FOR ZUNI PUEBLO, NM MAY 2015

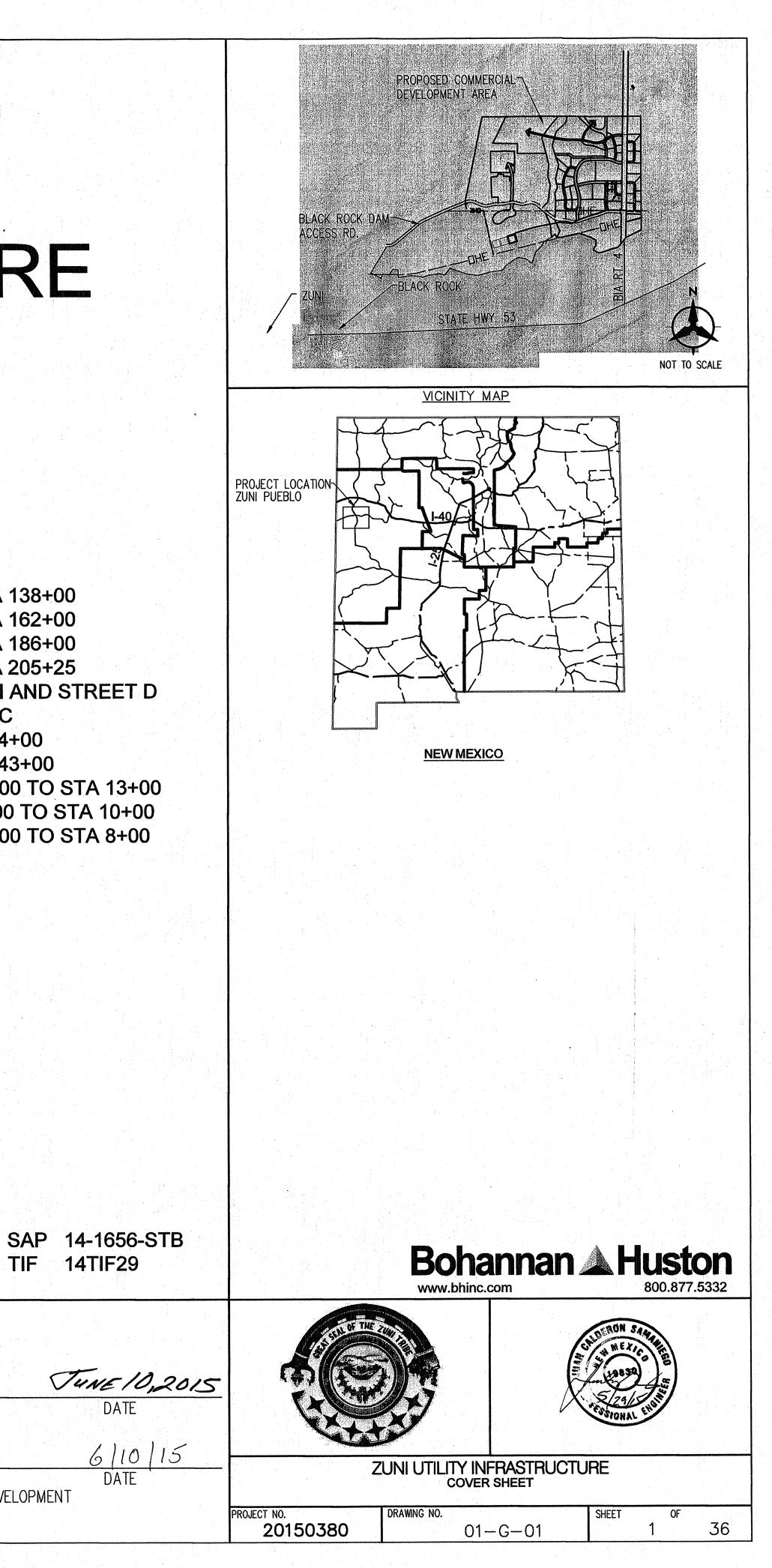
CONSTRUCTION PLANS COMMERCIAL DEVELOPMENT AREA WATER & WASTEWATER INFRASTRUCTURE

SHEET NUMBER	DWG NUMBER	DESCRIPTION	SHEET NUMBER	DWG NUMBER	DESCRIPTION
1	01-G-01	COVER SHEET	22	10-W-06	WATER PLAN AND PROFILE - STA 114+00 TO STA 138-
2	01-G-02	GENERAL NOTES AND LEGEND	23	10-W-07	WATER PLAN AND PROFILE - STA 138+00 TO STA 162-
3	01-G-03	OVERALL WATER KEY MAP AND SURVEY CONTROL	24	10-W-08	WATER PLAN AND PROFILE - STA 162+00 TO STA 186-
* 4	01-G-04	OVERALL WASTEWATER KEY MAP AND WATER	25	10-W-09	WATER PLAN AND PROFILE - STA 186+00 TO STA 205-
		PHASE I KEY MAP	* 26	10-W-10	WATER PLAN AND PROFILE STREET I - STREET I AND
5	01-G-05	WATER SYSTEM HYDRAULIC PROFILE	* 27	10-W-11	WATER PLAN AND PROFILE STREET I - STREET C
* 6	01-W-01	BOOSTER STATION SITE PLAN	* 28	10-S-01	SEWER PLAN AND PROFILE - STA 1+00 TO STA 24+00
* 7	01-W-02	BOOSTER STATION DETAILS	* 29	10-S-02	SEWER PLAN AND PROFILE - STA 24+00 TO STA 43+0
* 8	01-W-03	BOOSTER STATION SKID AND FOUNDATION PLAN	* 30	10-S-03	SEWER (STREET C) PLAN AND PROFILE - STA 1+00 TO
9	01-W-04	EXISTING TANK SITE PLAN	* 31	10-S-04	SEWER LATERAL 2 PLAN AND PROFILE - STA 1+00 TO
* 10	01-W-05	TANK ACCESS ROAD PLAN AND PROFILE	* 32	10-S-05	SEWER (STREET D) PLAN AND PROFILE - STA 1+00 TO
* 11	01-W-06	TANK SITE PLAN	* 33	01-S-01	WASTEWATER LAGOON SITE PLAN
* 12	01-W-07	TANK DETAILS	* 34	01-S-02	WASTEWATER LAGOON SECTIONSAND DETAILS
13	01-ST-01	EXISTING PEDESTRIAN BRIDGE PLAN AND PROFILE	* 35	01-S-03	WASTEWATER LAGOON DETAILS
14	01-ST-02	PEDESTRIAN BRIDGE SECTIONS AND DETAIL	* 36	01-S-04	WASTEWATER PIPE BRIDGE DETAIL
15	01-C-01	CIVIL DETAILS			
16	01-C-02	UTILITY CORRIDOR AND ELECTRICAL DETAIL			N CONTRACT (N.I.C.)
17	10-W-01	WATER PLAN AND PROFILE - STA 1+00 TO STA 19+00			
18	10-W-02	WATER PLAN AND PROFILE - STA 19+00 TO STA 43+00			
19	10-W-03	WATER PLAN AND PROFILE - STA 43+00 TO STA 67+00			
20	10-W-04	WATER PLAN AND PROFILE - STA 67+00 TO STA 90+00			
21	10-W-05	WATER PLAN AND PROFILE - STA 90+00 TO STA 114+0)0		

INDEX

FUNDING SOURCES APPROVED: HONORABLE VAL R. PANCEAH, SR. GOVERNOR OF ZUNI but ANDREW OTHOLE DIRECTOR, OFFICE OF PLANNING AND DEVELOPMENT

NOTICE OF EXTENDED PAYMENT PROVISION. THIS CONTRACT ALLOWS THE OWNER TO MAKE **PAYMENT WITHIN 45 DAYS AFTER SUBMISSION** OF AN UNDISPUTED REQUEST FOR PAYMENT.



GENERAL NOTES

1.	ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.	16.	RIGH PREI
2.	PRIOR TO CONSTRUCTION ACTIVITIES, VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES AND OBSTRUCTIONS WITH POTENTIAL TO CHANGE PIPE ALIGNMENT. ALL EXISTING UTILITY ELEVATION DATA REPRESENTED ON THE PROFILE ARE APPROXIMATE.	17.	FOR SUP EXC
3.	ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. COORDINATE ALL NECESSARY UTILITY ADJUSTMENTS. COSTS SHALL BE INCIDENTAL TO THE PROJECT.	18.	UTIL MAT UTIL IS L
4.	DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE OWNER.	19.	USE THE ANY
5.	PROTECT THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL IMMEDIATELY BE REPAIRED OR REPLACED BY CONTRACTOR AT CONTRACTOR'S EXPENSE	20.	TEMI STOI MEA
6.	CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE RIGHT-OF-WAY, PROPERTY LIMITS AND/OR CONSTRUCTION WORK ZONE AS SHOWN ON DRAWINGS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS SHALL BE REPAIRED OR REPLACED BY CONTRACTOR AT CONTRACTOR'S EXPENSE.		PRO EXE(BEA
7.	EXCEPT AS SET FORTH IN THE SPECIFICATIONS, OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, SURFACE DISTURBANCE)		ALL FOR OSH
8.	CONTRACTOR SHALL REPLACE ANY AND ALL SURVEY MONUMENTS DESTROYED DURING CONSTRUCTION. ALL MONUMENTS MUST BE RESET BY A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR.		BE I SATI OF I ADH
9.	ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION.	24.	CON CON BE
10.	MAINTAIN ALL CONSTRUCTION TRAFFIC CONTROL DEVICES AND SIGNING AT ALL TIMES. VERIFY THE PROPER LOCATION OF ALL TRAFFIC CONTROL AT THE END AND BEGINNING OF EACH DAY.	25.	CON DEN
11.	ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH A TACK COAT PRIOR TO PAVEMENT PLACEMENT.	26.	EXIS MINII
12.	USE PARALLEL OR ORTHOGONAL PAVEMENT CUTS ONLY, NO DIAGONAL CUTS IN EXISTING PAVEMENT.	27.	FULL TEES
13.	TRAFFIC CONTROL PLANS PREPARED BY CONTRACTOR SHALL BE SUBMITTED TO BIA FOR REVIEW AND APPROVAL.	28.	AT E
14.	ALL SHRUBBERY OR TREES REQUIRED TO BE REMOVED FOR THIS PROJECT SHALL BE BUCKED OR MULCHED AND DELIVERED TO ZUNI ENVIRONMENTAL PROTECTION PROGRAM YARD WASTE DISPOSAL SITE.	29.	VER
15.	CONSTRUCTION TRAFFIC SHALL BE LIMITED TO BLACK ROCK DAM ACCESS ROAD (Z-25).		(ZCF MON EAR DON
		30.	STAN APW
		31.	Mon Veri Res

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HT-OF-WAY SHOWN ON THESE PLANS ARE FROM THE PLAT FOR ZUNI COMMERCIAL PARK, EPARED BY MILFORD T. KEENE DATED JUNE 29, 2001, NAPSI NO. 248NM0401 B. THE PLAT BIA RD. Z-25 IS AVAILABLE FROM THE OWNER.

PPORT EXPOSED EXISTING UTILITIES SUSPENDED ACROSS OR PARALLEL WITH TRENCH CAVATION.

LIZE CONTROLLED LOW STRENGTH FILL PER NMAPWA SECTION 207 WHEREVER BACKFILL TERIAL CAN NOT BE PLACED AND COMPACTED BETWEEN THE NEW PIPELINE AND EXISTING LITIES OR IF THE VERTICAL SEPARATION BETWEEN THE NEW PIPE LINE AND EXISTING UTILITY LESS THAN 12 INCHES.

CAUTION AT ALL EXISTING STRUCTURES INCLUDING ALL MASONRY WALLS, BUILDING, ETC. CONTRACTOR WILL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY DAMAGE TO STRUCTURES CAUSED BY THE CONTRACTOR'S OPERATIONS.

IPORARY DRAINAGE MEASURES SHALL BE PROVIDED AS NECESSARY TO SAFELY CONVEY ORM WATER RUNOFF TO EXISTING OUTFALLS INCLUDING SILT FENCES AND SEDIMENT CONTROL ASURES. REPAIR ANY DAMAGE RESULTING FROM STORM WATER FLOWS TO PRIVATE OPERTY OR IMPROVEMENTS CONSTRUCTED BY THE CONTRACTOR. PREPARATION AND CUTION OF THE SWPPP IS THE RESPONSIBILITY OF THE CONTRACTOR.

ARINGS ARE GRID AND DISTANCES ARE GROUND.

BURIED DUCTILE IRON SHALL BE ENCASED IN POLYETHYLENE SHEETING.

PIPELINE TRENCH EXCAVATION, UTILIZE METHODS AND PROCEDURES OUTLINED IN THE HA REGULATIONS STANDARD NO. 1926 . TRENCH SUPPORT AND TEMPORARY SHORING MAY REQUIRED FOR PIPELINE CONSTRUCTION IN CERTAIN AREAS ALONG THE ALIGNMENT TO TISFY CONSTRAINTS IDENTIFIED IN THE DRAWINGS FOR LIMITS OF DISTURBANCE, PROTECTION EXISTING UTILITIES, TRAFFIC CONTROL, ETC. AND SHALL BE DESIGNED BY CONTRACTOR TO HERE TO OSHA STANDARDS.

NTRACTOR TO MAINTAIN RED-LINED RECORD DRAWINGS PER THE REQUIREMENTS OF THE NTRACT DOCUMENTS. HORIZONTAL AND VERTICAL LOCATIONS OF FACILITIES INSTALLED SHALL PROVIDED BY A LICENSED SURVEYOR.

NTRACTOR SHALL CONTRACT WITH CERTIFIED TESTING LABORATORY TO PERFORM FIELD ISITY TESTS OR SOIL SAMPLING DURING CONSTRUCTION.

STING VALVES SHALL ONLY BE OPERATED BY THE OWNER. CONTRACTOR SHALL PROVIDE A IMUM 7 DAY NOTICE TO THE OWNER WHEN A SHUT-OFF IS REQUIRED.

L LENGTH OF PIPE (18–20 FEET) SHALL BE INSTALLED ON EACH BRANCH SIDE OF ALL S AND BENDS.

EACH INSTALLED CAP, WHERE THE WATER DISTRIBUTION LINE IS INTENDED TO BE EXTENDED A LATER DATE, A 4"X4"X4' PRESSURE TREATED TIMBER, SHALL BE INSTALLED IN A RTICAL ORIENTATION WITH THE TOP OF THE TIMBER SET AT FINISH GRADE.

NTRACTOR SHALL COMPLY WITH REQUIREMENTS OF ZUNI CULTURAL RESOURCES ENTERPRISE CRE) REGARDING TREATMENT OF ARCHAEOLOGICAL SITES. A REPRESENTATIVE OF ZCRE WILL NITOR INITIAL GROUND DISTURBING INCLUDING CLEARING AND GRUBBING AND INITIAL RTHWORK OR TRENCHING AT OR NEAR KNOWN ARCHAEOLOGICAL SITES. CONTACT KURT NGOSKE OF ZCRE AT (505) 782-4814.

NDARD SPECIFICATIONS AND STANDARD DETAILS REFERENCED IN THIS PROJECT ARE PER NM NA, LATEST EDITION.

NITORING WELLS EXIST THROUGHOUT THE BLACK ROCK DAM AREA. LOCATIONS SHALL BE RIFIED WITH BIA AND SHALL NOT BE DISTURBED. CONTRACTOR SHALL BE RESPONSIBLE FOR STORING MONITORING WELLS TO PRE-CONSTRUCTION CONDITION.

LEGEND/ABBREVIATIONS

-0---CAV DI PVC OHE WL FOC

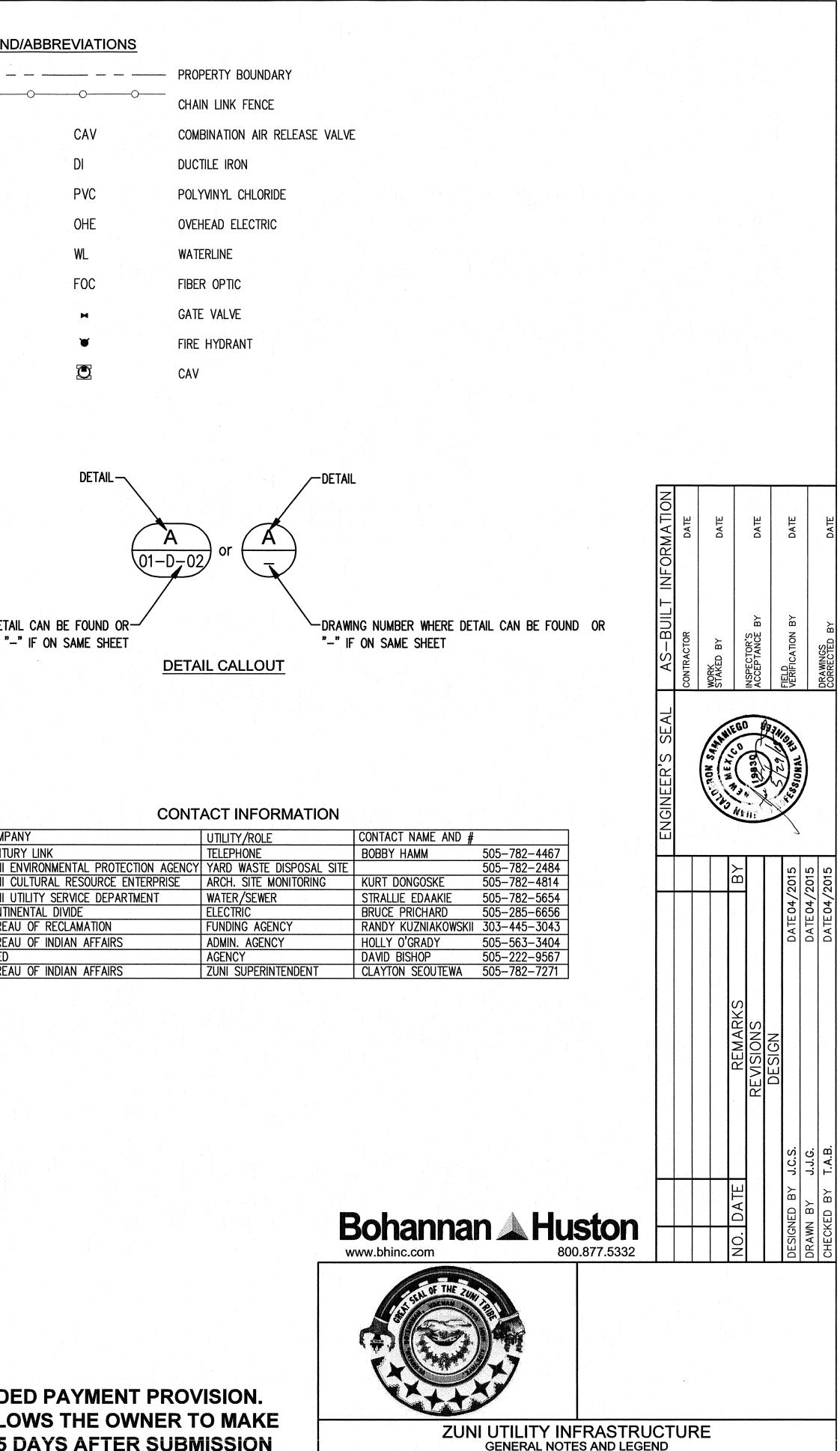
DETAIL

 \mathbf{O}

DRAWING NUMBER WHERE DETAIL CAN BE FOUND OR-"-" IF ON SAME SHEET

COMPANY
CENTURY LINK
ZUNI ENVIRONMENTAL PROTECTION
ZUNI CULTURAL RESOURCE ENTI
ZUNI UTILITY SERVICE DEPARTM
CONTINENTAL DIVIDE
BUREAU OF RECLAMATION
BUREAU OF INDIAN AFFAIRS
NMED
BUREAU OF INDIAN AFFAIRS

NOTICE OF EXTENDED PAYMENT PROVISION. THIS CONTRACT ALLOWS THE OWNER TO MAKE **PAYMENT WITHIN 45 DAYS AFTER SUBMISSION** OF AN UNDISPUTED REQUEST FOR PAYMENT.



