" LYCO RWLY		
6G	2		160-8175	TEE TAPPING HIGH VOLUME 6" X 2" - BYPASS		
6H	2		850-9922	NUT ABANDONMENT 2" POLYAMIDE - BYPASS		
6I	2		720-4000	MARKER BALL GAS YELLOW 4"		
6J	2		140-3052	CAP 6" PE FUSION PRFP TEST/TARE		
6K	2		161-7564	RISER 1" PE RWLY TEST/TARE		

2" DISTRIBUTION MATERIALS LIST						
CODE	DESIGN QTY.	AS-BUILT QTY.	STOCK ID	DESCRIPTION	SEAM	COATING
2A	40'		100-5103	PIPE 2" PE8400 - TEMPORARY BYPASS TARE		
2B	2		140-3067	ELBOW 2" PE 90 DEGREE - TEMPORARY BYPASS TARE		
2C	1		160-8551	2" X 1" TEE TAPPING - TEMPORARY BYPASS TARE		
2D	1		161-7564	RISER 1" PE RWLY - TEST / TARE		
2E	40'		101-8575	TUBING 1 INCH PE 8400 AUTOCOIL TEMP BYPASS TARE		

ABANDON FACILITIES				
ITEM #	DESIGN QTY.	AS-BUILT QTY.	DESCRIPTION	YEAR
1	26'		6" PE8100, WR# 0008339307, MOP: 60 PSIG	2002

CONTACT ARIZONA 811 AT LEAST TWO FULL WORKING DAYS BEFORE YOU BEGIN EXCAVATION



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REVISIONS				
NO.	DESCRIPTION	BY	DATE	APPVD.
1	PERMIT INFORMATION	ISOLATION AREA	LOCATION	ATLAS OR TILE
2	QUEEN CREEK GILBERT MARICOPA CO. DUST	ISO-245B	NW 1/4 SEC 30 SW 1/4 SEC 30 T.2S., R.7E.	S21-73 S22-73

60 GIL SYS	
SYSTEM MAOP:	60
SYSTEM MOP:	60

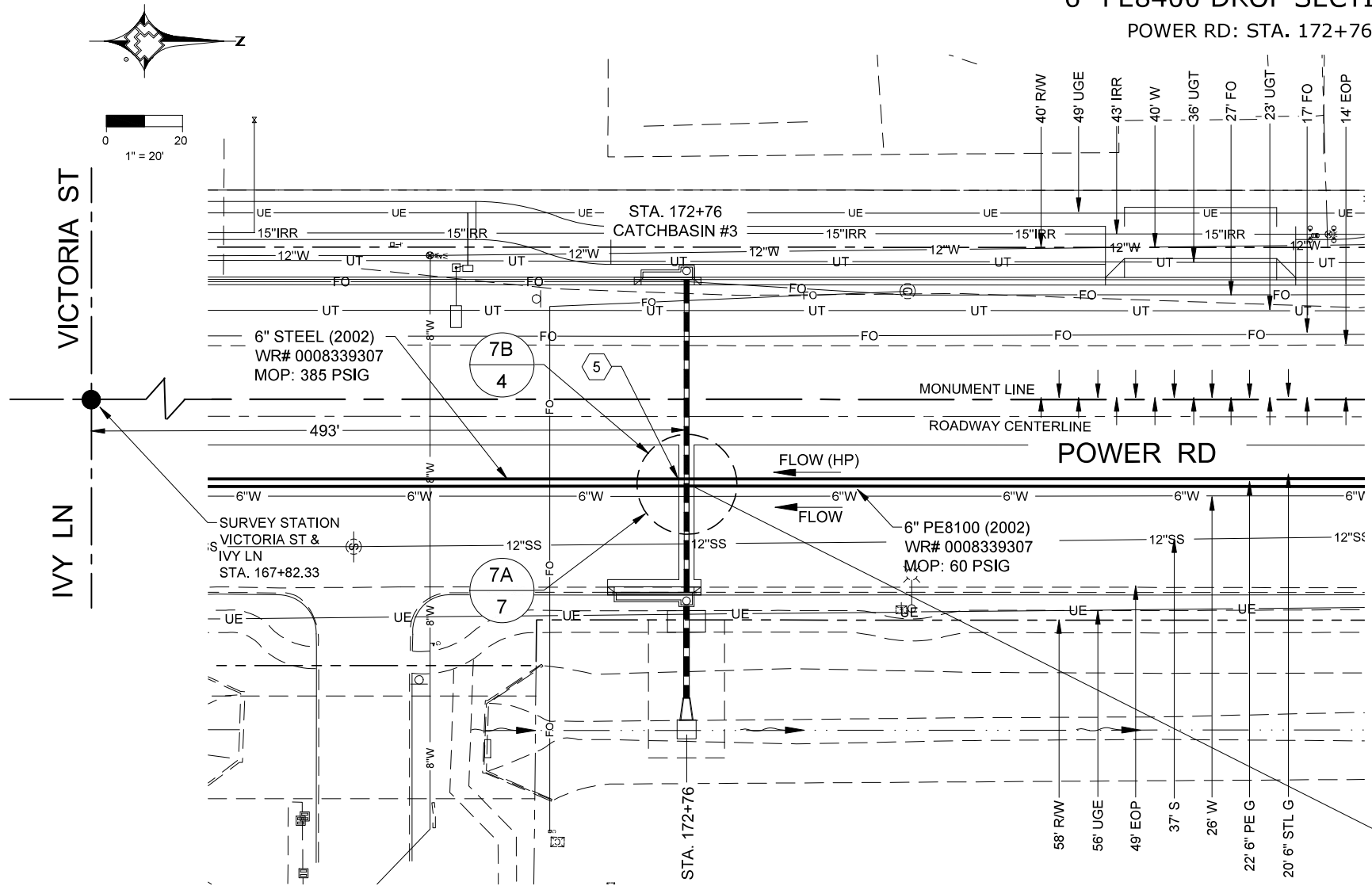
JOB TYPE	HP SERVICE <input type="checkbox"/>
DISTRIBUTION	<input checked="" type="checkbox"/>
FEEDER	<input type="checkbox"/>
TRANS. BY DEF	<input type="checkbox"/>
TRANS > 20%	<input type="checkbox"/>