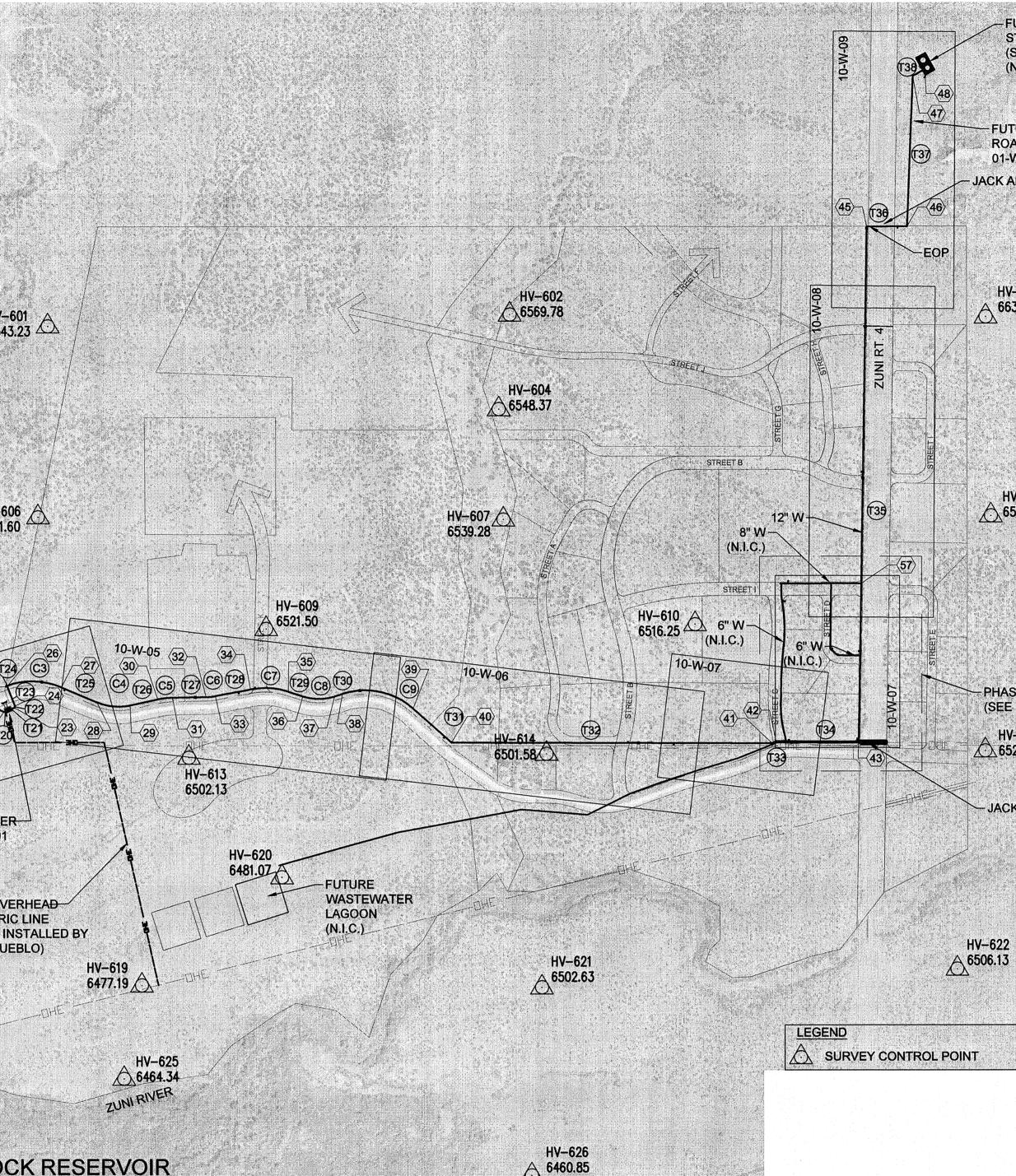
PROJECT NO. DRAWING NO. 20150380 01-G-02

OF 36

SHEET

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$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		НУ-60 6543.2	n 23 A					HV- 656s	602 9.78	
T21 N67*52'10"E 49.83' T22 N22*52'10"E 14.06' T23 N22*07'50"W 155.72'								HV-60	14 57	
T24 N22°52'10"E 14.14'										
O Curve Table ID ARC RADIUS DELTA TANGENT CHORD BEARIN© CHORD LENGTH C1 473.06' 608.06' 44°34'32" 249.23' N70°53'00"E 461.22' C2 242.32' 930.00' 14°55'44" 121.85' N57°45'25"E 241.63' C3 414.00' 578.87' 40°58'38" 216.30' S87°31'12"E 405.23' C4 257.68' 420.00' 35°09'07" 133.04' S84°37'47"E 253.65' C5 112.97' 580.00' 11°09'34" 56.66' N83°22'27"E 112.79' C6 71.22' 420.00' 09°42'58" 35.70' N84°05'45"E 71.14'		HV-606 6521.60						HV-607		STREET B 8" M (N.1.C.)
C7 289.48' 580.00' 28°35'47" 147.82' S86°27'52"E 286.48' C8 244.05' 391.42' 35°43'26" 126.14' N89°54'26"E 240.12' C9 572.73' 548.71' 59°48'15" 315.55' S78°11'49"E 547.08'	HV-605				A	HV-609 6521.50	nue.		HY	-610 6" W
C10 320.25' 905.00' 20°16'29" 161.81' N05°51'07"W 318.58' C11 366.62' 2905.00' 07°13'51" 183.55' N02°46'11"E 366.37'		124	C3 26	10-W-05	32 34		1/20-			(0.25 (N.I.C.) 10-W-07
C12140.61'1295.00'06"13'16"70.37'N03"16'28"E140.54'C13200.70'1295.00'08"52'47"100.55'N04"16'34"W200.50'		25 19 1	23 24	27 30	- Internet and a second second second	35 (29 (3) (3)	39	10-W-06	REET B	
	10-W-04 HV-61 6504.6	(1) (22) (22)	12 23	3 28 29		6 37 38	X	(T3) - 40 HV-614 6501.58		41 42
$\frac{HV-611}{6450.16}$ $12"W$ $HV-616$ 6470.01 (1)	19 18 C2 19 19 (1) 18 C2 10 10 10 10 10 10 10 10 10 10	FUTURE BOOSTER STATION 01-W-01 (N.I.C.) NEW OVER ELECTRIC (TO BE INS ZUNI PUEE (N.I.C.)	RHEA D LINE STALLED	BY HV-619 6477.19	HV-613 6502.13 HV-620 6481.07	FUTURE WASTEWA LAGOON (N.I.C.)	TER	A A A A A A A A A A A A A A A A A A A	HV-621 6502.63	
	NUE			HV-62 6464. ZUNI RIVEF	25 34					
			the second	ZUNI RIVER	3					
						/t			HV-626 6460.85	
	HV-624 6440.17	BLACK ROC	N KE	SERVUIR					0400.80	
A HV-623 6444.52 (1)	MAIN WATERLINE Point Table	· · · · · · · · · · · · · · · · · · ·	[Point Table] [Point Table	
$\sim 1 \text{ V}$	STATION NORTHING	EASTING	\bigcirc	STATION	NORTHING	EASTING	0	STATION	NORTHING	EASTING
	1 1+00.00 1489920 2 4+33.43 1490026		17 18	48+31.97 60+80.22	1493554.64 1494349.04	2439691.63 2440654.46	33 34	100+24.12 102+94.46	1495294.24 1495344.72	2444133.49 2444399.07
$\begin{array}{c} (1) \\$	3 5+77.55 1490161. 4 6+22.25 1490179.		19 20	63+22.54 73+26.91	1494477.95 1494904.44	2440858.84 2441768.17	35 36	105+83.94 106+99.05	1495327.05 1495291.80	2444685.01 2444794.59
$\begin{array}{c} 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 $	5 6+44.80 1490172.	2438090.11	21	80+99.98	1495195.67	2442484.27	37	109+43.10	1495292.19	2445034.71
	6 9+21.27 1490286 7 9+31.39 1490296		22 23	81+49.40 82+24.23	1495176.46 1495208.61	2442529.81 2442608.86	38 39	110+06.31 115+79.04	1495311.74 1495199.84	2445094.82 2445630.33
EXISTING BLACK ROCK	8 10+00.99 1490342 9 11+91.63 1490528		24 25	82+38.30 84+00.99	1495221.57 1495380.09	2442614.32 2442555.39	40 41	119+68.66 143+96.92	1494941.00 1494934.12	2445921.55 2448349.79
ELEVATED STORAGE TANK Q1-W-03	10 12+10.02 1490546.	75 2438432.77	26	NOT USED	NOT USED	NOT USED	42	144+29.65	1494949.14	2448378.88
	1117+90.451491086.1221+56.891491417.		27 28	88+22.16 91+13.59	1495361.31 1495247.69	2442966.01 2443234.38	43 44	150+55.38 NOT USED	1494947.24 NOT USED	2449004.75 NOT USED
	13 26+26.42 1491887. 14 30+74.19 1492327		29 30	93+71.27 95+85.57	1495223.95 1495269.26	2443486.92 2443696.38	45 46	189+67.25 192+71.66	1498865.74 1498866.66	2449073.15 2449377.55
D. \ 20150380\ WD\ Decian \ alana \ 20150380 3 INDEX dura	15 43+32.01 1493398	62 2439229.40	31	96+98.54	1495282.28	2443808.41	47	204+21.99	1500016.06	2449423.95
P:\20150380\WR\Design\plans\20150380—3—INDEX.dwg Fri, 29—May—2015 — 11:12:am, Plotted by: JGIROD	16 43+92.56 1493402	67 2439289.48	32	99+52.90	1495286.92	2444062.73	48	205+25.26	1500067.03	2449513.75



NOTICE OF EXTENDED PAYMENT **PROVISION. THIS CONTRACT** ALLOWS THE OWNER TO MAKE **PAYMENT WITHIN 45 DAYS** AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

A TO MANY AND A SHORE AND A -FUTURE WATER STORAGE TANK (SEE DWG NO. 01-W-07) (N.I.C.)

NOTES:

1.

2.

CONTROL POINTS SHOWN ON THIS DRAWING ARE BASED ON FIELD SURVEY

DATA FURNISHED BY SURVEYING CONTROL. INC., ALBUQUERQUE, NEW MEXICO.

AERIAL PHOTOGRAPHY EXPOSED ON JUNE 14, 2007 BY NEW MEXICO AERIAL.

MAPPING CAMERA WITH A CALIBRATED FOCAL LENGTH OF 152.757 mm.

COORDINATES ARE MODIFIED (SURFACE) NEW MEXICO STATE PLANE

VALUES ARE EXPRESSED IN US SURVEY FEET.

SURVEYS, INC., ALBUQUERQUE, NEW MEXICO, UTILIZING A ZEISS TOP 15 AERIAL

COORDINATES, WEST ZONE, NAD 83(HARN), AND HAVE BEEN ADJUSTED TO THE

NGS "B" ORDER CONTROL STATION "ZUNIPORT". TO OBTAIN TRUE STATE PLANE GRID COORDINATES, MULTIPLY BY THE PROJECT AVERAGE COMBINED FACTOR CF

= 0.999729248. THE ELEVATIONS ARE REFERRED TO SEA LEVEL, NAVD 88, AND

VERIF

DATE 04/2015 DATE 04/2015 DATE 04/2015

J.J. ►

HAVE BEEN ADJUSTED TO THE NGS 2ND ORDER BENCHMARK "R-217". ALL

-FUTURE TANK ACCESS ROAD (SEE DWG NO. 01-W-05) (N.I.C.) JACK AND BORE (N.I.C.)

HV-603 6631.59

HV-608

-PHASE 1 (SEE DWG NO. 01-G-04) HV-615 6523.05

-JACK AND BORE

CONTROL POINTS EASTING NORTHING 6575.42 2442866.28 HV-601 1498108.77 2446366.16 HV-602 1498197.57 MATIO date HV-603 1498179.88 2449972.04 DATE DATE 2446282.61 1497478.27 HV-604 2441307.35 HV-605 1496085.32 2442789.42 HV-606 1496654.15 HV-607 2446315.72 1496636.61 2450008.60 HV-608 1496664.60 BΥ INSPECTOR'S ACCEPTANCE HV-609 1495805.02 2444517.63 HV-610 2447766.88 1495838.26 **WORK** STAKE 2438203.55 HV-611 1494247.65 HV-612 1494883.19 2441281.38 2443931.48 HV-613 1494827.37 \triangleleft EGO \83 1494855.58 2446639.14 HV-614 2449963.99 HV-615 1494878.41 8 2438219.68 1493148.89 | HV-616 | 2440717.20 HV-617 1493079.37 2441370.58 HV-618 1493848.84 2443574.44 1493092.21 HV-619 1493914.72 2444635.24 HV-620 1493077.07 2446602.93 HV-621 2449749.34 HV-622 1493217.16 2438273.46 HV-623 1491289.75 2441331.65 HV-624 1491521.80 HV-625 1492382.45 2443438.23 HV-626 1491645.78 2446525.17 SCALE: 1"-600 Bohannan 🛦 Huston 800.877.5332 www.bhinc.com

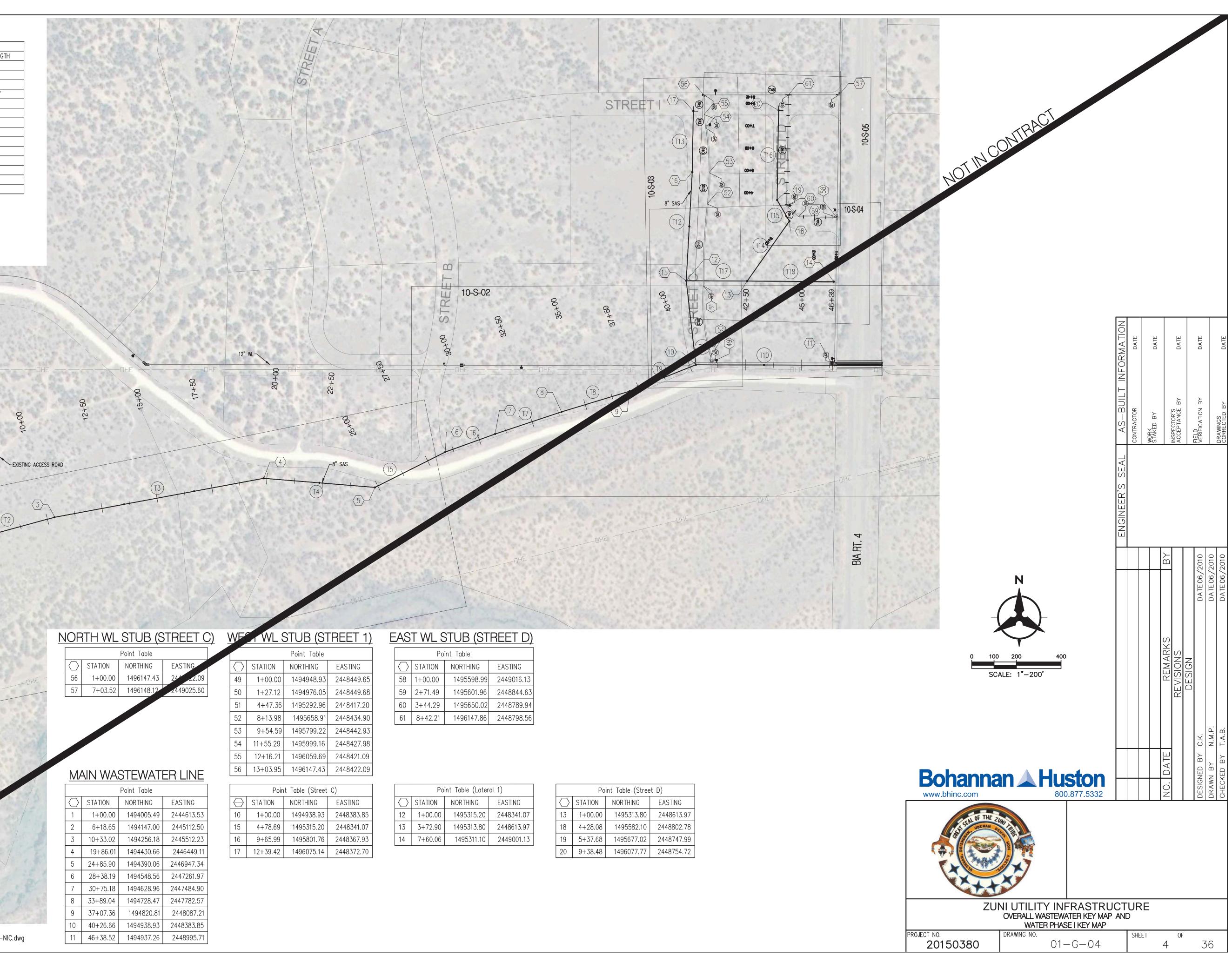
ZUNI UTILITY INFRASTRUCTURE OVERALL WATER KEY MAP AND SURVEY CONTROL PROJECT NO. DRAWING NO. SHEET OF 20150380 36 3 01-G-03

<u>WASTEWATER</u>

Tangent Table					
ID	BEARING	LENGTH			
T1	N74°09'59"E	518.65'			
T2	N74°43'23"E	414.37'			
T3	N79°27'02"E	952.99'			
T4	S85°20'29"E	499.88'			
T5	N63°15'42"E	352.29'			
T6	N70°10'04"E	236.99'			
T7	N71°30'57"E	313.86'			
T8	N73°08'13"E	318.32'			
T9	N68 ° 17'16"E	319.30'			
T10	S89°50'38"E	611.86'			
T11	N06°29'09"W	378.69'			
T12	N03°09'35"E	487.30'			
T13	N00°59'56"E	273.43'			
T14	N35°08'04"E	328.08'			
T15	N29°59'42"W	109.60'			
T16	N00°57'45"E	400.80'			
T17	S89°42'22"E	272.90'			
T18	S89°36'04"E	387.16'			

WATER

	Tangent Table					
ID	BEARING	LENGTH				
T33	N62°40'52"E	32.74'				
T34	S89°49'32"E	612.81'				
T35	N46°40'57"E	18.26'				
T36	N01°00'00"E	3906.53'				
T37	N89°49'39"E	304.41'				
T38	N02°18'41"E	1150.33'				
T39	N60°25'08"E	103.26'				
T40	N00°04'04"E	27.12'				
T41	N06°29'45"W	60.92'				
T42	N00°39'08"E	87.74'				
T43	N89°56'03"E	603.52'				
T44	N89°00'28"W	171.49'				
T45	N48°41'18"W	72.80'				
T46	N00°59'32"E	497.92'				



_										
	Point Table									
	\bigcirc	STATION	NORTHING	EASTING						
	56	1+00.00	1496147.43	24 22.09						
	57	7+03.52	1496148.12	z449025.60						

 $\langle 3 \rangle$

(T2)

	Point Table						
\bigcirc	STATION	NORTHING	EASTING				
1	1+00.00	1494005.49	2444613.53				
2	6+18.65	1494147.00	2445112.50				
3	10+33.02	1494256.18	2445512.23				
4	19+86.01	1494430.66	2446449.11				
5	24+85.90	1494390.06	2446947.34				
6	28+38.19	1494548.56	2447261.97				
7	30+75.18	1494628.96	2447484.90				
8	33+89.04	1494728.47	2447782.57				
9	37+07.36	1494820.81	2448087.21				
10	40+26.66	1494938.93	2448383.85				
11	46+38.52	1494937.26	2448995.71				

26_0380\WR\Design\plans\N.I.C. FOR PLOT WITH SET\20150380-4-INDEX-sas-NIC.dwg , 21-May-2015 - 4:34:pm, Plotted by: JGIROD

10-5-01

- WASTEWATER LAGOON

NOTINCONTRACT

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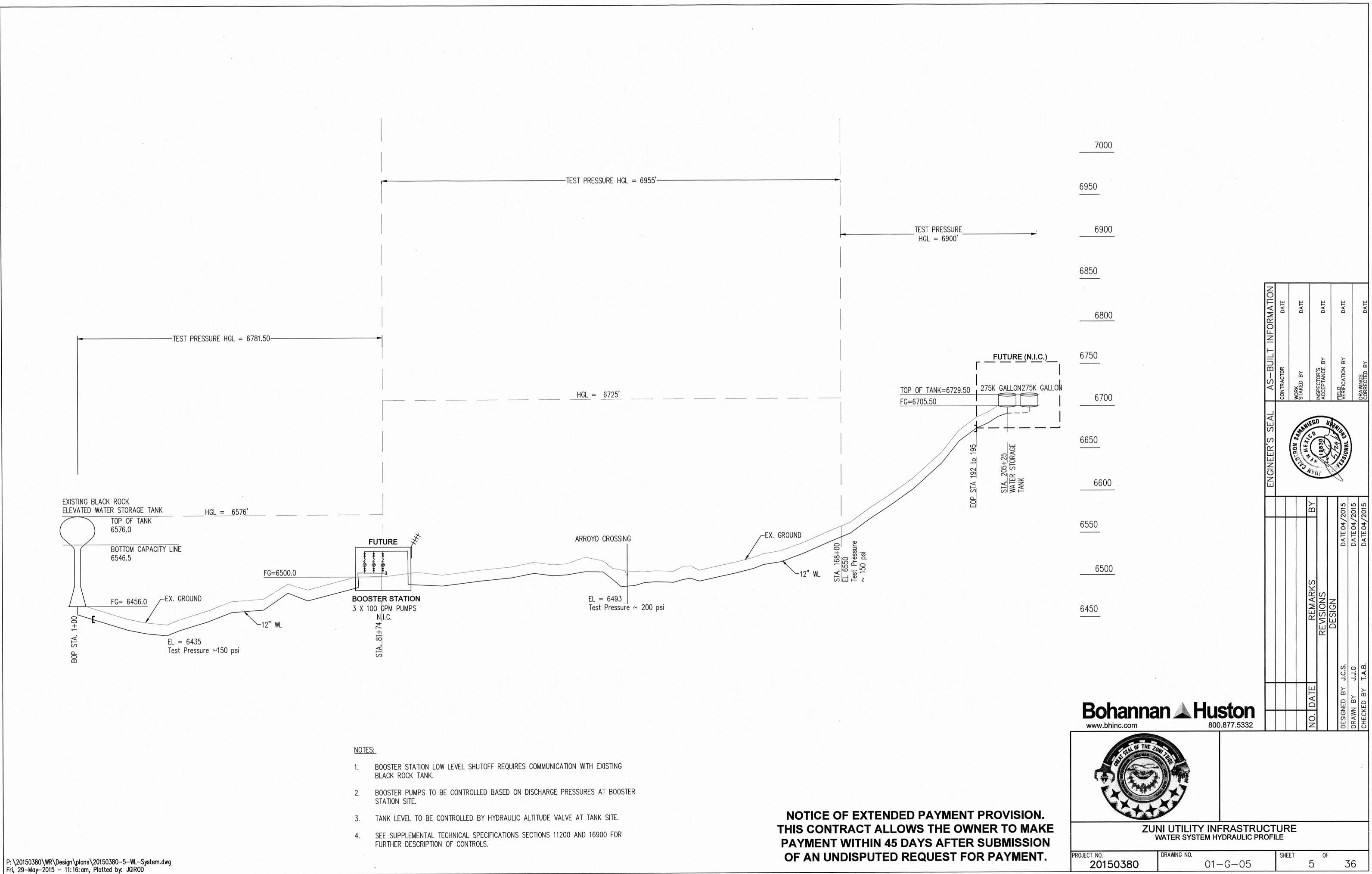
	Point Table	
STATION	NORTHING	EASTING
1+00.00	1494948.93	2448449.65
1+27.12	1494976.05	2448449.68
4+47.36	1495292.96	2448417.20
8+13.98	1495658.91	2448434.90
9+54.59	1495799.22	2448442.93
11+55.29	1495999.16	2448427.98
12+16.21	1496059.69	2448421.09
13+03.95	1496147.43	2448422.09

Point Table (Street C)						
STATION	NORTHING	EASTING				
1+00.00	1494938.93	2448383.85				
4+78.69	1495315.20	2448341.07				
9+65.99	1495801.76	2448367.93				
12+39.42	1496075.14	2448372.70				
	STATION 1+00.00 4+78.69 9+65.99	STATIONNORTHING1+00.001494938.934+78.691495315.209+65.991495801.76				

	Point Table						
\bigcirc	STATION	NORTHING	EASTING				
58	1+00.00	1495598.99	2449016.13				
59	2+71.49	1495601.96	2448844.63				
60	3+44.29	1495650.02	2448789.94				
61	8+42.21	1496147.86	2448798.56				

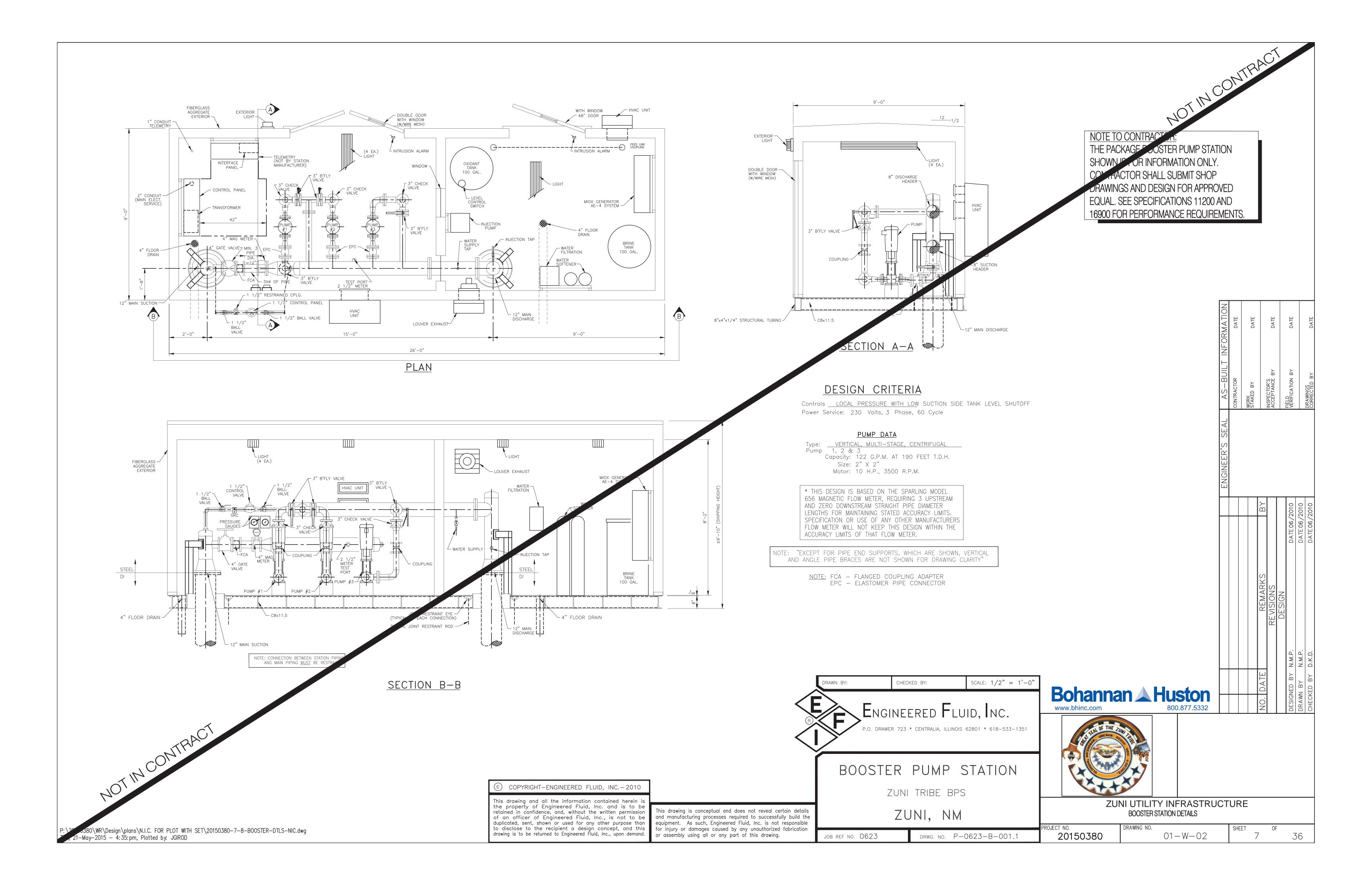
Point Table (Lateral 1)						
STATION	NORTHING	EASTING				
1+00.00	1495315.20	2448341.07				
3+72.90	1495313.80	2448613.97				
7+60.06	1495311.10	2449001.13				
	STATION 1+00.00 3+72.90	STATION NORTHING 1+00.00 1495315.20 3+72.90 1495313.80				

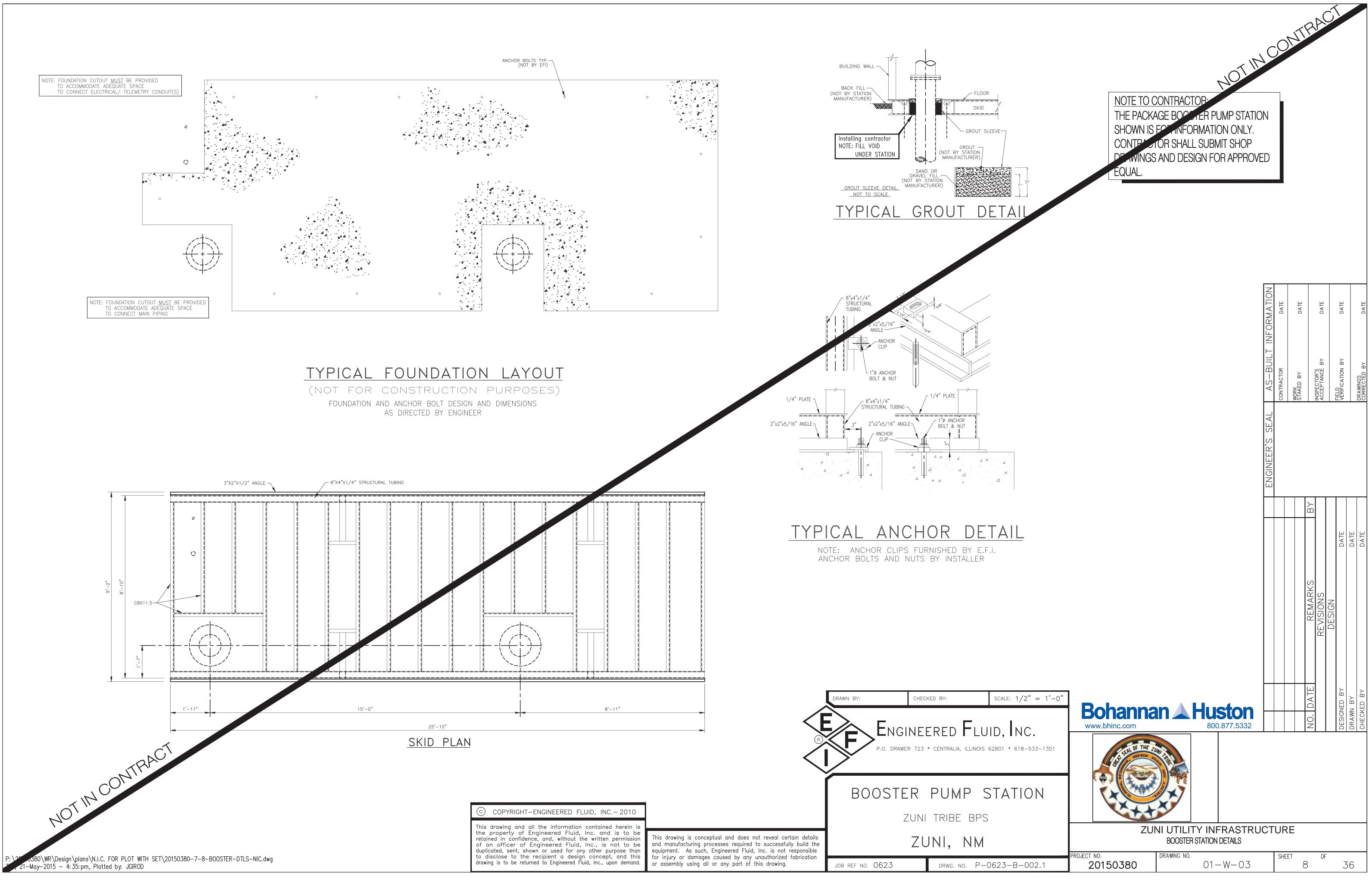
	Po	int Table (Stree	et D)
\bigcirc	STATION	NORTHING	EASTING
13	1+00.00	1495313.80	2448613.97
18	4+28.08	1495582.10	2448802.78
19	5+37.68	1495677.02	2448747.99
20	9+38.48	1496077.77	2448754.72