WR NO.	4611318
RELATED WR NO.S	

ENGINEER/TECHNICIAN	GENE FLOREZ	PHONE: 480-730-3841
ACCOUNT REP.		PHONE:
PROJECT CONTACT	ZACH STEVENSON	PHONE: 480-730-3855
SHEET NO.	6 OF 10	SCALE 1" = 20'
DATE	12/12/2023	
DWN. BY	SWG ERF	CHKD. BY
APPVD. BY		
FRE QNCK A1405 POWER RD IMPROVEMENTS RIGGS RD. TO CHANDLER HEIGHTS RD. QUEEN CREEK, AZ 85142		

6" PE8400 DROP SECTION 3

POWER RD: STA. 172+76



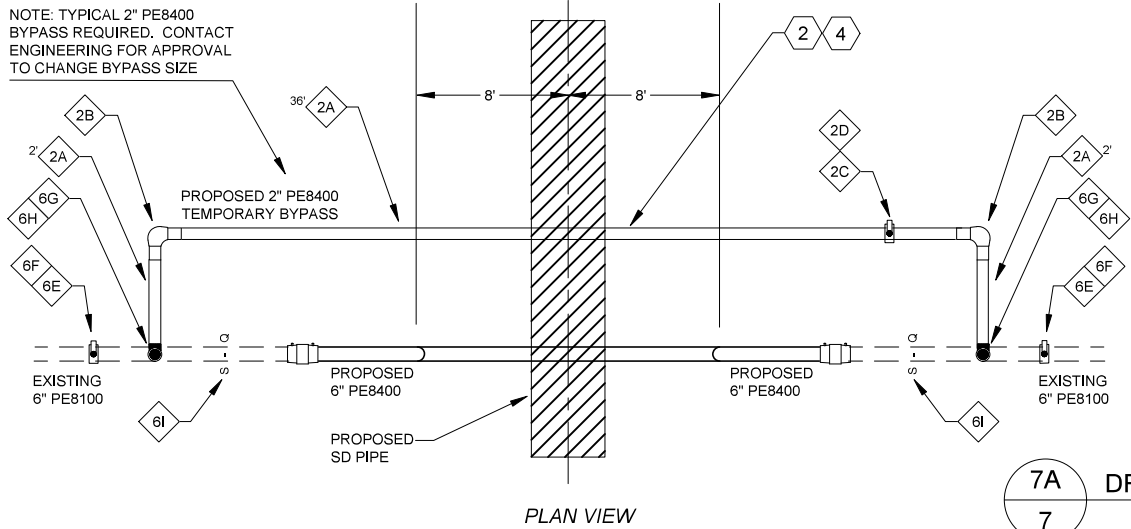
6" DISTRIBUTION MATERIALS LIST						
CODE	DESIGN QTY.	AS-BUILT QTY.	STOCK ID	DESCRIPTION	SEAM	COATING
6A	30'		100-5904	PIPE 6" IPS SDR11 PE8400		
6B	4		140-3827	ELBOW 90 EF 6 IPS PE		
6C	2		140-3438	COUPLING 6" PE ELECTROFUSION		
6D	14'		100-9010	SLEEVING 10" PVC STRAIGHT BELL END		
6E	3		160-8559	TEE TAPPING PLASTIC 6" X 1" CTS W/VENT CAP RWLY		
6F	3		850-8698	CAP 1" LYCO RWLY		
6G	2		160-8175	TEE TAPPING HIGH VOLUME 6" X 2" - BYPASS		
6H	2		850-9922	NUT ABANDONMENT 2" POLYAMIDE - BYPASS		
6I	2		720-4000	MARKER BALL GAS YELLOW 4"		
6J	2		140-3052	CAP 6" PE FUSION PRFP TEST/TARE		
6K	2		161-7564	RISER 1" PE RWLY TEST/TARE		

2" DISTRIBUTION MATERIALS LIST						
CODE	DESIGN QTY.	AS-BUILT QTY.	STOCK ID	DESCRIPTION	SEAM	COATING
2A	40'		100-5103	PIPE 2" PE8400 - TEMPORARY BYPASS TARE		
2B	2		140-3067	ELBOW 2" PE 90 DEGREE - TEMPORARY BYPASS TARE		
2C	1		160-8551	2" X 1" TEE TAPPING - TEMPORARY BYPASS TARE		
2D	1		161-7564	RISER 1" PE RWLY - TEST / TARE		
2E	40'		101-8575	TUBING 1 INCH PE 8400 AUTO COIL TEMP BYPASS TARE		