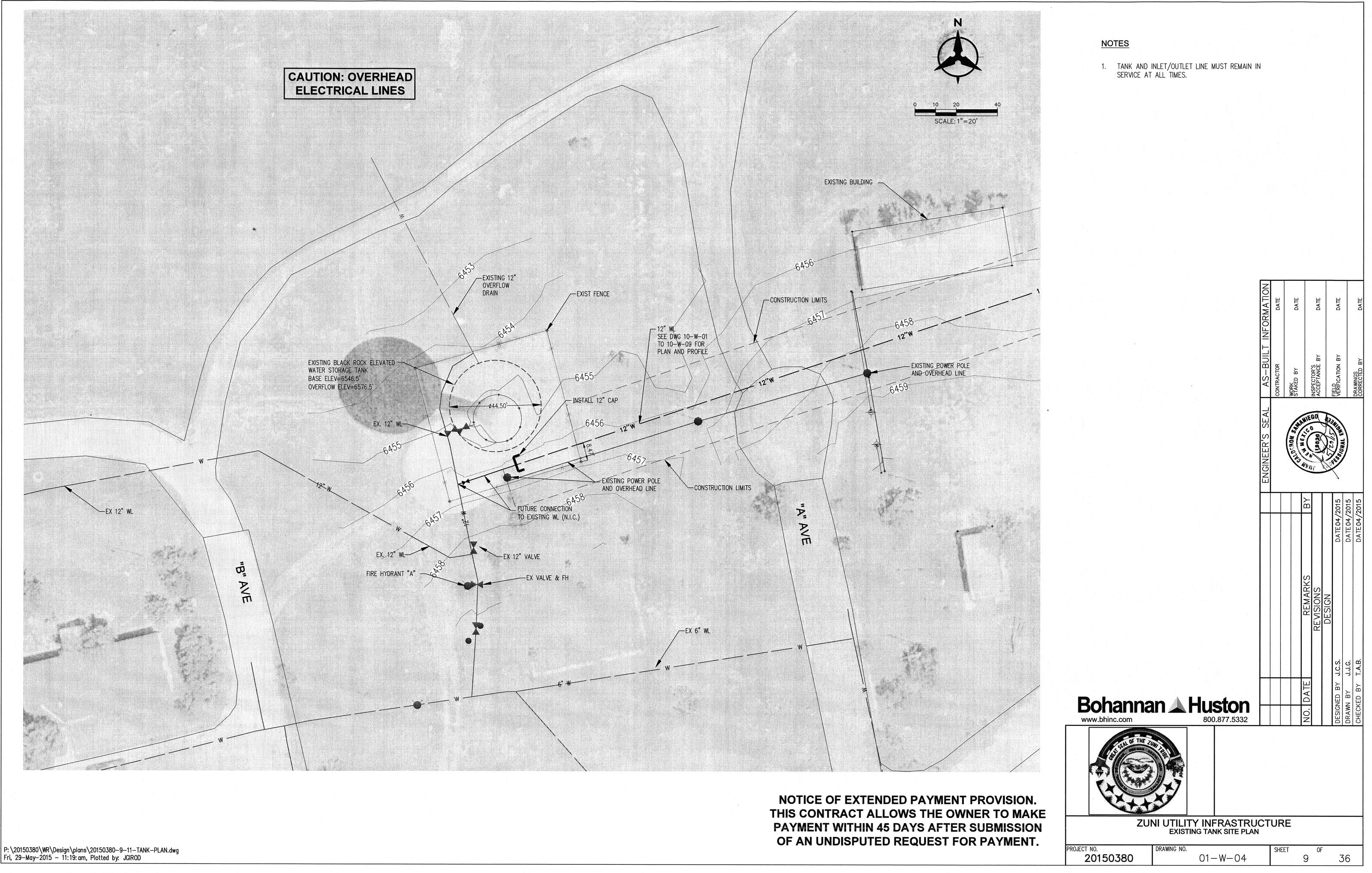


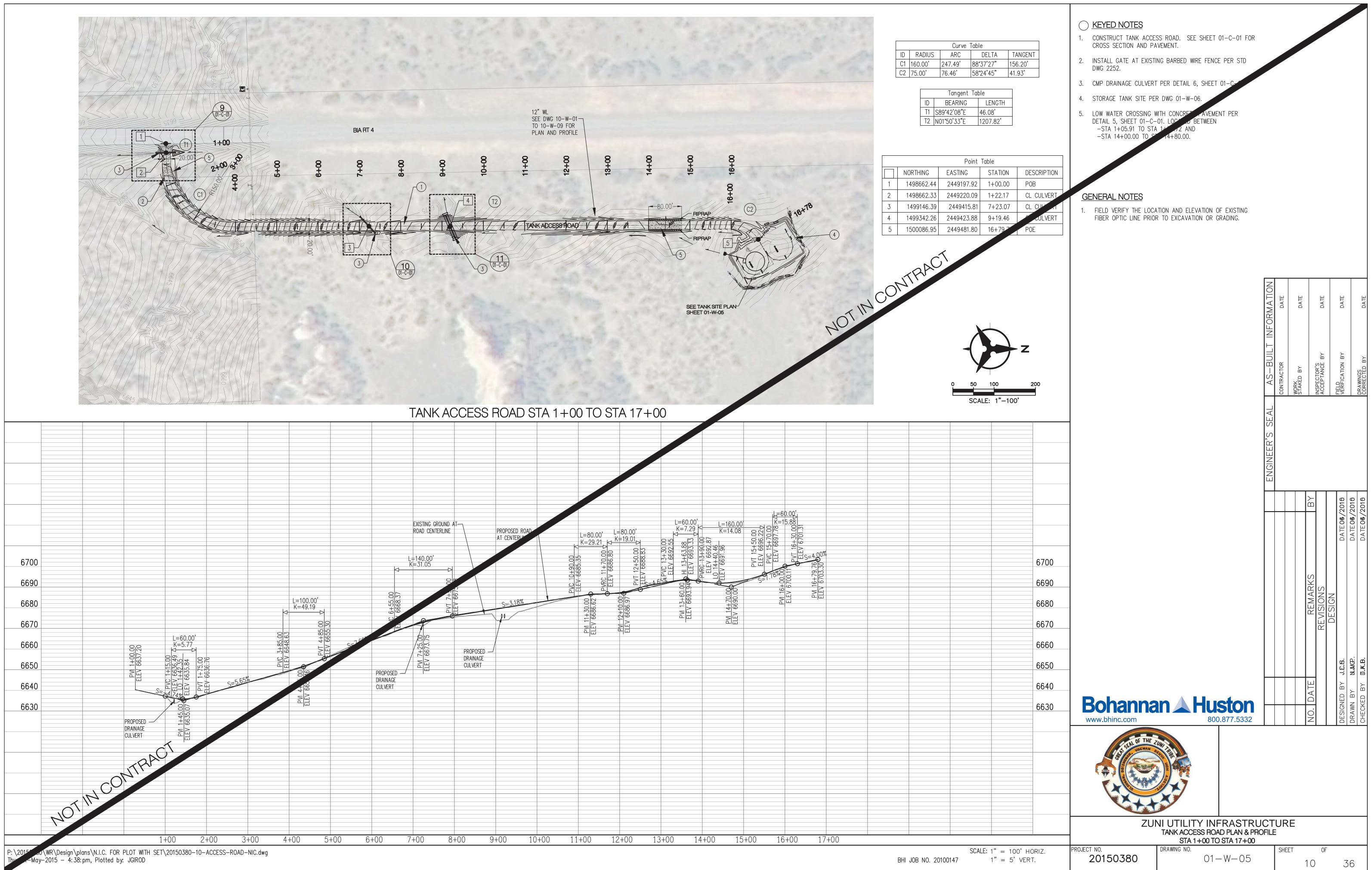


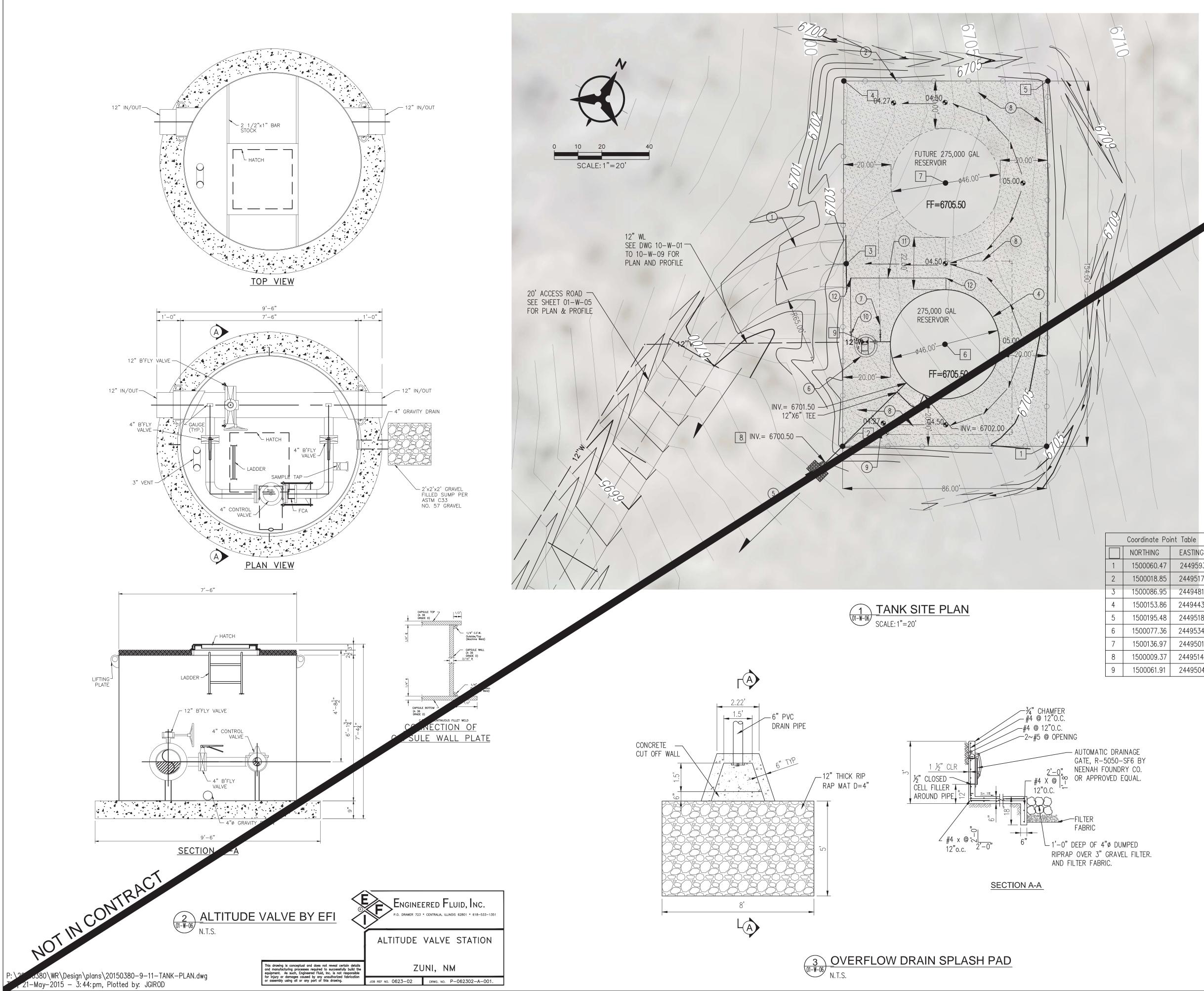
				LEG	END									
					PROPERTY	LINE/EDGE OF ROW	V							
					EXISTING C	CONTOURS								
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					EXISTING D	IRT ROAD								
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MIR			∠ P		PROPOSED	CHECK VALVE								
	С		ED NOTES											
	1.	CONST	RUCT GRAVEL	DRIVEWAY PE	R DETAIL	4, SHEET 01-	·C-01.							
	2.	CHAINL	INK FENCE AN	ND GATE PER	STD DWG	G 2252.		r		1				
	3.		.GE BOOSTER F VED EQUAL) F			NCLOSURE (EFI	NO. 0623-01 OR	NOL	1.1	 			1.1	
	4.		YDRANT PER S					ORMATION	DATE	DATE			DATE	DATE
	5.					ROSSING AND S	SITE ACCESS.							
	6.					RDINATE ELECTI		Z						
N			CTION WITH UT) FOR BOOSTER						В≺	BY
	7.				r per st	D. DWG. 2326.	RESTRAIN ALL	S-B	CONTRACTOR) BY	INSPECTOR'S	IANCE	FIELD VERIFICATION	
	0		. PER DWG 10					Ř	CONTR	WORK STAKED	INSPEC		FIELD VERIFIC	DRAWINGS CORRECTED
			2' GRAVEL SUI				HEET 01-C-01.							
	9.	2 X2 X. 4" DRA		MP ASIM COS	D NU. 37	GRAVEL		SEAI						
	10.	4 DIV						ر ک						
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		3 4	1495204.79 1495200.17	2442540.18 2442528.81	6500.5 6500.5						В		2010	2010
		5	1495164.04	2442543.49	6499.3						\square		06/	06/
		6 7	1495185.12 1495221.25	2442595.37 2442580.69	6498.20 6500.5								μ	DATE DATE
		8 9	1495212.32 1495243.30	2442558.71 2442546.11	6500.5 6500.0									
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		13	1495247.13	2442533.46	6498.2	20					A M			
		14 15	1495227.95 1495235.48	2442530.77 2442549.29	6500.2 6500.2						RE			
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		17 18	1495176.61 1495264.22	2442601.00 2442554.36	6500.0 6500.1									
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		20	1495193.37	2442575.83	6500.0	,]					ļ			N.I
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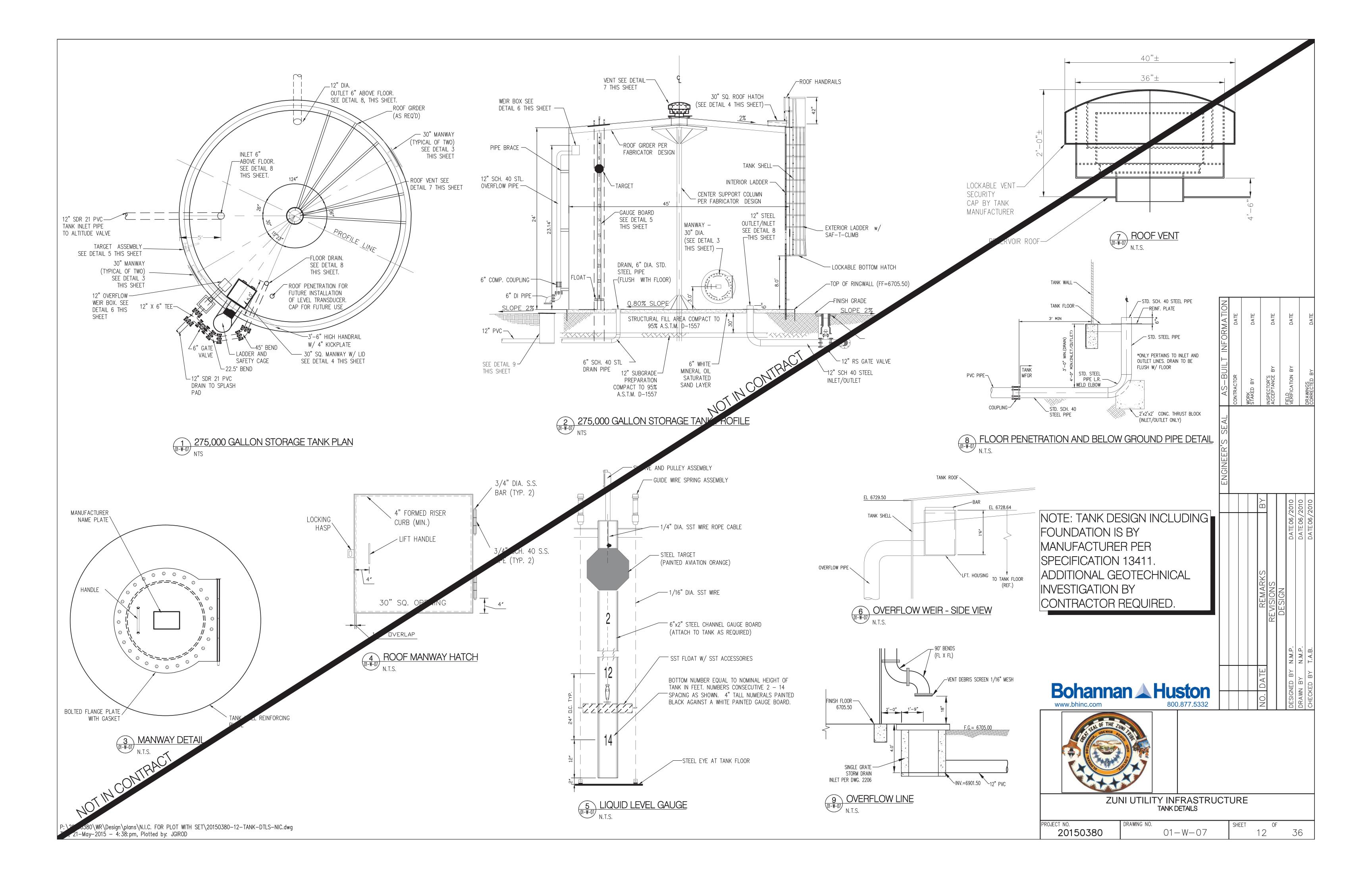


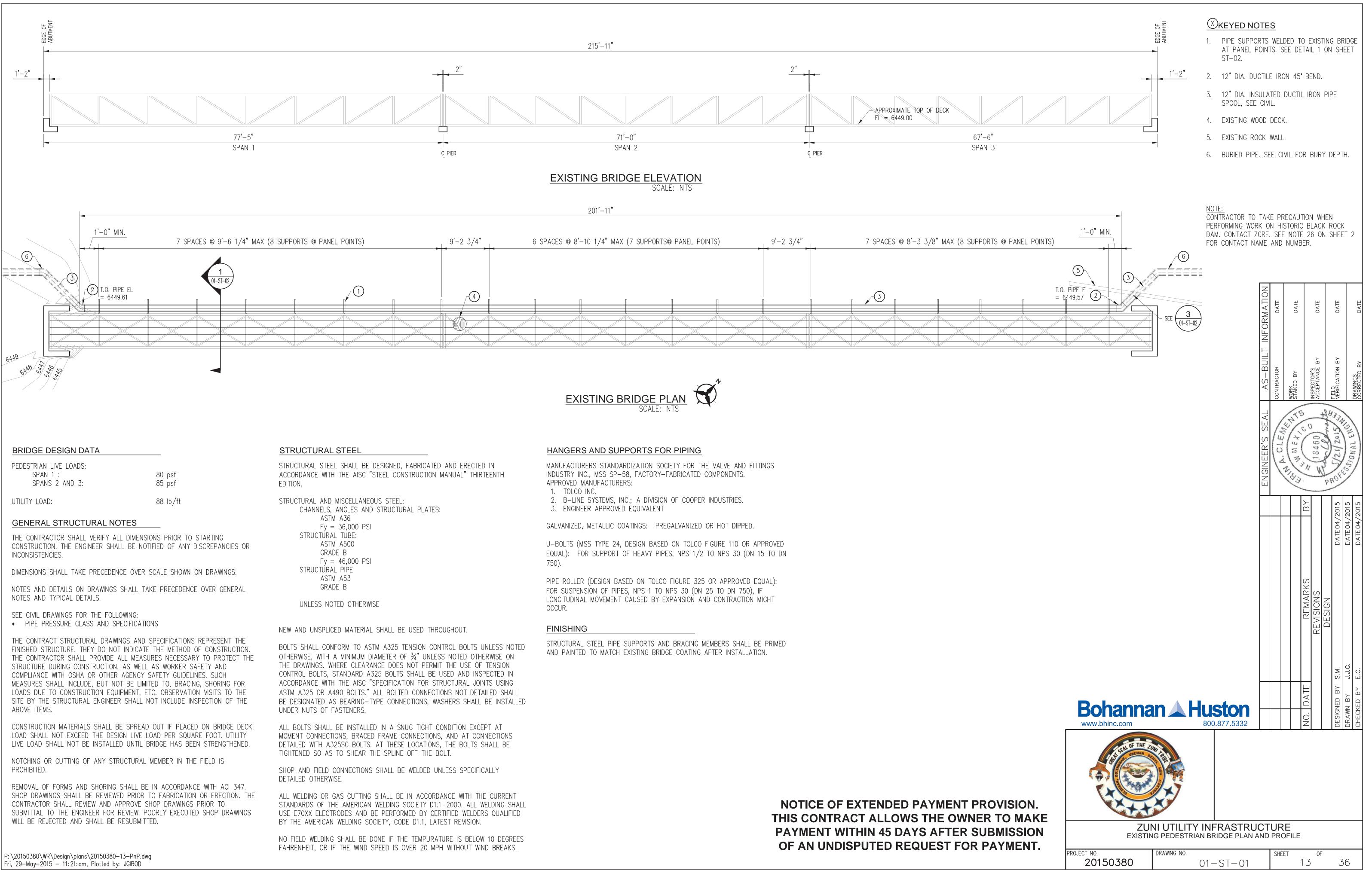


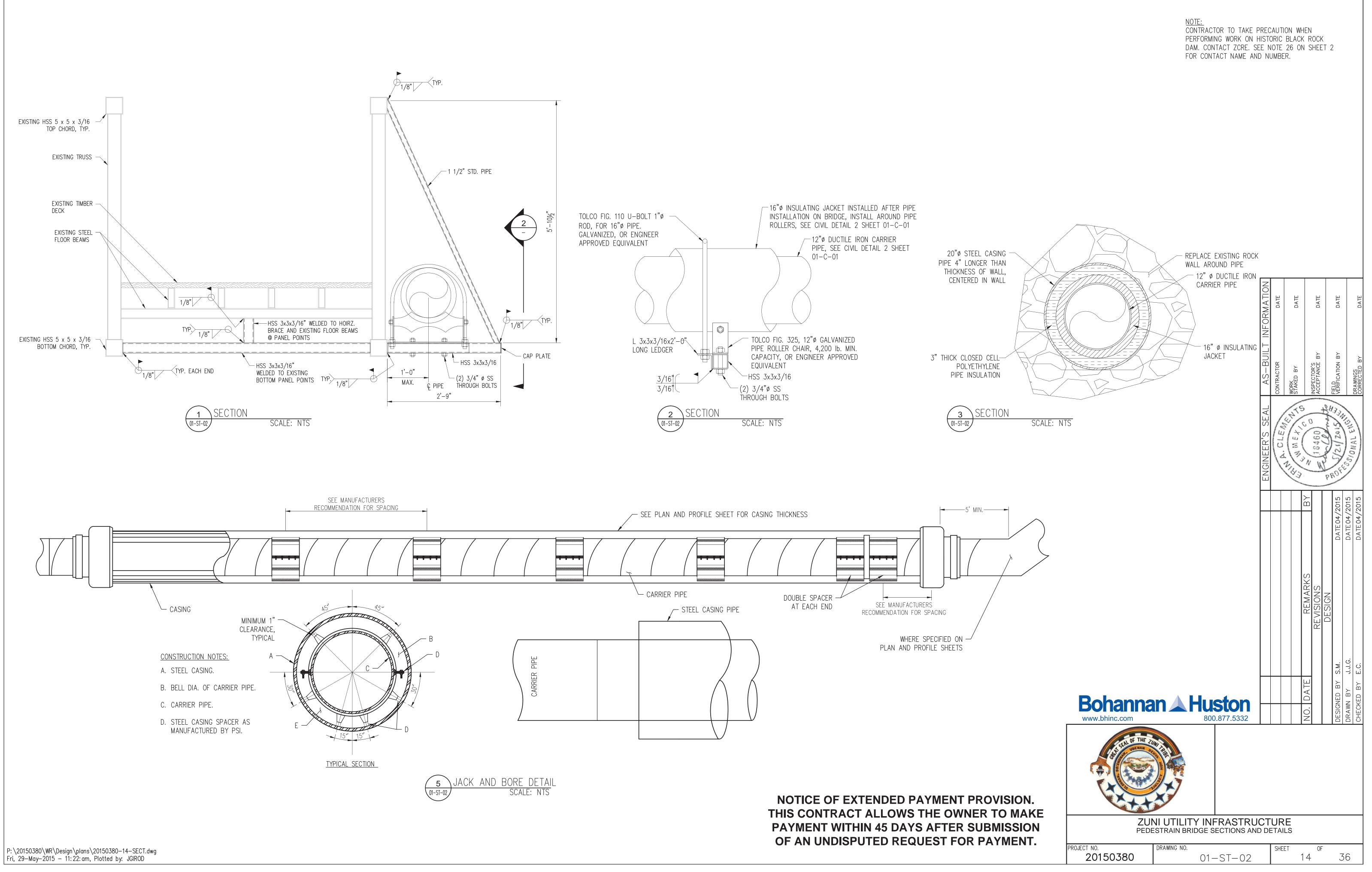


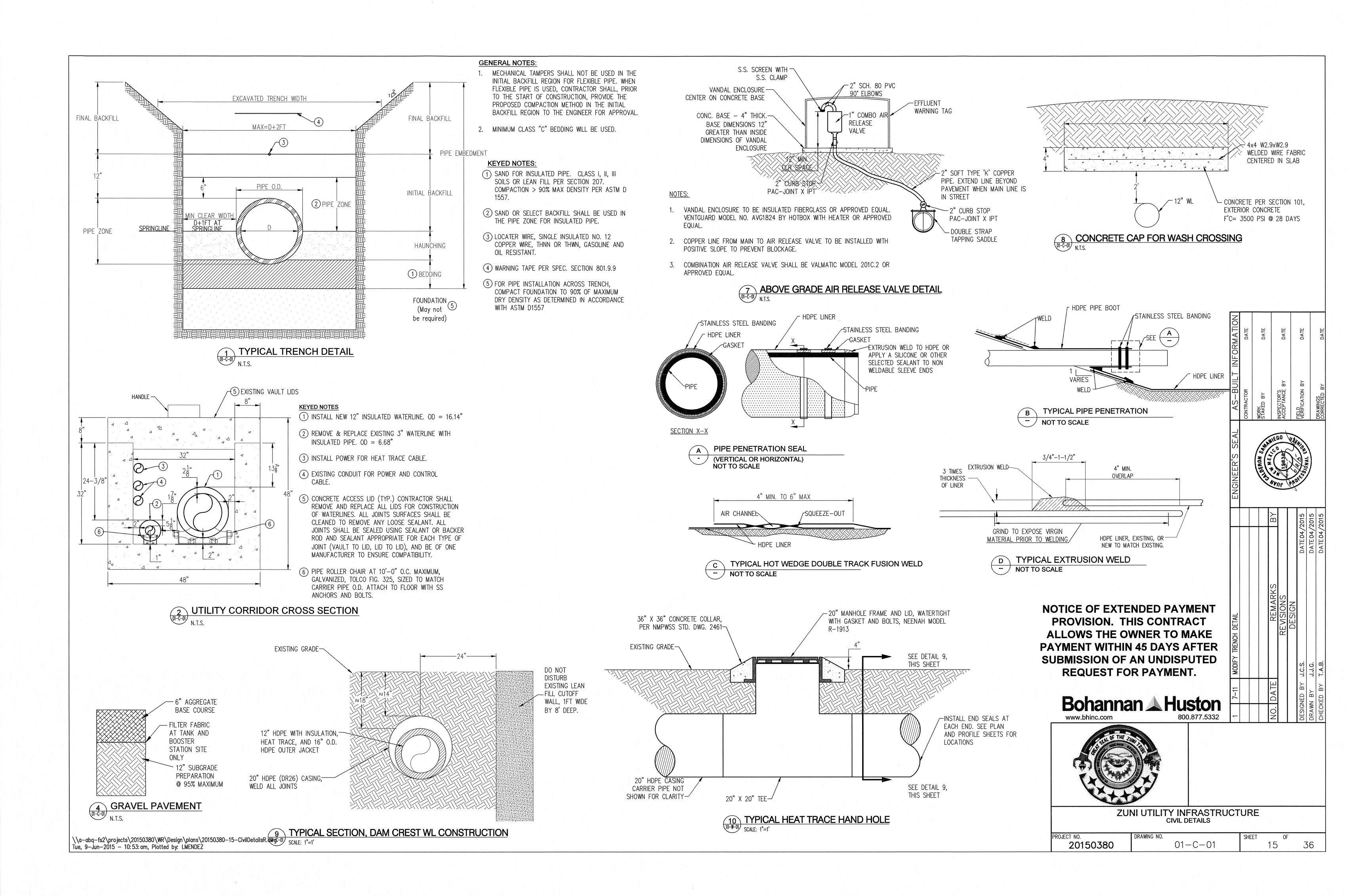
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5. 6" OVERFLOW DI SHEET.	RAIN AND	SPLASH PAD	PER DETAIL 3	THIS	JILT			BY		ВҮ		~
5. ALTITUDE VALVE 2 THIS SHEET.	BY EFI O	R APPROVED	EQUAL, PER [)ETAIL	S-BUI	CONTRACTOR	D BY	INSPECTOR'S ACCEPTANCE E		FIELD VERIFICATION E		NGS CTED BY
7. 12" WATERLINE			VALVE AND	CAP TO	AS.	CONTR	WORK STAKED	INSPEC		FIELD VERIFI(DRAWINGS CORRECTED
SERVE FUTURE V 3. GRAVEL PAVEME			T 01-C-01		ΑL							
9. 6" TEE, 10 LF-				FOR	S E							
FUTURE TANK.					ER'S							
10. 12" CHECK VALV					ENGINEER							
11. 72 L.F. OF 12" OUTLET PIPING.	WL, CONNE	ECTING TO TAN	IK AND 12" II	NLET,	EN(
12. 12" – 90° HORIZ	ZONTAL BE	END			$\left \right $					0	ი	
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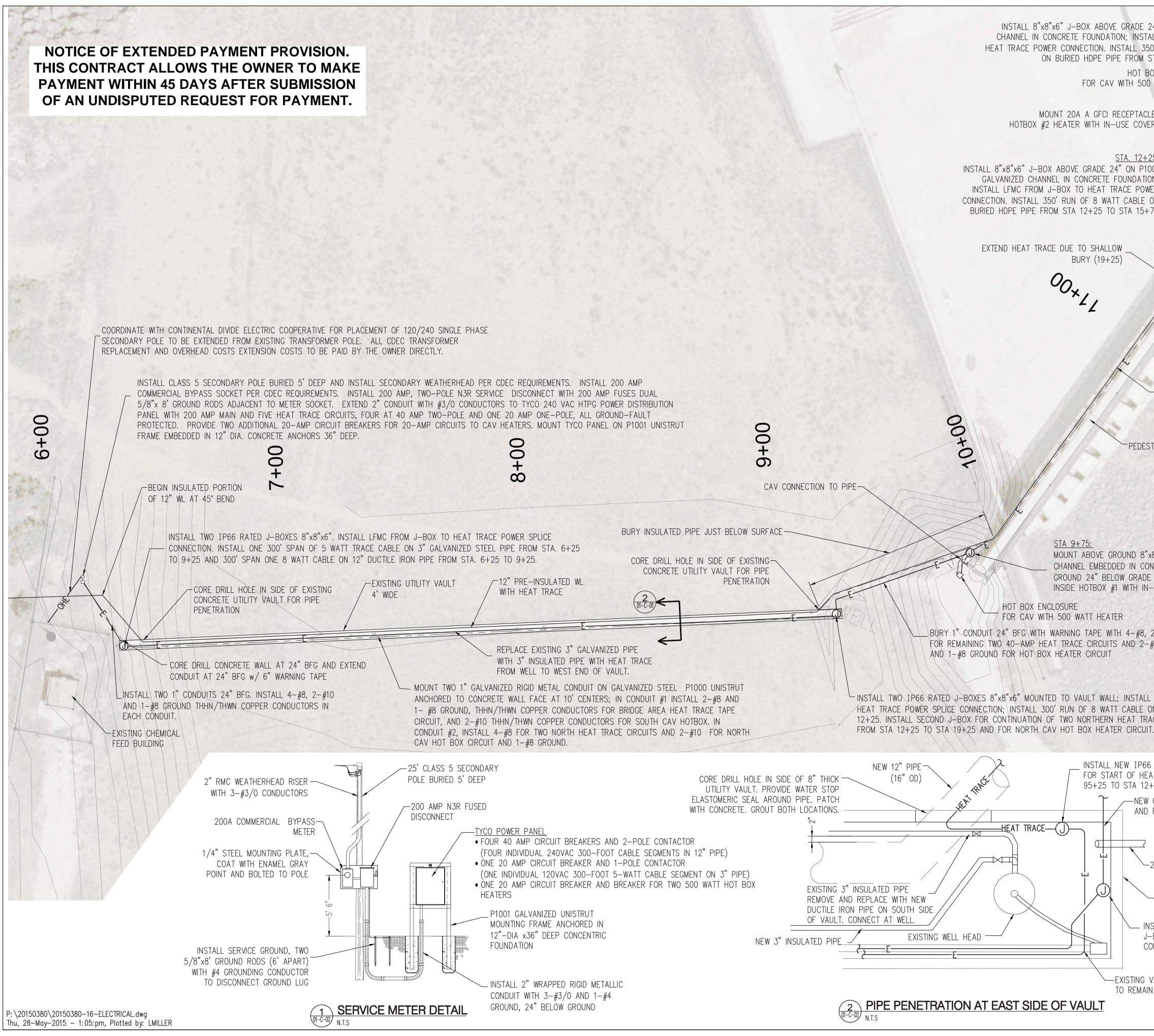
Coordinate Po	int Table	
NORTHING	EASTIN	G
1500060.47	24495	93.01
1500018.85	244951	17.75
1500086.95	244948	31.80
1500153.86	244944	13.66
1500195.48	244951	8.92
1500077.36	244953	34.69
1500136.97	24495(01.98
1500009.37	244951	4.88
1500061.91	24495()4.72



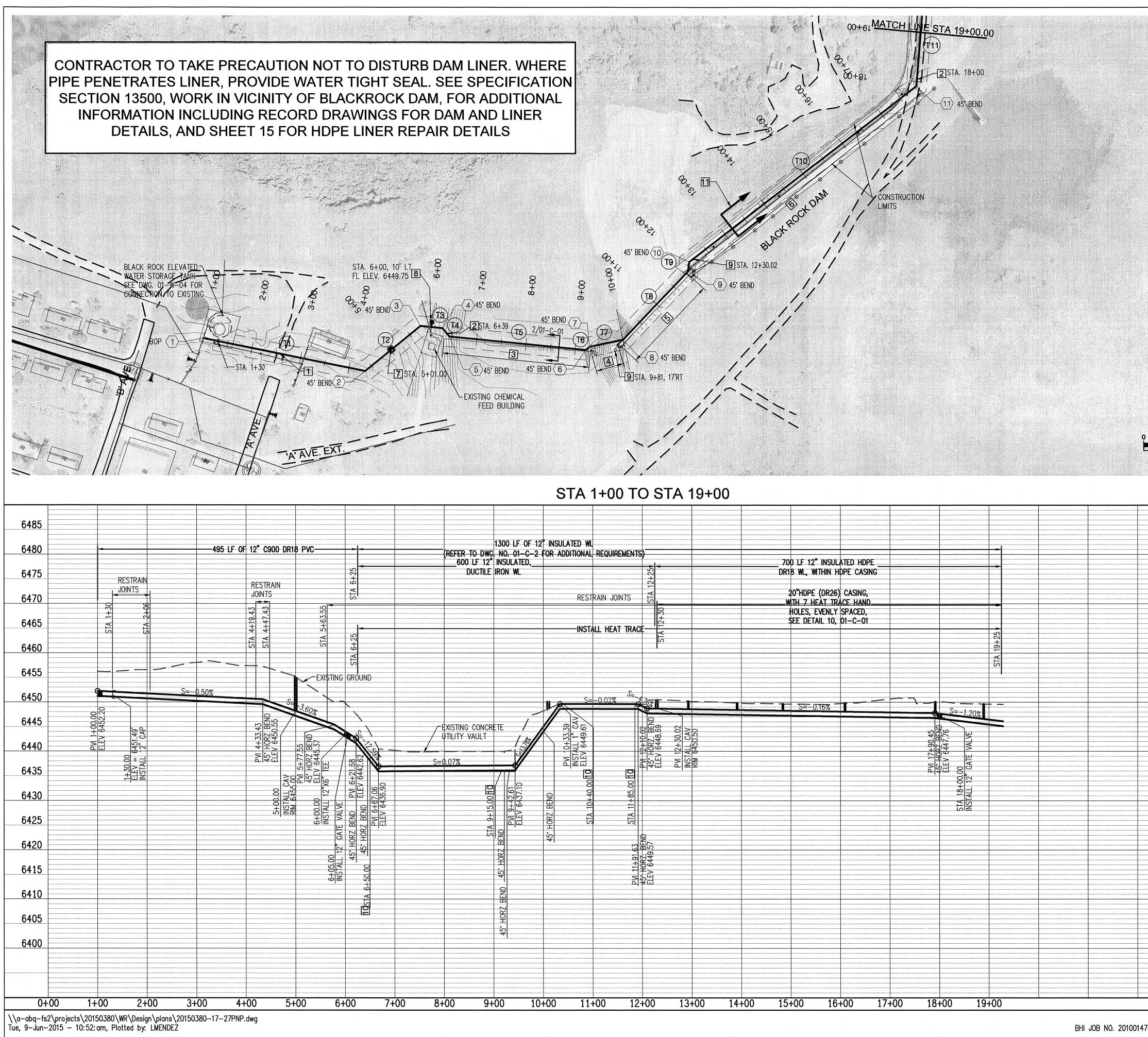




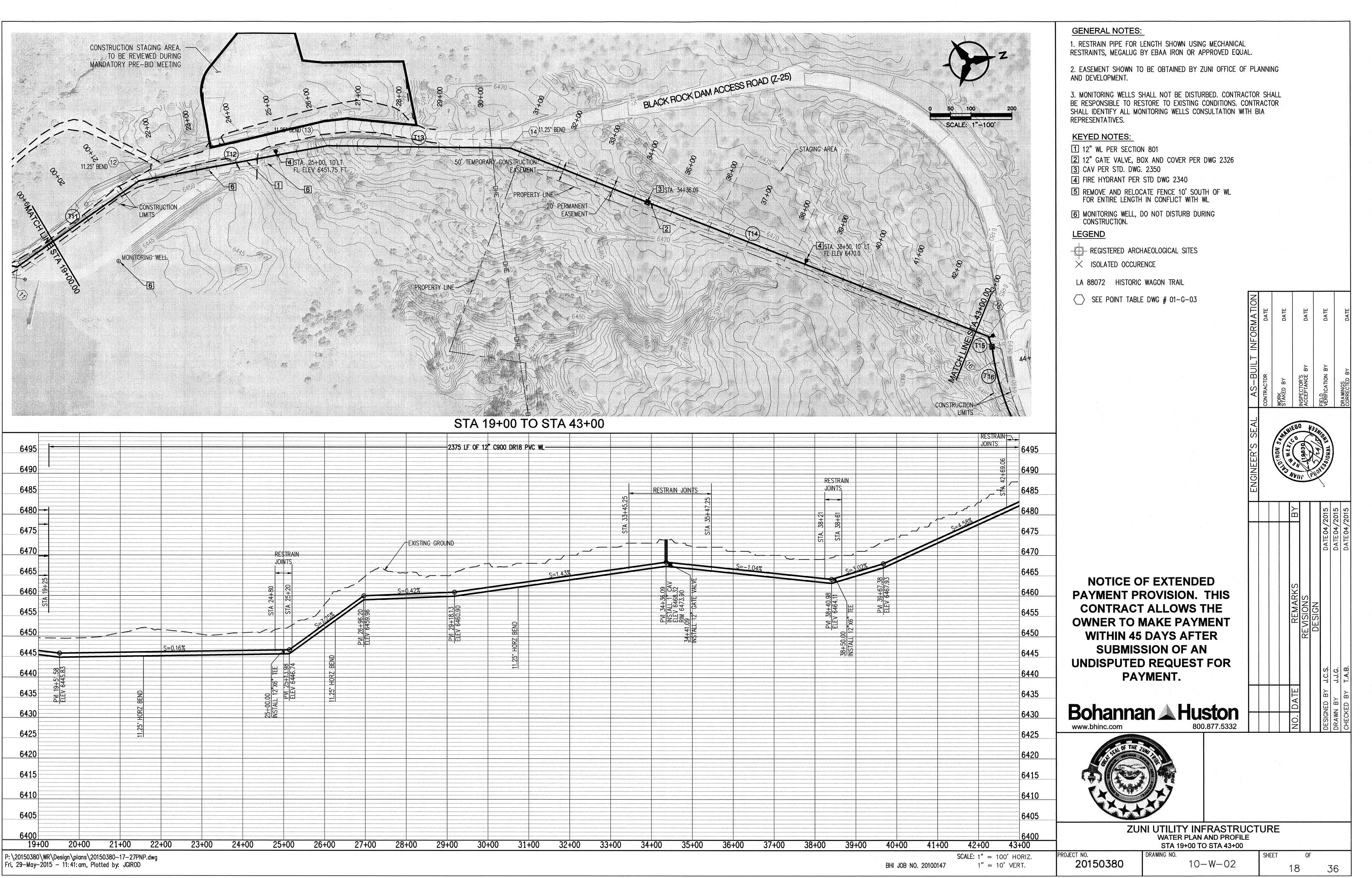




STA. 15+2	/ //	NC NC	DTES:				
24" ON P1001 GALVANIZE LL LFMC FROM J—BOX T D'RUN OF 8 WATT CABL	E E	1.	PROVIDE HEAT T STA 6+25 TO S		12"WL	ROM	
STA 15+25 TO STA 19+7 OX ENCLOSURE WATT HEATER		2.	PROVIDE HEAT T CHEMICAL FEED WELL AT END OF STA 9+25.	BUILDING (S	STA 6+2	5) TO	
E INSIDE R PLATE		3.	HDPE LINER IS L FT. DEPTH FOR AUXILIARY SPILL REPAIRED TO OF	ENTIRE LEN WAY. LINER	GTH OF SHALL [BE	
25:			BETTER AND SU APPROVED BY B	CH REPAIR	MUST BE	-	,
DN; ER DN 75		4.	REFER TO DWG AND PROFILE OF			PLAN	
	MOUNT 1" GALVANIZED RIGID MET/ CONDUIT ON BRIDGE STRUCTURE V CONDUIT CLAMPS AT 6' MAX INTE INSTALL 4-#8, 2-#10 AND 1-#8 THHN/THWN COPPER CONDUCTORS TWO HEAT TRACE CIRCUITS AND F #2 CIRCUIT. INSTALL 8"x8" PULL	MITH RVALS. GROUND S FOR HOTBOX	ZC				
	AT BRIDGE MID-SPAN.		ORMATI	DATE	DATE	DATE	DATE
-12" INSULATED WL ON DWGS. 01-ST-01 AND	NW SIDE OF BRIDGE PER 01-ST-02				→	~	
TRIAN BRIDGE			A S – RI	RACTO	INSPECTOR'S ACCEPTANCE BY	FIELD VERIFICATION BY	DRAWINGS CORRECTED BY
			□ □ □		HEW R. T.	HOM	
			х`х УГ		13868	CON HEAD	
NCRETE. EXTEND 3/4" C	OTBOX ON P1001 GALVANIZED ONDUIT WITH 2-#10 AND 1-#10 INSTALL 20A GFCI RECEPTACLE		FNGNFFR		HOFESS 5-92	SULLE S	Ĺ
		۸.	-		BY	4/2015	5/2015
2-#12 #10	A					DATE04,	DATE 05,
LFMC FROM ONE J-BO N 12" PIPE FROM STA. ACE CIRCUITS TO BE INS	9+25 TO SCALE: 1'	40 '-20'			REMARKS EVISIONS	עבאפוא	
RATED J-BOX FOR POW AT TRACE CONNECTION F +25.							5 œ.
CONDUIT TO PENETRATE RESUME INSTALLATION II			-			- <u>-</u>	л. Т.А.
	Bohanna	an 🛦 Hu	ston -		. DAT	DESIGNED B	
2" PIPE DRAIN	www.bhinc.com		0.877.5332		0 Z	DESIGNE	CHE
—UTILITY CHASE VAULT	Stati Stati OF THE 2						
STALL NEW IP66 RATED -BOX FOR HEAT TRACE (ONTINUATION TO NORTH (Y					
VAULT CONDUIT TO WELL		NI UTILITY INI LITY CORRIDOR AN					
	PROJECT NO. 20150380	DRAWING NO.	-C-02	SHEET	0F 16		5