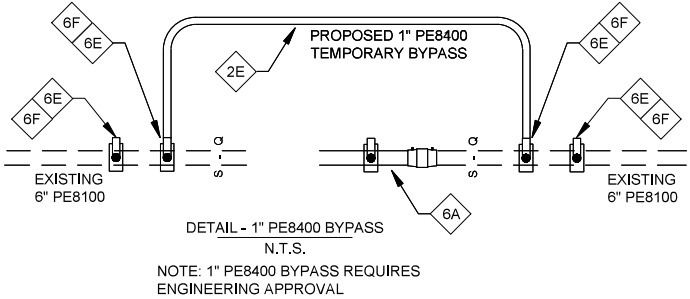
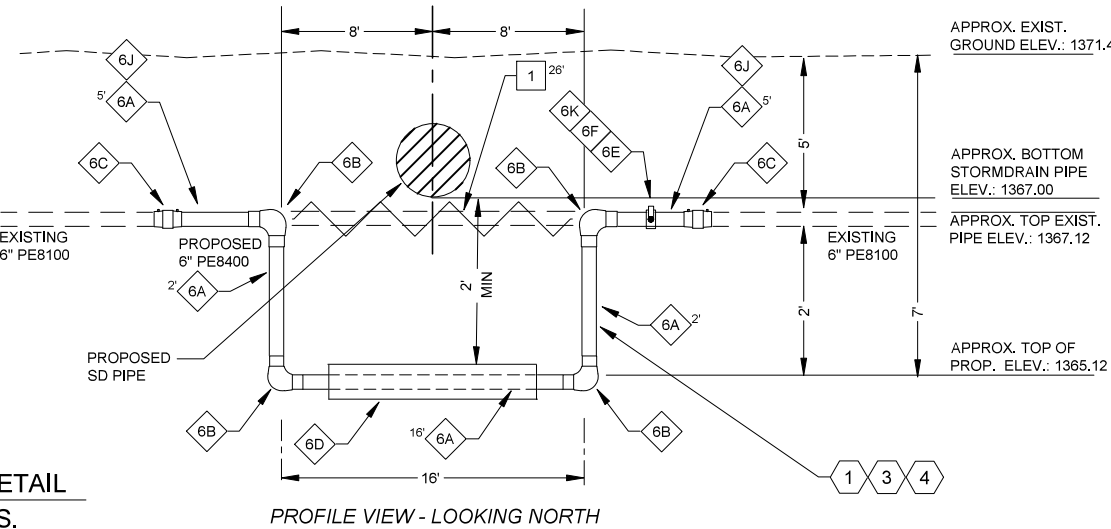
ABANDON FACILITIES				
ITEM #	DESIGN QTY.	AS-BUILT QTY.	DESCRIPTION	YEAR
1	26'		6" PE8100, WR# 0008339307, MOP: 60 PSIG	2002

CONSTRUCTION NOTES	
1	PRE-FAB NEW MAIN AS SHOWN IN DROP DETAIL. TEST IN ACCORDANCE WITH OPERATIONS MANUAL, PIPE & COMPONENT TESTING SECTION
2	INSTALL TEMPORARY BYPASS, ISOLATE DROP SECTION PER SQUEEZE METHOD
3	INSTALL NEW DROP SECTION WITH ELECTROFUSION COUPLINGS
4	PURGE & ACTIVATE NEW DROP SECTION. REPAIR SQUEEZE POINTS, REMOVE TEMPORARY BYPASS, & COMPLETE CLOSE SVC TAP TEES.
5	INSTALL 3-IN THICK CONCRETE PROTECTIVE SHIELDING OVER 6" STEEL HP MAIN PER DETAIL

NOTE: TYPICAL 2" PE8400 BYPASS REQUIRED. CONTACT ENGINEERING FOR APPROVAL TO CHANGE BYPASS SIZE



7A DROP DETAIL
7 N.T.S.



CONTACT ARIZONA 811 AT LEAST TWO FULL WORKING DAYS BEFORE YOU BEGIN EXCAVATION



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REVISIONS				
NO.	DESCRIPTION	BY	DATE	APPVD.
1	PERMIT INFORMATION	ISOLATION AREA	LOCATION	ATLAS OR TILE
2	QUEEN CREEK GILBERT MARICOPA CO. DUST	ISO-245B	NW 1/4 SEC 30 SW 1/4 SEC 30 T.2S., R.7E.	S21-73 S22-73

60 GIL SYS	
SYSTEM MAOP:	60
SYSTEM MOP:	60
SYSTEM MAOP:	
SYSTEM MOP:	

JOB TYPE	
HP SERVICE	<input type="checkbox"/>
DISTRIBUTION	<input checked="" type="checkbox"/>
FEEDER	<input type="checkbox"/>
TRANS. BY DEF	<input type="checkbox"/>
TRANS > 20%	<input type="checkbox"/>

WR NO.	
4611318	
RELATED WR NO.S	

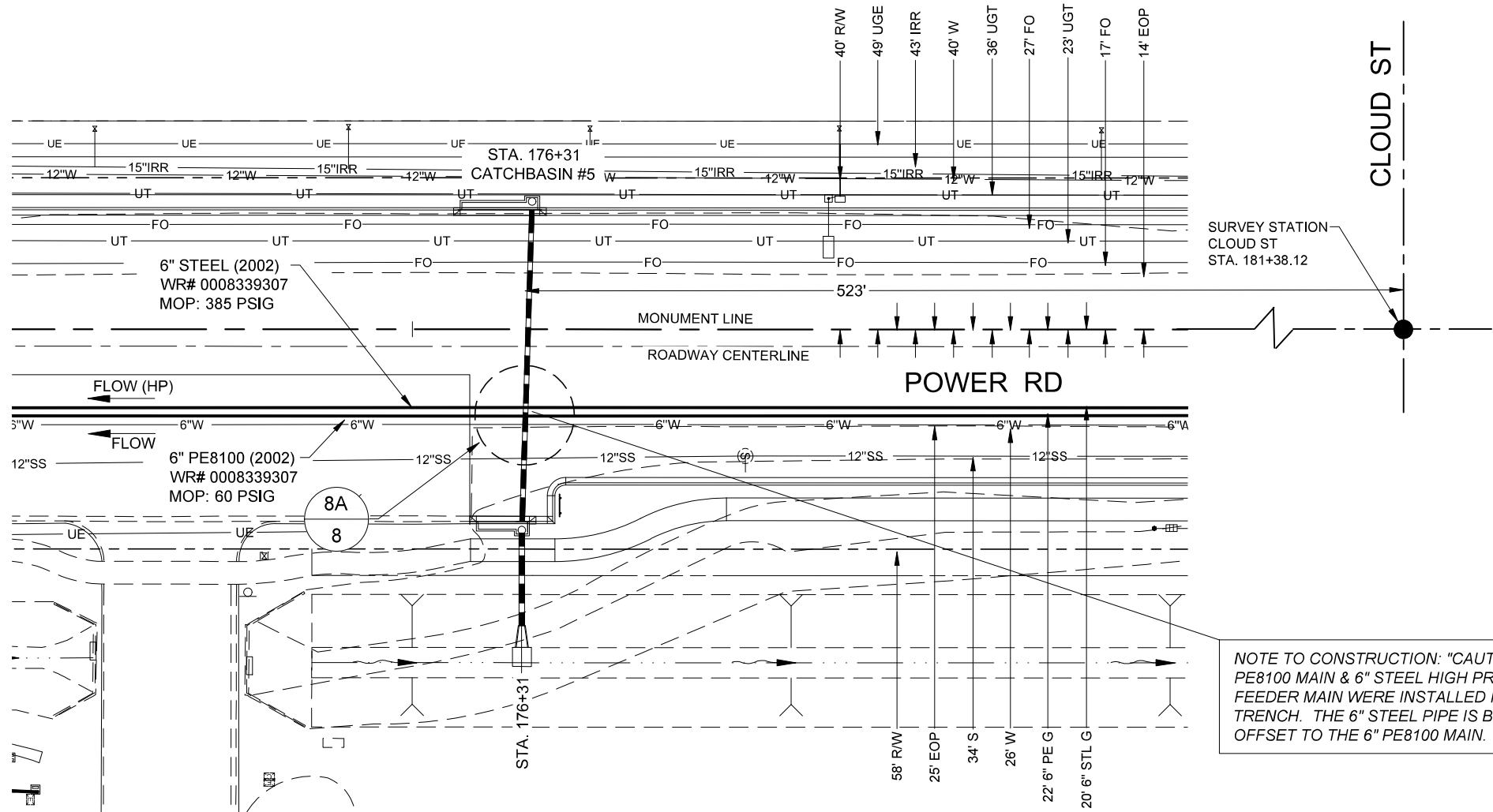
ENGINEER/TECHNICIAN	GENE FLOREZ	PHONE: 480-730-3841
ACCOUNT REP.		PHONE:
PROJECT CONTACT	ZACH STEVENSON	PHONE: 480-730-3855
SHEET NO.	7 OF 10	SCALE 1" = 20'
DATE	12/12/2023	
DWN. BY	SWG ERF	CHKD. BY 12/12/2023
APPVD. BY		
FRE QNCK A1405 POWER RD IMPROVEMENTS RIGGS RD. TO CHANDLER HEIGHTS RD. QUEEN CREEK, AZ 85142		



0 1" = 20' 20

6" PE8400 DROP SECTION 4

POWER RD: STA. 176+31



6" DISTRIBUTION MATERIALS LIST						
CODE	DESIGN QTY.	AS-BUILT QTY.	STOCK ID	DESCRIPTION	SEAM	COATING
6A	30'		100-5904	PIPE 6" IPS SDR11 PE8400		
6B	4		140-3827	ELBOW 90 EF 6 IPS PE		
6C	2		140-3438	COUPLING 6" PE ELECTROFUSION		
6D	14'		100-9010	SLEEVING 10" PVC STRAIGHT BELL END		
6E	3		160-8559	TEE TAPPING PLASTIC 6" X 1" CTS W/VENT CAP RWLY		
6F	3		850-8698	CAP 1" LYCO RWLY		
6G	2		160-8175	TEE TAPPING HIGH VOLUME 6" X 2" - BYPASS		
6H	2		850-9922	NUT ABANDONMENT 2" POLYAMIDE - BYPASS		
6I	2		720-4000	MARKER BALL GAS YELLOW 4"		
6J	2		140-3052	CAP 6" PE FUSION PRPF TEST/TARE		
6K	2		161-7564	RISER 1" PE RWLY TEST/TARE		