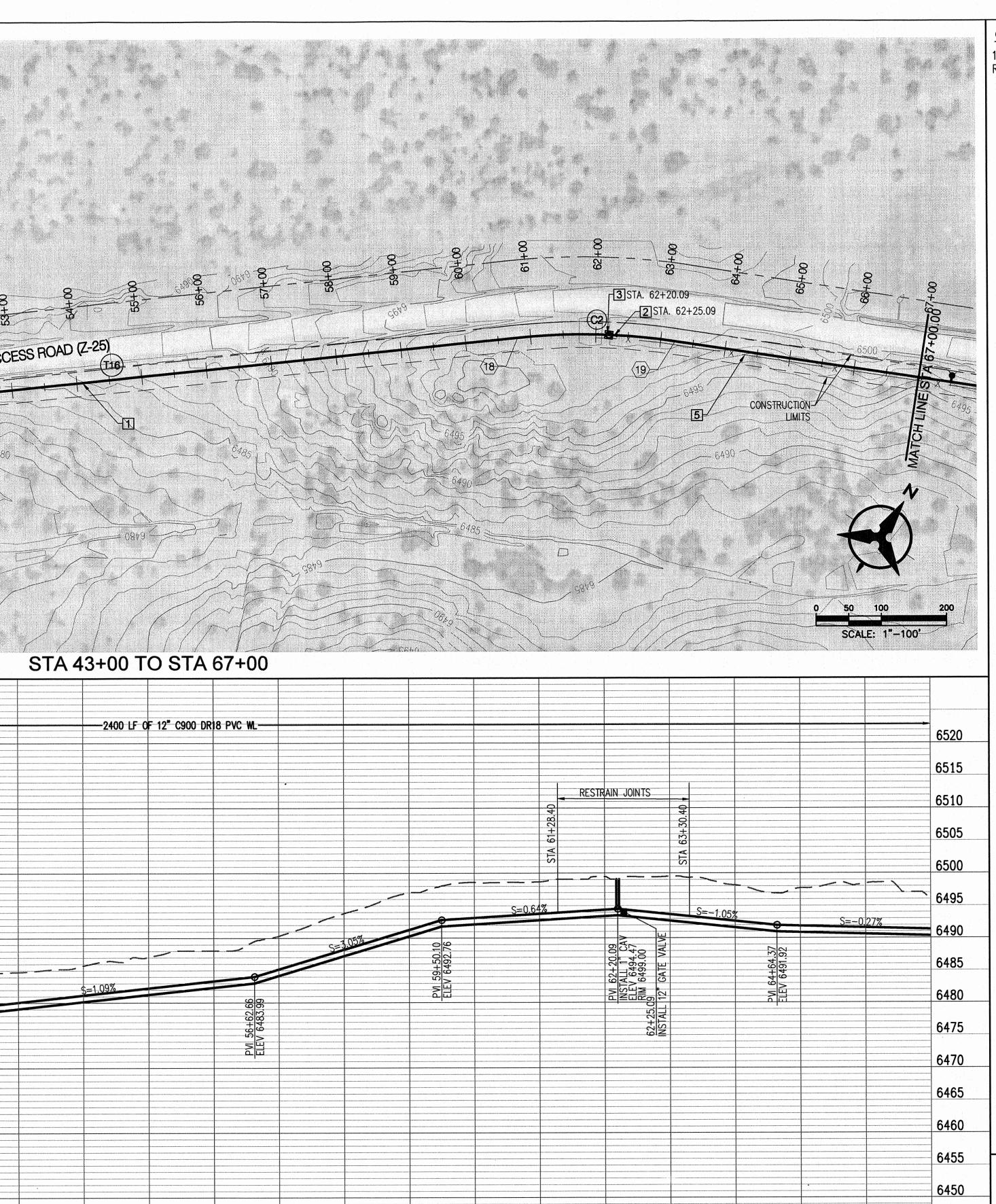
	1. 1. 8x 1	TT1)		GENERAL NOTES: 1. RESTRAIN PIPE FOR LENGTH SHOWN USING MECHANICAL RESTRAINTS, MEGALUG BY EBAA IRON OR APPROVED EQUAL. 2. HDPE PIPE SHALL BE RESTRAINED BY WELDING JOINTS PER MANUFACTURERS
	8	2 STA. 18+00 * -(1) 45* BEND		INSTRUCTIONS. 3. EXPOSED DUCTILE IRON PIPE ALONG THE PEDESTRIAN BRIDGE AND WITHIN THE UTILITY CORRIDOR, SHALL BE PREPARED TO BE USED WITH STANDARD GROOVE END COUPLINGS AND FITTINGS, AS MANUFACTURED BY VICTAULIC, OR ENGINEER APPROVED EQUAL.
		1		4. MONITORING WELLS SHALL NOT BE DISTURBED. CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE TO EXISTING CONDITIONS. CONTRACTOR SHALL IDENTIFY ALL MONITORING WELLS CONSULTATION WITH BIA REPRESENTATIVES.
Bre E	S BOOK DAM LIMITS	ION		5. PIPE TRANSITIONS FROM DUCTILE IRON TO HDPE, PVC TO DUCTILE IRON, OR HDPE TO PVC, SHALL BE MADE USING A RESTRAINED TRANSITION COUPLING, SUCH AS ROMAC MODEL ALPHA, OR ENGINEER APPROVED EQUAL.
°≥/ °>× 45° BEND (10 T9) 8 42	9 STA. 12+30.02			
8 5 6 TB	45' BEND			KEYED NOTES: 1 12" WL PER SECTION 801.
				 2 12" GATE VALVE, BOX AND COVER PER DWG 2326. 3 INSULATED PIPE INSIDE EXISTING UTILITY VAULT,
9 STA. 9+81, 17'RT				REPLACE EXISTING 3" WL. SEE DWG, 01-C-02 FOR WORK IN THIS AREA. Image: Constraint of the second
				(SEE DWG NO. 01-ST-01). (SEE DWG NO. 01-ST-0
			SCALE: 1"-100'	7 CAV PER STD. DWG. 2350.8 FIRE HYDRANT PER STD. DWG. 2340.9 HOL SAL1 HOL SAL
				9 ABOVE GROUND CAV PER DETAIL 7, DWG. 01-C-01.
TA 1+00 TO STA 19+00				TO EXPANSION JOINT, INSTALL ROMAC MODEL DJ400
ATED WL			6485	 EXPANSION JOINT, INSTALL ROMAC MODEL DJ400 DISMANTLING JOINT, WITH LIMIT RODS SET TO ALLOW 1" OF EXPANSION. EXISTING LEAN-FILL CUT-OFF WALL SHALL NOT BE DISTURBED, SEE DETAIL 9, SHEET 15 FOR TYPICAL
ATED WL	700 LF 12" INSULATED HDPE DR18 WL, WTHIN HDPE CASING		6485 6480 6475	 EXPANSION JOINT, INSTALL ROMAC MODEL DJ400 DISMANTLING JOINT, WITH LIMIT RODS SET TO ALLOW 1" OF EXPANSION. EXISTING LEAN-FILL CUT-OFF WALL SHALL NOT BE DISTURBED, SEE DETAIL 9, SHEET 15 FOR TYPICAL SECTION AT DAM CREST
ATED WL NTIONAL REQUIREMENTS)	700 LF 12* INSULATED HDPE		6480 6475 6470	1" OF EXPANSION. 1 EXISTING LEAN-FILL CUT-OFF WALL SHALL NOT BE DISTURBED, SEE DETAIL 9, SHEET 15 FOR TYPICAL SECTION AT DAM CREST
ATED WL DITIONAL REQUIREMENTS)	700 LF 12" INSULATED HDPE DR18 WL, WITHIN HDPE CASING 20"HDPE (DR26) CASING, WITH 7 HEAT TRACE HAND	3 <u>1</u> → → → → → → → → → → → → →	6480 6475	1" OF EXPANSION. 1 EXISTING LEAN-FILL CUT-OFF WALL SHALL NOT BE DISTURBED, SEE DETAIL 9, SHEET 15 FOR TYPICAL SECTION AT DAM CREST LEGEND
ATED WL DITIONAL REQUIREMENTS) RESTRAIN JOINTS IS INSTALL HEAT TRACE	700 LF 12" INSULATED HDPE DR18 WL, WITHIN HDPE CASING 20"HDPE (DR26) CASING, WITH 7 HEAT TRACE HAND HOLES, EVENLY SPACED, SEE DETAIL 10, 01–C–01		6480 6475 6470 6465	1" OF EXPANSION. T EXISTING LEAN-FILL CUT-OFF WALL SHALL NOT BE DISTURBED, SEE DETAIL 9, SHEET 15 FOR TYPICAL SECTION AT DAM CREST LEGEND SEE POINT TABLE DWG # 01-C-03 NOTICE OF EXTENDED
ATED WL DITIONAL REQUIREMENTS) RESTRAIN JOINTS	700 LF 12" INSULATED HDPE DR18 WL, WITHIN HDPE CASING 20"HDPE (DR26) CASING, WITH 7 HEAT TRACE HAND	+6	6480 6475 6470 6470 6465 6460 6455	1" OF EXPANSION. T EXISTING LEAN-FILL CUT-OFF WALL SHALL NOT BE DISTURBED, SEE DETAIL 9, SHEET 15 FOR TYPICAL SECTION AT DAM CREST LEGEND SEE POINT TABLE DWG # 01-G-03 NOTICE OF EXTENDED PAYMENT PROVISION. THIS CONTRACT ALLOWS THE
ATED WL DITIONAL REQUIREMENTS RESTRAIN JOINTS S= -0.02% S= -0.02%	700 LF 12" INSULATED HDPE DR18 WL, WITHIN HDPE CASING 20"HDPE (DR26) CASING, WITH 7 HEAT TRACE HAND HOLES, EVENLY SPACED, SEE DETAIL 10, 01–C–01	411.76 SIA SIA SIA SIA SIA SIA SIA SIA	6480 6475 6470 6465 6460 6465 6455 6450	1" OF EXPANSION. EXISTING LEAN-FILL CUT-OFF WALL SHALL NOT BE DISTURBED, SEE DETAIL 9, SHEET 15 FOR TYPICAL SECTION AT DAM CREST LEGEND SEE POINT TABLE DWG # 01-G-03 NOTICE OF EXTENDED PAYMENT PROVISION. THIS
ATED WL DITIONAL REQUIREMENTS RESTRAIN JOINTS RESTRAIN JOINTS INSTALL HEAT TRACE S= 0.022 NO 170 10 10 10 10 10 10 10 10 10 10 10 10 10	700 LF 12" INSULATED HDPE DR18 WL, WITHIN HDPE CASING 20"HDPE (DR26) CASING, WITH 7 HEAT TRACE HAND HOLES, EVENLY SPACED, SEE DETAIL 10, 01–C–01	+6	6480 6475 6470 6465 6460 6460 6455 6450 6445 6445 6445 6445 6445 6445 6440 6435 6430	1" OF EXPANSION.
ATED WI DITIONAL REQUIREMENTS) RESTRAIN JOINTS RESTRAIN JOINTS S=-0.02% S=-0.02% S=-0.02% COC + 71 HOAT NSTALL HEAT TRACE S=-0.02% S=-0.0	700 LF 12" INSULATED HDPE DR18 WL, WITHIN HDPE CASING 20"HDPE (DR26) CASING, WITH 7 HEAT TRACE HAND HOLES, EVENLY SPACED, SEE DETAIL 10, 01–C–01	411.76 SIA SIA SIA SIA SIA SIA SIA SIA	6480 6475 6470 6465 6460 6455 6450 6450 6445 6445 6445 6450 6445 6445 6445 6445 6445 6445 6445	1" OF EXPANSION. EXISTING LEAN-FILL CUT-OFF WALL SHALL NOT BE DISTURBED, SEE DETAIL 9, SHEET 15 FOR TYPICAL SECTION AT DAM CREST LEGEND SEE POINT TABLE DWG # 01-G-03 NOTICE OF EXTENDED PAYMENT PROVISION. THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.
ATED WI DITIONAL REQUIREMENTS) RESTRAIN JOINTS INSTALL HEAT TRACE S= 0.02% S= 0.02%	700 LF 12" INSULATED HDPE DR18 WL, WITHIN HDPE CASING 20"HDPE (DR26) CASING, WITH 7 HEAT TRACE HAND HOLES, EVENLY SPACED, SEE DETAIL 10, 01–C–01	411.76 SIA SIA SIA SIA SIA SIA SIA SIA	6480 6475 6470 6465 6465 6460 6455 6450 6450 6445 6445 6445 6440 6430 6425 6420 6415	1" OF EXPANSION. I EXISTING LEAN-FILL CUT-OFF WALL SHALL NOT BE DISTURBED, SEE DETAIL 9, SHEET 15 FOR TYPICAL SECTION AT DAM CREST LEGEND SEE POINT TABLE DWG # 01-G-03 NOTICE OF EXTENDED PAYMENT PROVISION. THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT. UNDISPUTED REQUEST FOR PAYMENT. 1''''''''''''''''''''''''''''''''''''
BM OH OH OH RESTRAIN JOINTS INSTAIL 1. CAN INSTAIL IS CAN INSTAIL CAN CAN INSTAIL IS CAN INSTAIL IS CAN INSTAIL IS CAN IN IS CAN	700 LF 12" INSULATED HDPE DR18 WL, WITHIN HDPE CASING 20"HDPE (DR26) CASING, WITH 7 HEAT TRACE HAND HOLES, EVENLY SPACED, SEE DETAIL 10, 01–C–01	411.76 SIA SIA SIA SIA SIA SIA SIA SIA	6480 6475 6470 6470 6465 6460 6455 6460 6455 6450 6445 6445 6445 6445 6445 6445 6440 6430 6425 6420	1" OF EXPANSION. Image: Cutor of the state of the
ATED WI DOTIONAL REQUIREMENTS) RESTRAIN JOINTS S27721 VIS RESTRAIN JOINTS S27721 VIS S2721 VIS RESTRAIN JOINTS S2721 VIS S2721 VIS S2	700 LF 12" INSULATED HDPE DR18 WL, WITHIN HDPE CASING 20"HDPE (DR26) CASING, WITH 7 HEAT TRACE HAND HOLES, EVENLY SPACED, SEE DETAIL 10, 01–C–01	411.76 SIA SIA SIA SIA SIA SIA SIA SIA	6480 6475 6470 6470 6465 6460 6455 6450 6455 6450 6445 6445 6445 6445 6440 6435 6430 6420 6415 6410	1" OF EXPANSION. Image: Cutor of the state of the



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EV 6460.390 BEND BEND BEND BEND BEND BEND BEND BEND	12+18.13 12+18.13 EV 6660.09 12 BEND 12 Mathematical State 12 PM 38440.98 12 PM 38440.98 13 PM 38440.98 15 PM 38440.98 15
EV 6460.390 BEND BEND BEND BEND BEND BEND BEND BEND	12+18.13 12+18.13 EV 6460.39 12 BEND 12 Mature 12 PM 38440.98 13

	SS A	10	+35, 10'LT = 6490.50 FT	T				
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A BAR Marson	No Aller	A A A	6480	CONSTRUCTION- LIMITS 6475		6475 =		
520								
510 505 500 5495 5490	RESTRAIN STA 43+35 12"X6"TEE	STA 44+71.D6 •			RESTRAIN JOINTS 08+14 VIS 08+14 VIS	EXISTI	NG GROUND	
3515 3510 3510 3505 3505 3500 3495 3495 3490 3485 3485 3485 3485 3485 3485 3485 3485 3485 3485 3485 3485 3485 3485 3465 3465 3465	STA 43+35	EVEN STA 44+71.D6	ELEV 6481.116		47+80 48+20	EXISTII	NG GROUND	



54+00	55+00	56+00	57+00	58+00	59+00	60+00	61+00	62+00	63+00	64+00	65+00	66+00	67+00
													6435
													6440
													6445
													6450
													6455
													6460
													6465
													6470
			EV 648						62+: NST				6475
\$=1.09%			23.00 23.00 23.00		4				25.09 ALL 12				6480
					1 59+56	EV 649:		62+20 62+20 10411 1 6499.0	CATE		64+64. V 6491.		6485
				S=3.05%	0.10	2.76			VALVE		92		6490
				/			S=0.64%		S	=-1.05%		S=-0,27%	6495
												< > = \	
							STA 61		STA 63				6500
							+28.40		+30.40				6505
								RESTRAIN JOINT					6510
													6515
	0 LF 0F 12" C	900 DR18 PVC	WL										6520
			S = 1.092										

6445

6440

6435

PROJECT NO.

20150380

GENERAL NOTES: 1. RESTRAIN PIPE FOR LENGTH SHOWN USING MECHANICAL RESTRAINTS, MEGALUG BY EBAA IRON OR APPROVED EQUAL.