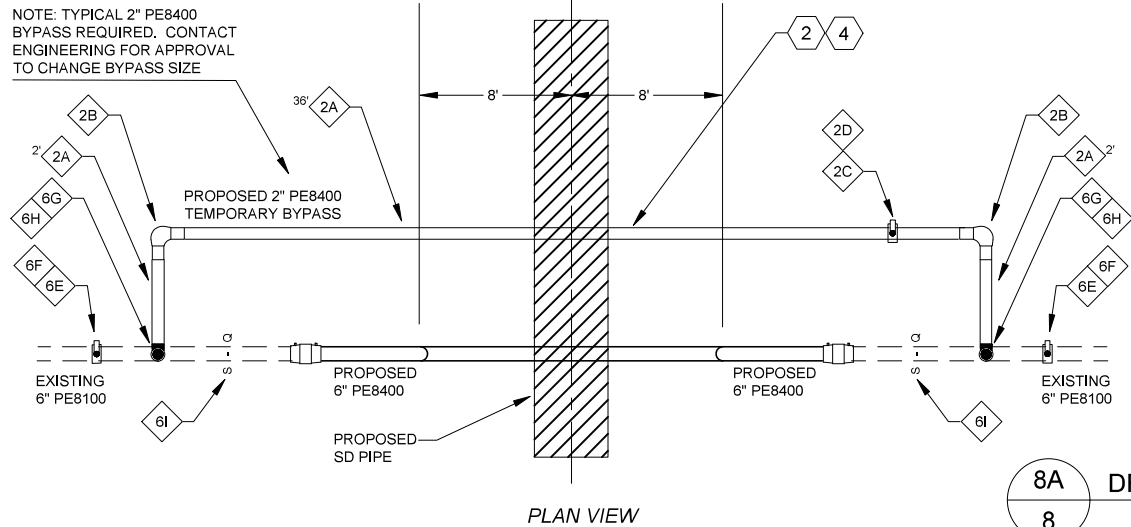
2" DISTRIBUTION MATERIALS LIST						
CODE	DESIGN QTY.	AS-BUILT QTY.	STOCK ID	DESCRIPTION	SEAM	COATING
2A	40'		100-5103	PIPE 2" PE8400 - TEMPORARY BYPASS TARE		
2B	2		140-3067	ELBOW 2" PE 90 DEGREE - TEMPORARY BYPASS TARE		
2C	1		160-8551	2" X 1" TEE TAPPING - TEMPORARY BYPASS TARE		
2D	1		161-7564	RISER 1" PE RWLY - TEST / TARE		
2E	40'		101-8575	TUBING 1 INCH PE 8400 AUTO COIL TEMP BYPASS TARE		

NOTE TO CONSTRUCTION: "CAUTION" THE 6" PE8100 MAIN & 6" STEEL HIGH PRESSURE FEEDER MAIN WERE INSTALLED IN JOINT TRENCH. THE 6" STEEL PIPE IS BELOW AND OFFSET TO THE 6" PE8100 MAIN.

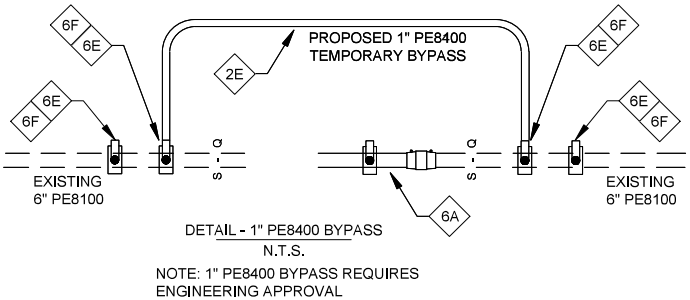
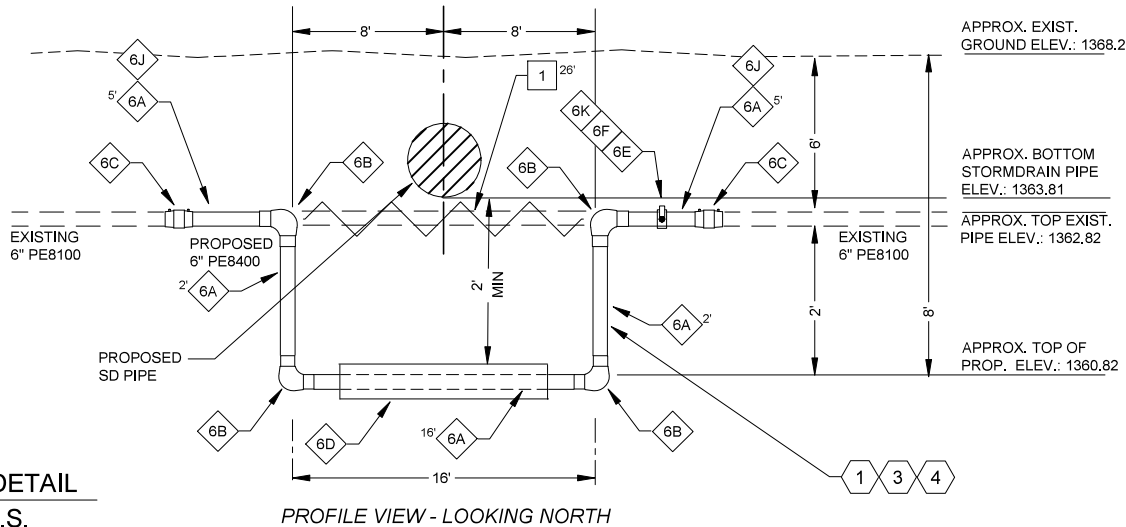
ABANDON FACILITIES				
ITEM #	DESIGN QTY.	AS-BUILT QTY.	DESCRIPTION	YEAR
1	26'		6" PE8100, WR# 0008339307, MOP: 60 PSIG	2002

CONSTRUCTION NOTES	
1	PRE-FAB NEW MAIN AS SHOWN IN DROP DETAIL. TEST IN ACCORDANCE WITH OPERATIONS MANUAL, PIPE & COMPONENT TESTING SECTION
2	INSTALL TEMPORARY BYPASS, ISOLATE DROP SECTION PER SQUEEZE METHOD
3	INSTALL NEW DROP SECTION WITH ELECTROFUSION COUPLINGS
4	PURGE & ACTIVATE NEW DROP SECTION. REPAIR SQUEEZE POINTS, REMOVE TEMPORARY BYPASS, & COMPLETE CLOSE SVC TAP TEES.

NOTE: TYPICAL 2" PE8400 BYPASS REQUIRED. CONTACT ENGINEERING FOR APPROVAL TO CHANGE BYPASS SIZE



8A DROP DETAIL
8 N.T.S.



CONTACT ARIZONA 811 AT LEAST TWO FULL WORKING DAYS BEFORE YOU BEGIN EXCAVATION



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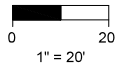
REVISIONS			
NO.	DESCRIPTION	BY	DATE
1	PERMIT INFORMATION	ISOLATION AREA	LOCATION
2	QUEEN CREEK GILBERT MARICOPA CO. DUST	ISO-245B	NW 1/4 SEC 30 SW 1/4 SEC 30 T.2S., R.7E.
3	ATLAS OR TILE	S21-73 S22-73	

60 GIL SYS	
SYSTEM MAOP:	60
SYSTEM MOP:	60
SYSTEM MAOP:	
SYSTEM MOP:	

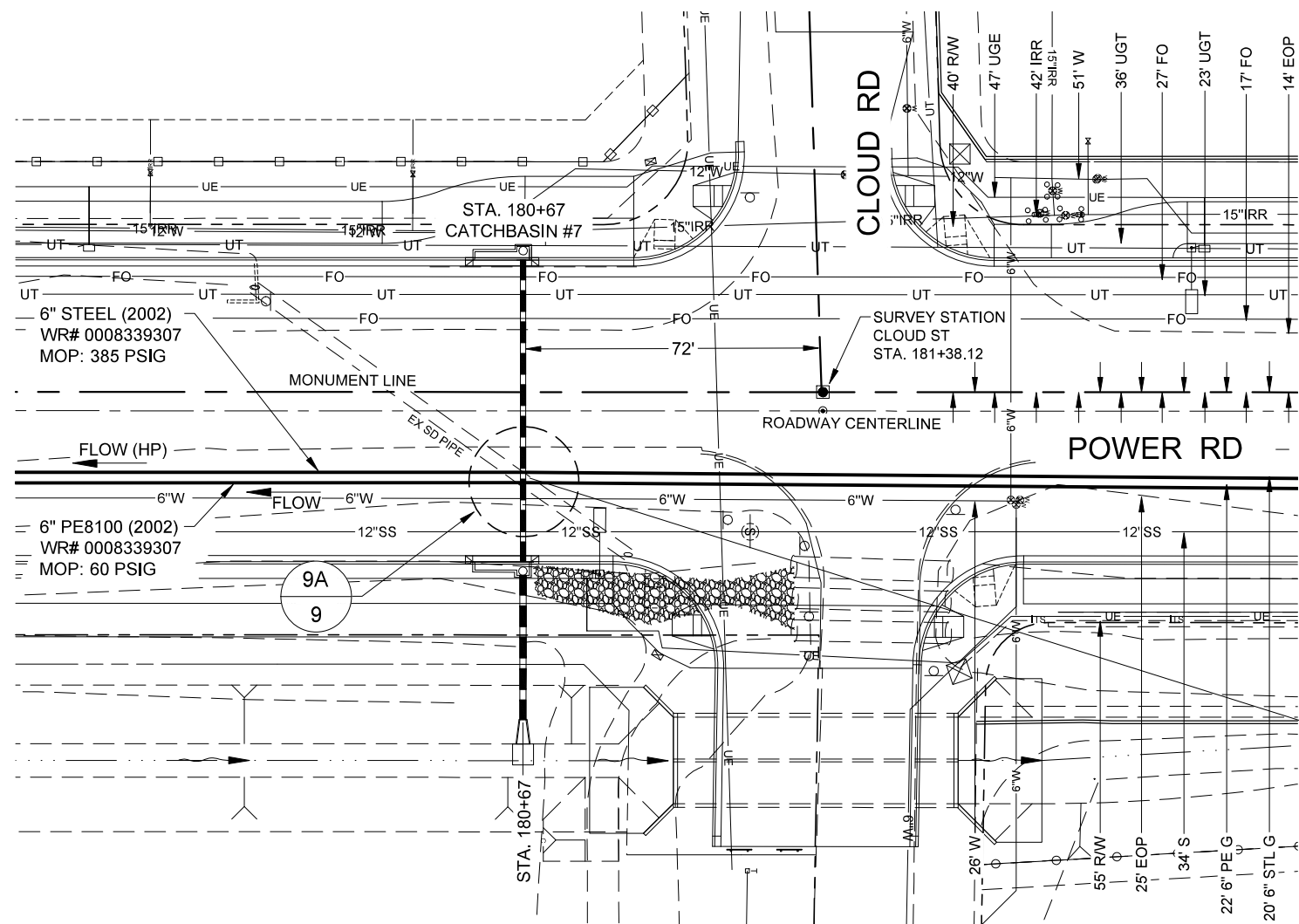
JOB TYPE	
HP SERVICE	<input type="checkbox"/>
DISTRIBUTION	<input checked="" type="checkbox"/>
FEEDER	<input type="checkbox"/>
TRANS. BY DEF	<input type="checkbox"/>
TRANS > 20%	<input type="checkbox"/>