KEYED NOTES:

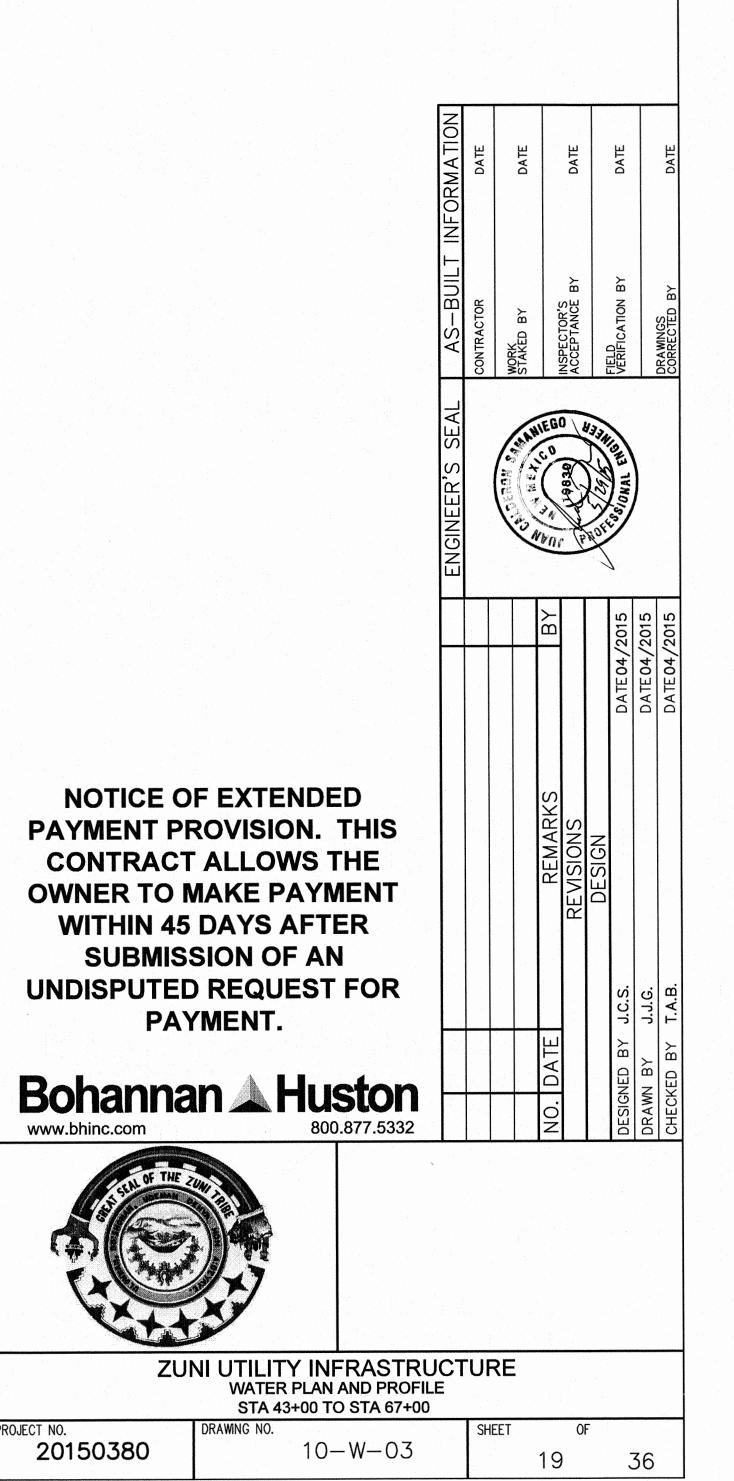
- 1 12" WL PER SECTION 801
- 2 12" GATE VALVE, BOX AND COVER PER DWG 2326
- 3 CAV PER STD. DWG. 2350
- 4 FIRE HYDRANT PER STD DWG 2340
- 5 REMOVE AND RELOCATE FENCE 10' SOUTH OF WL FOR ENTIRE LENGTH FENCE IS IN CONFLICT WITH W