WR NO.	
4611318	
RELATED WR NO.S	

ENGINEER/TECHNICIAN	GENE FLOREZ	PHONE: 480-730-3841
ACCOUNT REP.		PHONE:
PROJECT CONTACT	ZACH STEVENSON	PHONE: 480-730-3855
SHEET NO.	8 OF 10	SCALE 1" = 20'
DWN. BY	SWG ERF	CHKD. BY 12/12/2023
APPVD. BY		
FRE QNCK A1405 POWER RD IMPROVEMENTS RIGGS RD. TO CHANDLER HEIGHTS RD. QUEEN CREEK, AZ 85142		



POWER RD: STA. 180+67



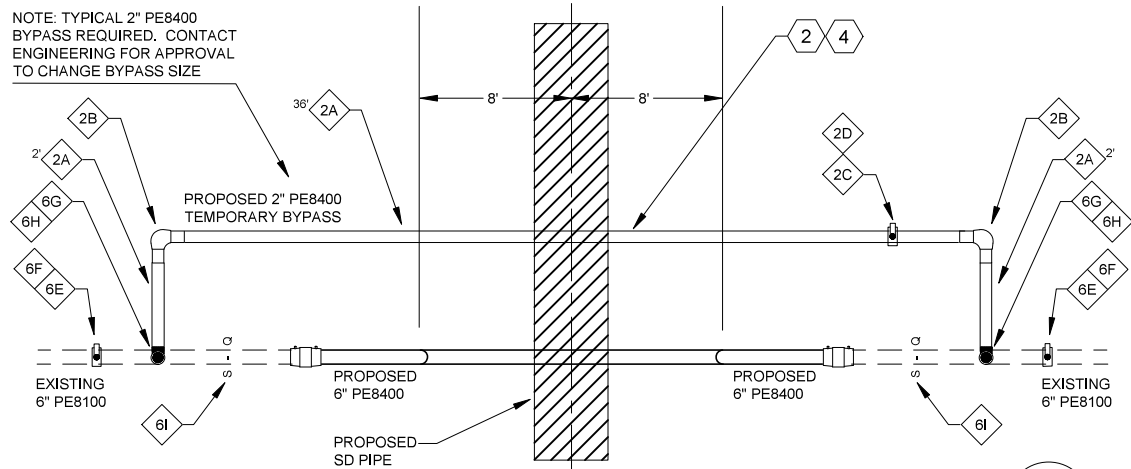
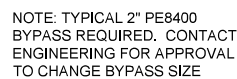
NOTE TO CONSTRUCTION: "CAUTION" THE 6" PE8100 MAIN & 6" STEEL HIGH PRESSURE FEEDER MAIN WERE INSTALLED IN JOINT TRENCH. THE 6" STEEL PIPE IS BELOW AND OFFSET TO THE 6" PE8100 MAIN.

6" DISTRIBUTION MATERIALS LIST						
CODE	DESIGN QTY.	AS-BUILT QTY.	STOCK ID	DESCRIPTION	SEAM	COATING
6A	30'		100-5904	PIPE 6" IPS SDR11 PE8400		
6B	4		140-3827	ELBOW 90 EF 6 IPS PE		
6C	2		140-3438	COUPLING 6" PE ELECTROFUSION		
6D	14'		100-9010	SLEEVING 10" PVC STRAIGHT BELL END		
6E	3		160-8559	TEE TAPPING PLASTIC 6" X 1" CTS W/VENT CAP RWLY		
6F	3		850-8698	CAP 1" LYCO RWLY		
6G	2		160-8175	TEE TAPPING HIGH VOLUME 6" X 2" - BYPASS		
6H	2		850-9922	NUT ABANDONMENT 2" POLYAMIDE - BYPASS		
6I	2		720-4000	MARKER BALL GAS YELLOW 4"		
6J	2		140-3052	CAP 6" PE FUSION PRFP TEST/TARE		
6K	2		161-7564	RISER 1" PE RWLY TEST/TARE		

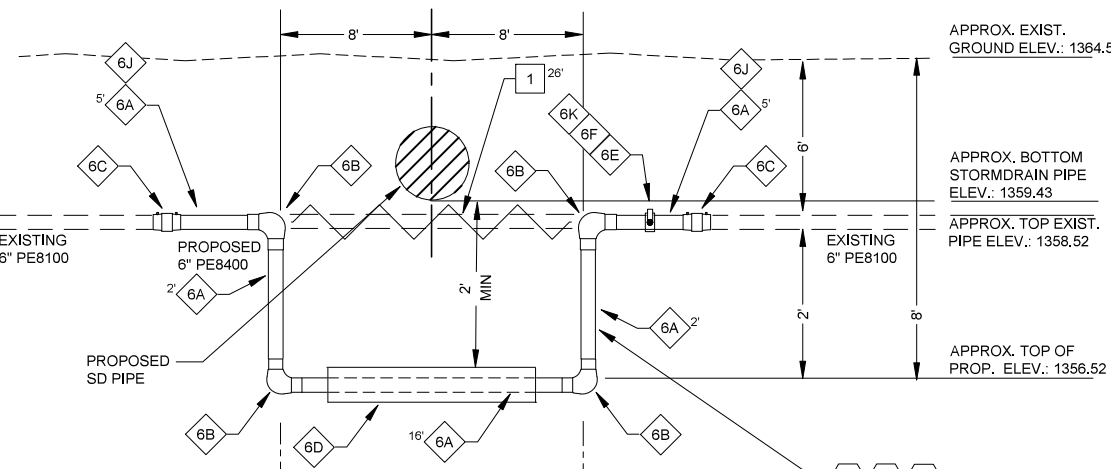
2" DISTRIBUTION MATERIALS LIST						
CODE	DESIGN QTY.	AS-BUILT QTY.	STOCK ID	DESCRIPTION	SEAM	COATING
2A	40'		100-5103	PIPE 2" PE8400 - TEMPORARY BYPASS TARE		
2B	2		140-3067	ELBOW 2" PE 90 DEGREE - TEMPORARY BYPASS TARE		
2C	1		160-8551	2" X 1" TEE TAPPING - TEMPORARY BYPASS TARE		
2D	1		161-7564	RISER 1" PE RWLY - TEST / TARE		
2E	40'		101-8575	TUBING 1 INCH PE 8400 AUTOCOIL TEMP BYPASS TARE		

ABANDON FACILITIES				
ITEM #	DESIGN QTY.	AS-BUILT QTY.	DESCRIPTION	YEAR
1	26'		6" PE8100, WR# 0008339307, MOP: 60 PSIG	2002

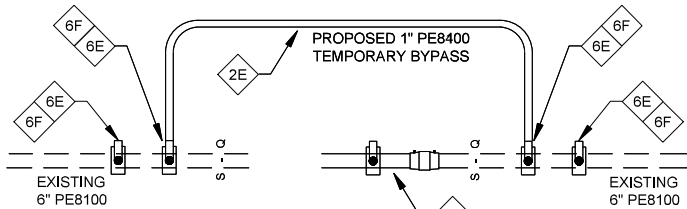
CONSTRUCTION NOTES	
1	PRE-FAB NEW MAIN AS SHOWN IN DROP DETAIL. TEST IN ACCORDANCE WITH OPERATIONS MANUAL, PIPE & COMPONENT TESTING SECTION
2	INSTALL TEMPORARY BYPASS, ISOLATE DROP SECTION PER SQUEEZE METHOD
3	INSTALL NEW DROP SECTION WITH ELECTROFUSION COUPLINGS
4	PURGE & ACTIVATE NEW DROP SECTION. REPAIR SQUEEZE POINTS, REMOVE TEMPORARY BYPASS, & COMPLETE CLOSE SVC TAP TEES.



PLAN VIEW



PROFILE VIEW - LOOKING NORTH



DETAIL - 1" PE8400 BYPASS
N.T.S.

NOTE: 1" PE8400 BYPASS REQUIRES
ENGINEERING APPROVAL

CONTACT ARIZONA 811 AT LEAST
TWO FULL WORKING DAYS
BEFORE YOU BEGIN EXCAVATION



CALL 811 OR CLICK ARIZONA811.COM



SOUTHWEST GAS CORPORATION

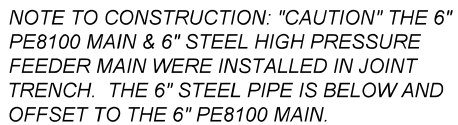
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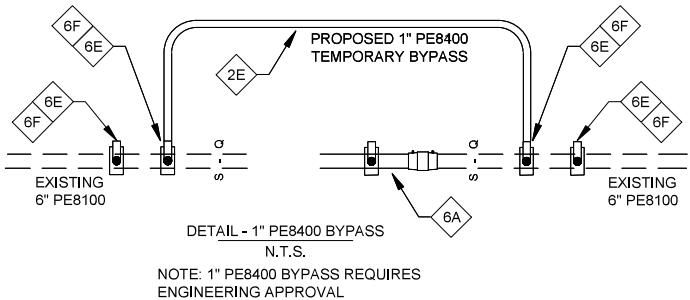
REVISIONS						60 GIL SYS		JOB TYPE		WR NO.		ENGINEER/TECHNICIAN GENE FLOREZ		PHONE: 480-730-3841		
						SYSTEM MAOP: 60		HP SERVICE <input type="checkbox"/>		4611318		ACCOUNT REP.		PHONE:		
						SYSTEM MOP: 60		DISTRIBUTION <input checked="" type="checkbox"/>				PROJECT CONTACT ZACH STEVENSON		PHONE: 480-730-3855		
NO.		DESCRIPTION				BY	DATE	APPVD.	SHEET NO. 9 OF 10			SCALE 1" = 20'		DATE 12/12/2023		
											DWN. BY SWG ERF		CHKD. BY ERF 12/12/2023		APPVD. BY	
PERMIT INFORMATION		ISOLATION AREA		LOCATION		ATLAS OR TILE				RELATED WR NO.S		FRE QNCK A1405 POWER RD IMPROVEMENTS RIGGS RD. TO CHANDLER HEIGHTS RD. QUEEN CREEK, AZ 85142				
QUEEN CREEK GILBERT MARICOPA CO. DUST		ISO-245B		NW 1/4 SEC 30 SW 1/4 SEC 30 T.2S., R.7E.		S21-73 S22-73		SYSTEM MAOP:		TRANS. BY DEF <input type="checkbox"/>						
								SYSTEM MOP:		TRANS > 20% <input type="checkbox"/>						

POWER RD: STA. 186+15



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								SYSTEM MOP:		TRANS. BY DEF <input type="checkbox"/>					
										TRANS > 20% <input type="checkbox"/>					