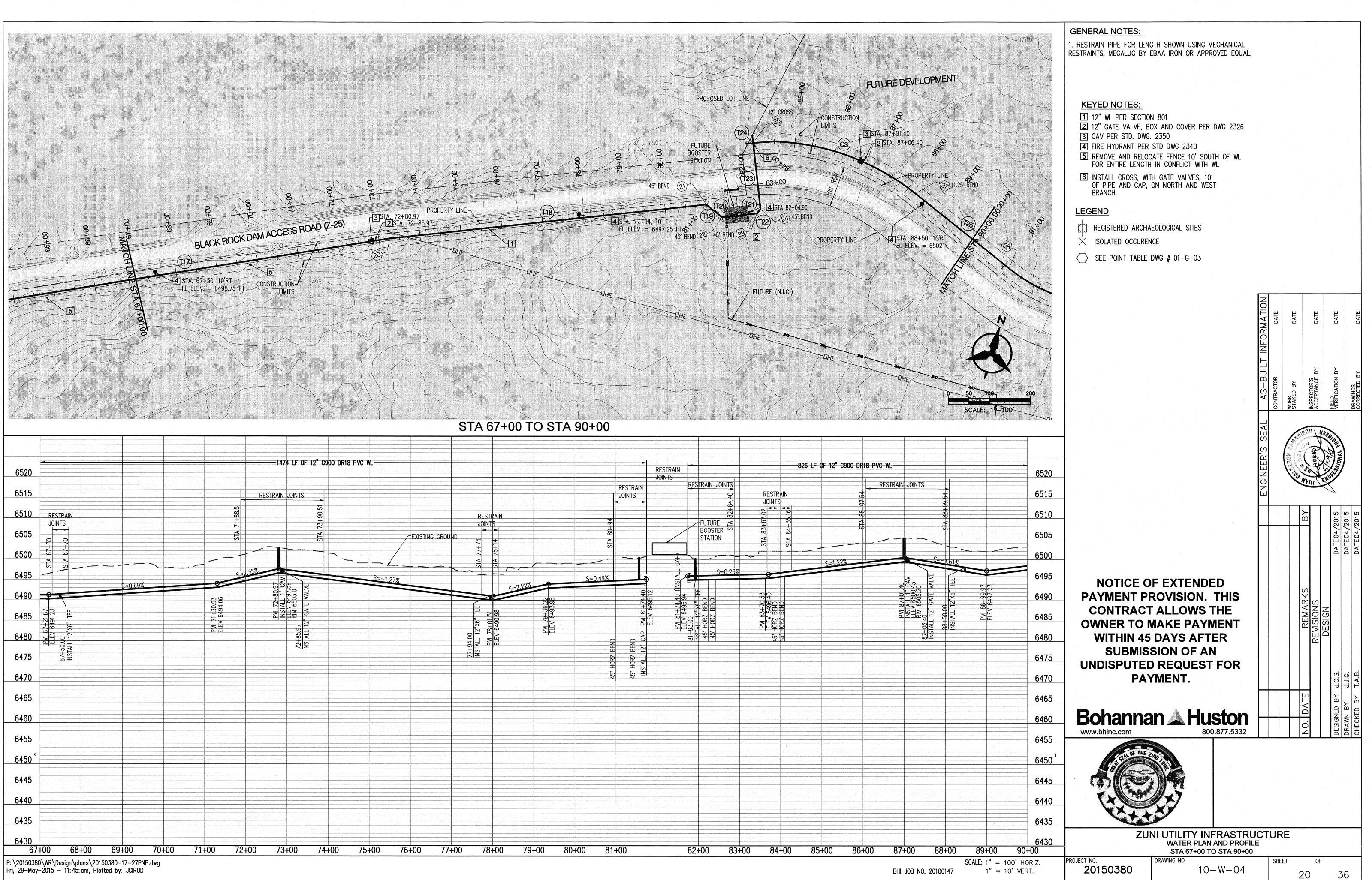
LEGEND

REGISTERED ARCHAEOLOGICAL SITES

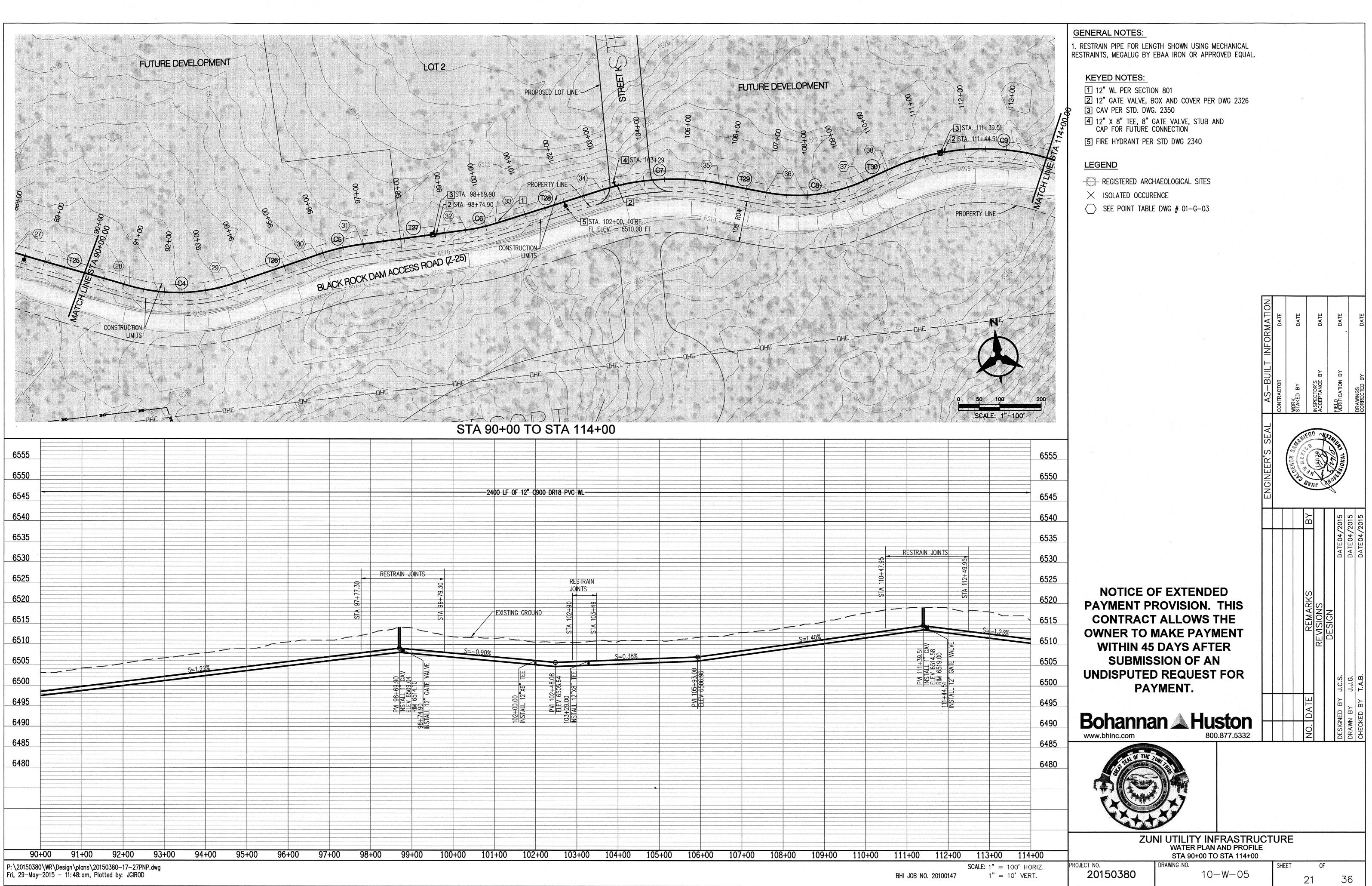
 \times ISOLATED OCCURENCE

SEE POINT TABLE DWG # 01-G-03

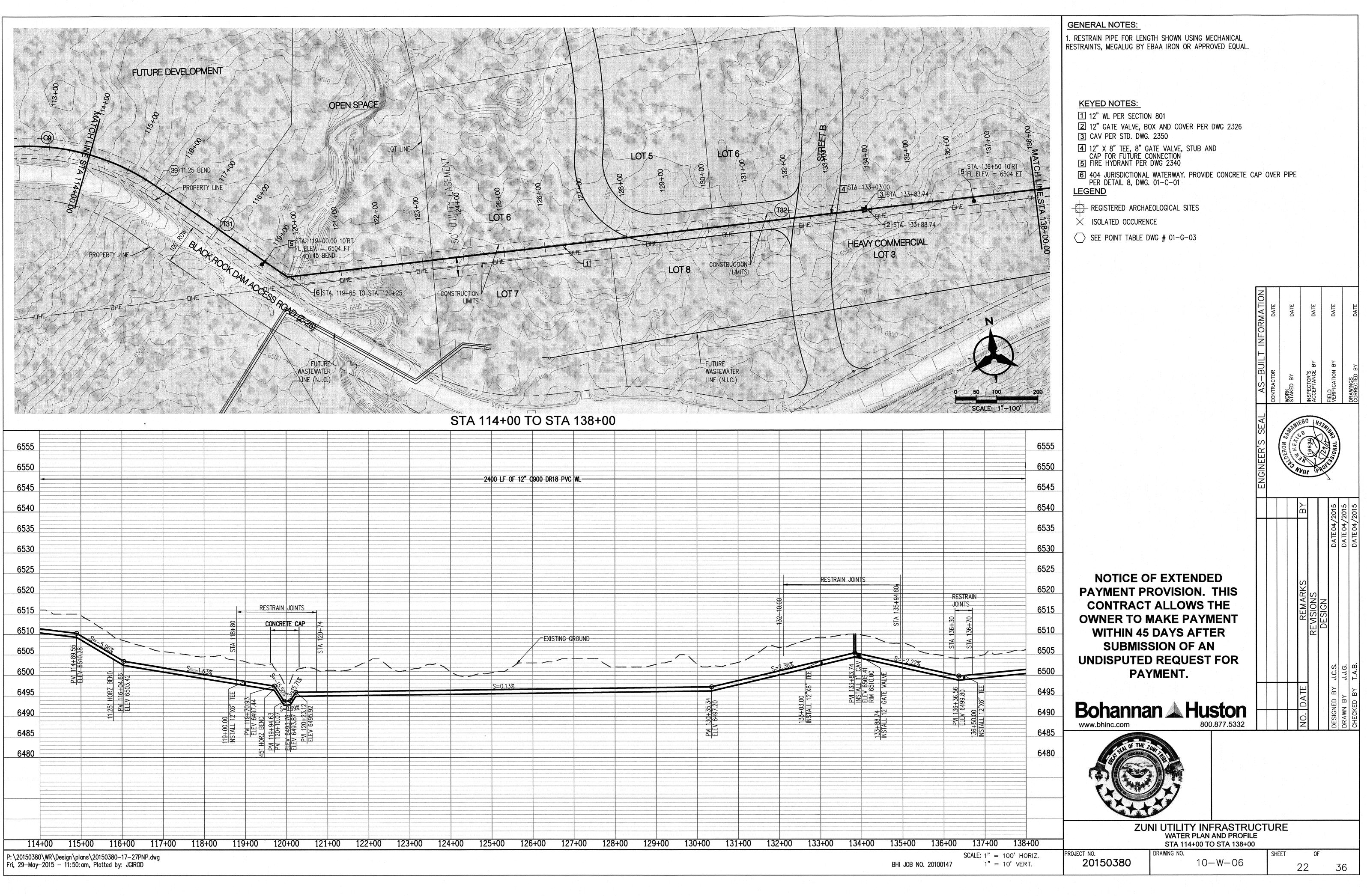




JOINTS JOINTS<

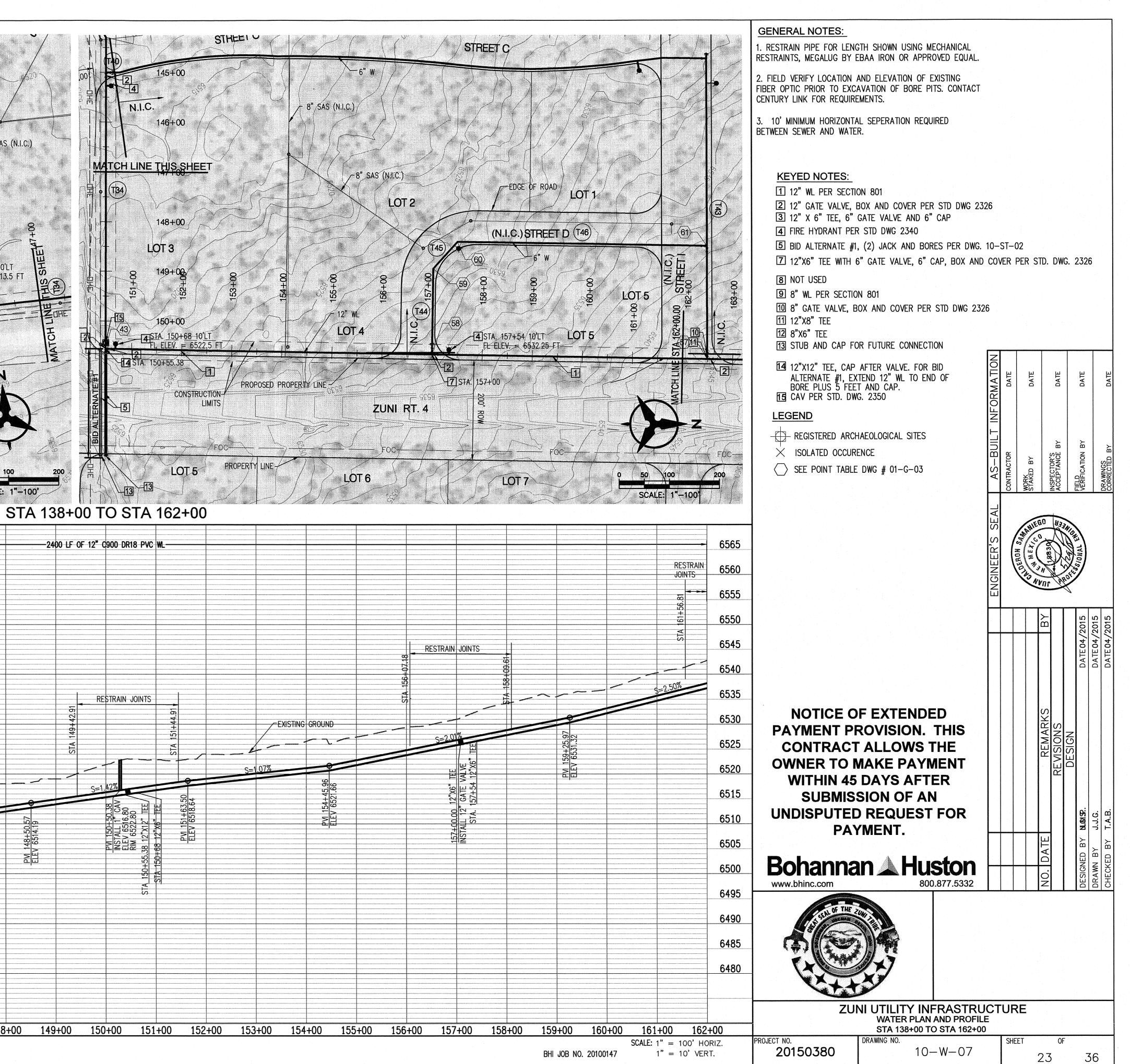


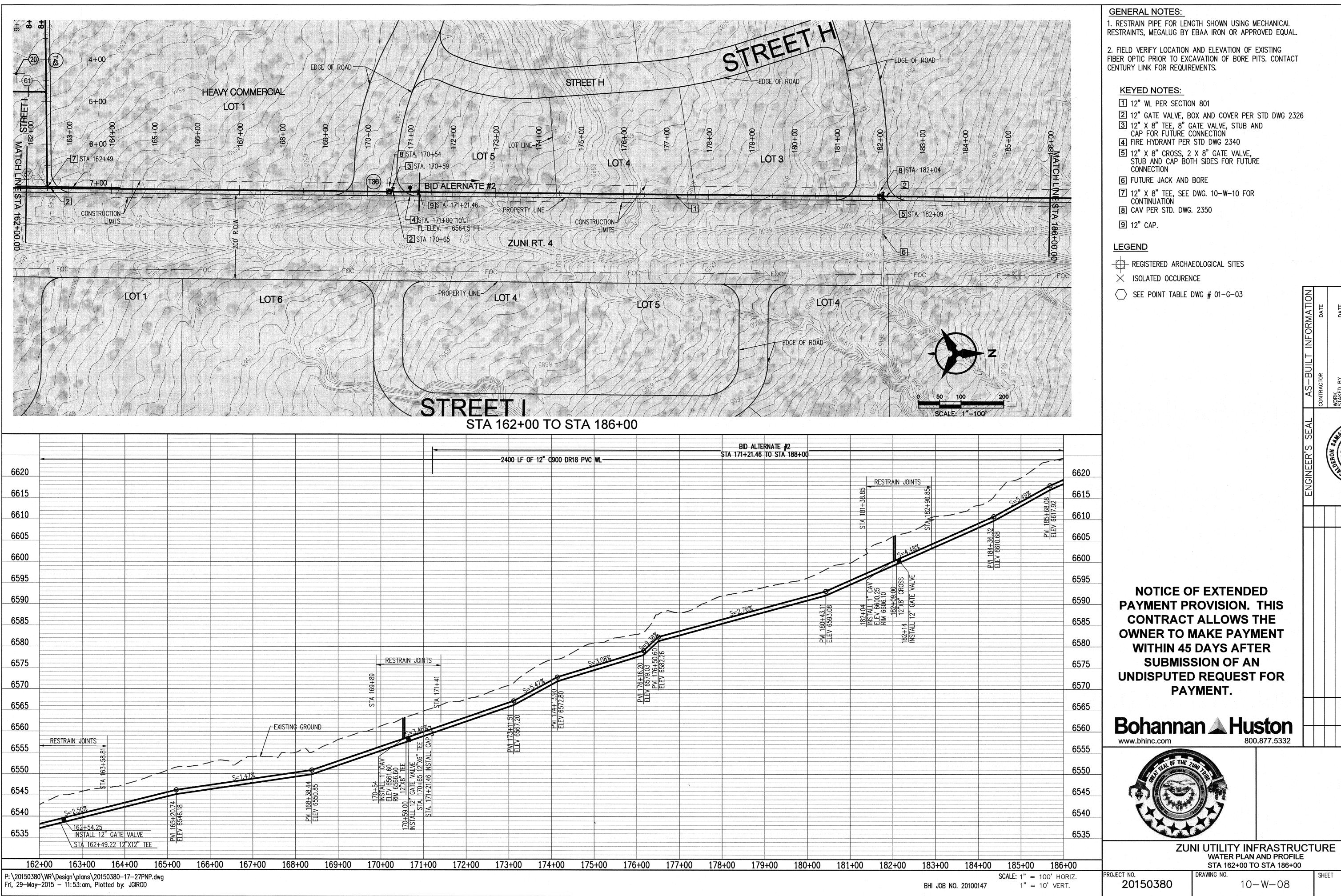
A		NA E T D T O				THE C						IN YXX		-OHE -	
-24	O+OO TC	DOO DR18 PVC											STA 110+47.95	RESTRAIN JO	
S=-0.90%	102+00.00 INSTALL 12"X6" TEE			S=0.38%		PVI 105+93.00 ELEV 6506:96				S=1.40%				PM 111+39.51 INSTALL 1* CAV ELEV 6514.58	111+44.51 INSTALL 12° GATE VALVE
00+00 101	+00 102-	H00 103	+00 10	94+00 1	05+00	106+00	107	+00	108+00) 109	+00	110-	+00 11	1+00	112+00



		5495	AL NIC			-FUTURE WASTEWATH LINE (N.I.C.	R	2 2 2		6500	
ΓΑ ′	^{56bg} 114+00 7	TO STA	138+0)0	7						
	-2400 LF OF 12"	C900 DR18 PVC	WL								
								0000	RESTRAIN JOINT	135+94.60	
		EXISTING G						132+10		/ STA 135	
								2.36%	CAV	S= 22	22
	S=0,13%					4	2	00 12"X8" TEE	PM 133+83.74 INSTALL 11 CAV	ELEV 6505.4 RIM 6510.00 GATE VALVE	
						PVI 130+35.34 ELEV 6497.20		133+03.00 INSTALL 12"		133+88.74 INSTALL 12" G	
	•										
	125+00 12	6+00 127	+00 1	28+00 1	29+00 130)+00 13	1+00 132	2+00 133	+00 134	+00 135+00	0 136

			4				6515		T	3" SAS (N.I.C.)	
136 ¥ 00	131+00 131-00	00+8EI MATCH	HE 139+00	LOT	C	PROPOSEI	54 142+00	STA	. 145+00 8 2.50 BEN	CITED OF CONTRACT OF CONTRACTO OF CONTRACTO OF CONTRACTO OF CONTRACT OF CONTRACTO OF CONTRACT OF CONTRACT OF CONTRACTO OF CONTRACT OF CONTRACTO OF CONTRACTO OF CONTRACTO OF CONTRACTO OF CONTRACTO OF CONTRACT OF CONTRACTO OF CONTRACT OF CONTRACT OF CONTRACT OF CONTRACT OF CONTRACTO OF CO	4355 14357A. 145- FL ELEV. 1 1 1 1 1 1 1 1 1 1 1 1 1
WAST	FUTURE - TEWATER E (N.I.C.)	THE STATION WITH A			HE VSTRUCTION LIMITS	X DAM AGE	ESSPI	OAD 2-25			- 0753 ³
565											
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560 555 550 545 540 535 530 525 520							STA 144+07.60	RESTRAI	N JOINTS		
560 555 555 550 545 540 535 530 525 520 515 510							ST 144+ 07.60	RESTRAI		146109.60	
560 555 550 545 540 535 530 525 520 515 510								18"		\ STA 146109.60	
560 555 550 545 540 535 530 525 520 515		S=0.96%					BEND	BEND SSING		\ STA 146109.60	
560 555 550 545 540 535 530 525 520 515 510 505 500		S=0.96%				2V 1143+17.83	HORZ BEND	HORZ BEND CROSSING	12"X6" TEE	\ STA 146109.60	
560 555 550 545 540 535 530 525 520 515 510 505 500 495		S=0.96%				ELEV 6506.32	BEND	22.50° HORZ BEND 8° SAS CROSSING	145+27 12"X6" TEE .W	\ STA 146109.60	
560 555 550 545 540 535 530 525 520 515 510 505 500 495 490		S=0.96%				ELEV 6506.32	HORZ BEND	22.50° HORZ BEND 8° SAS CROSSING	12"X6" TEE	\ STA 146109.60	
560 555 550 545 540 535 530 525 520 515 510 505		S=0.96%				ELE V 6500.32	HORZ BEND	22.50° HORZ BEND 8° SAS CROSSING	145+27 12"X6" TEE .W	\ STA 146109.60	



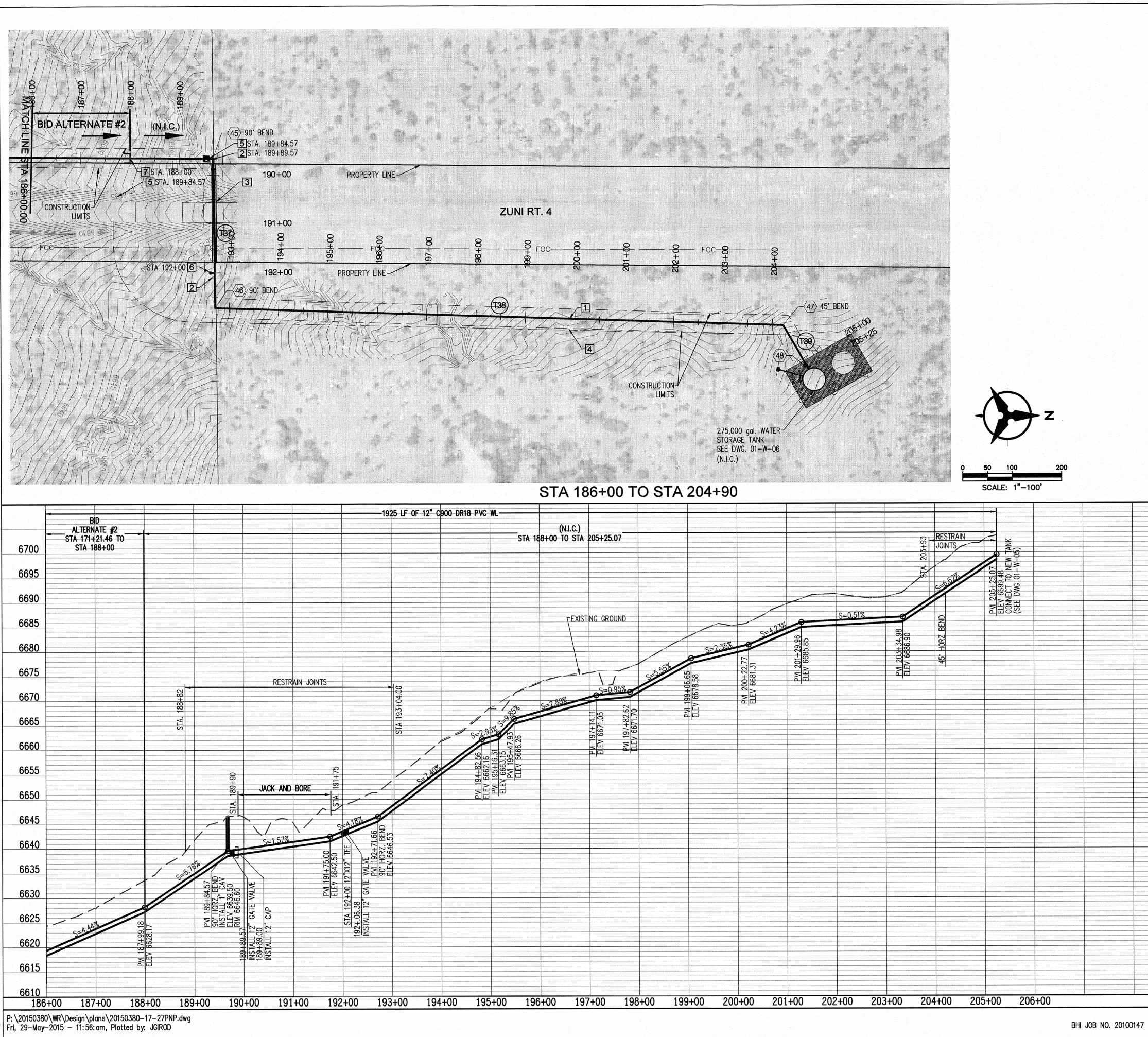


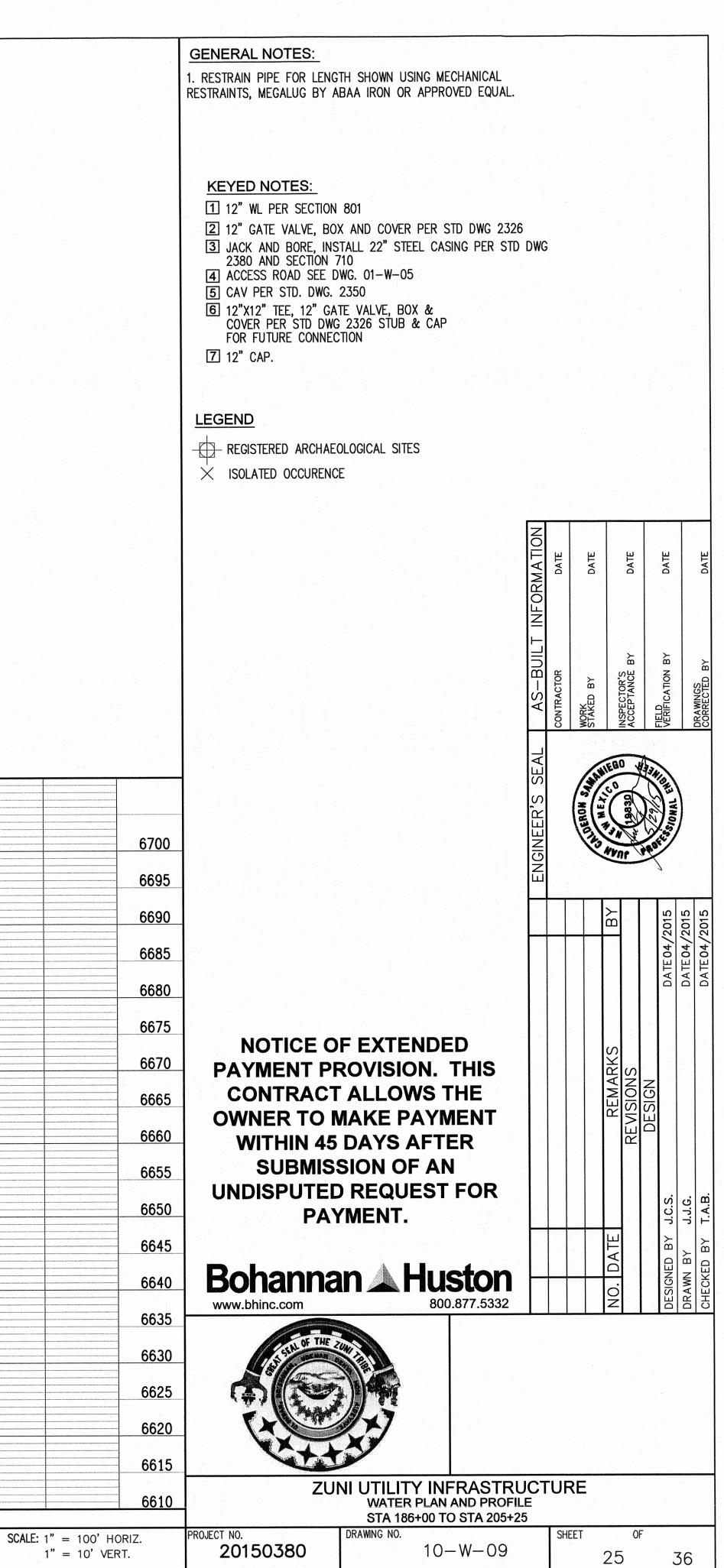
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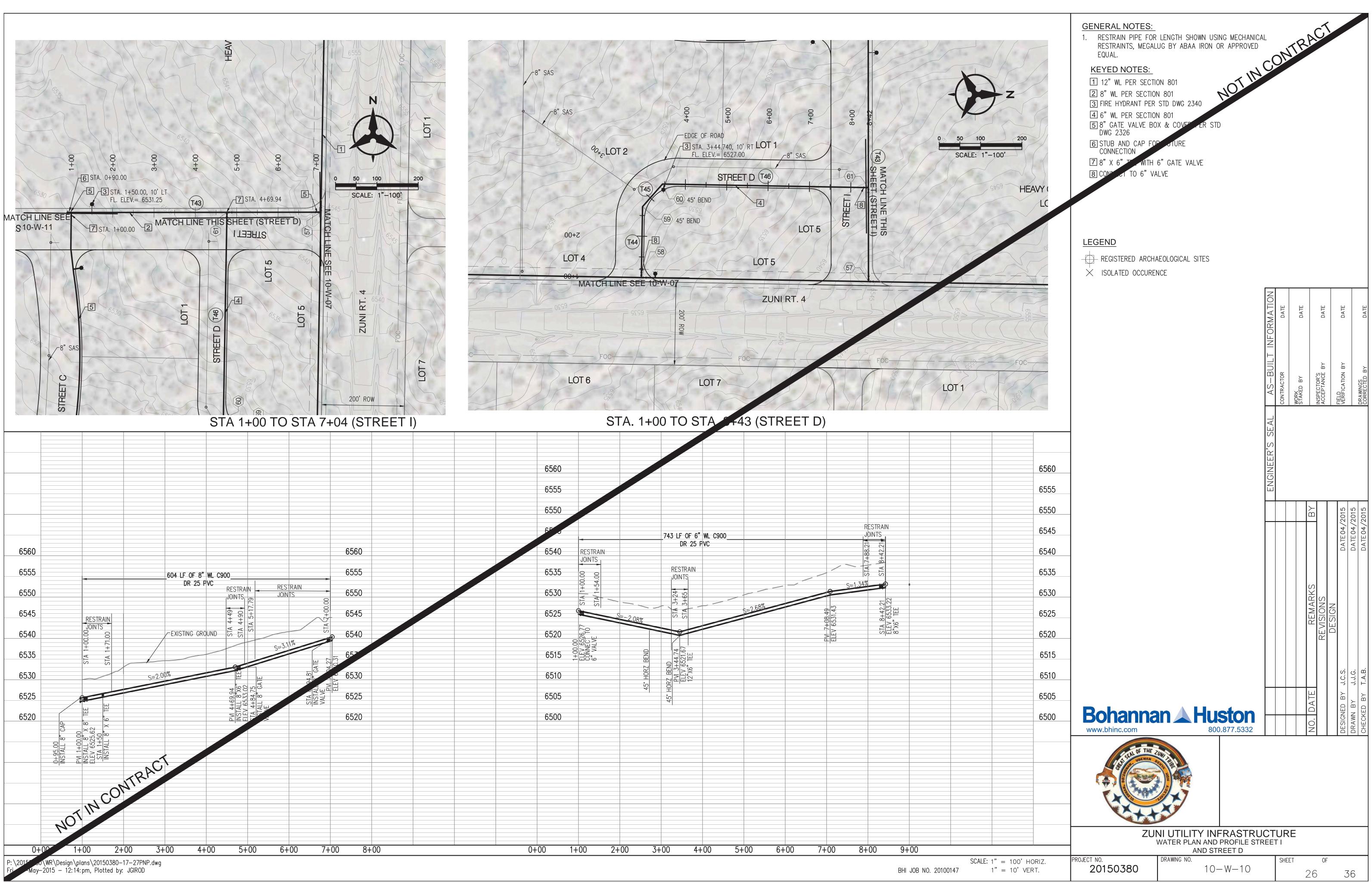
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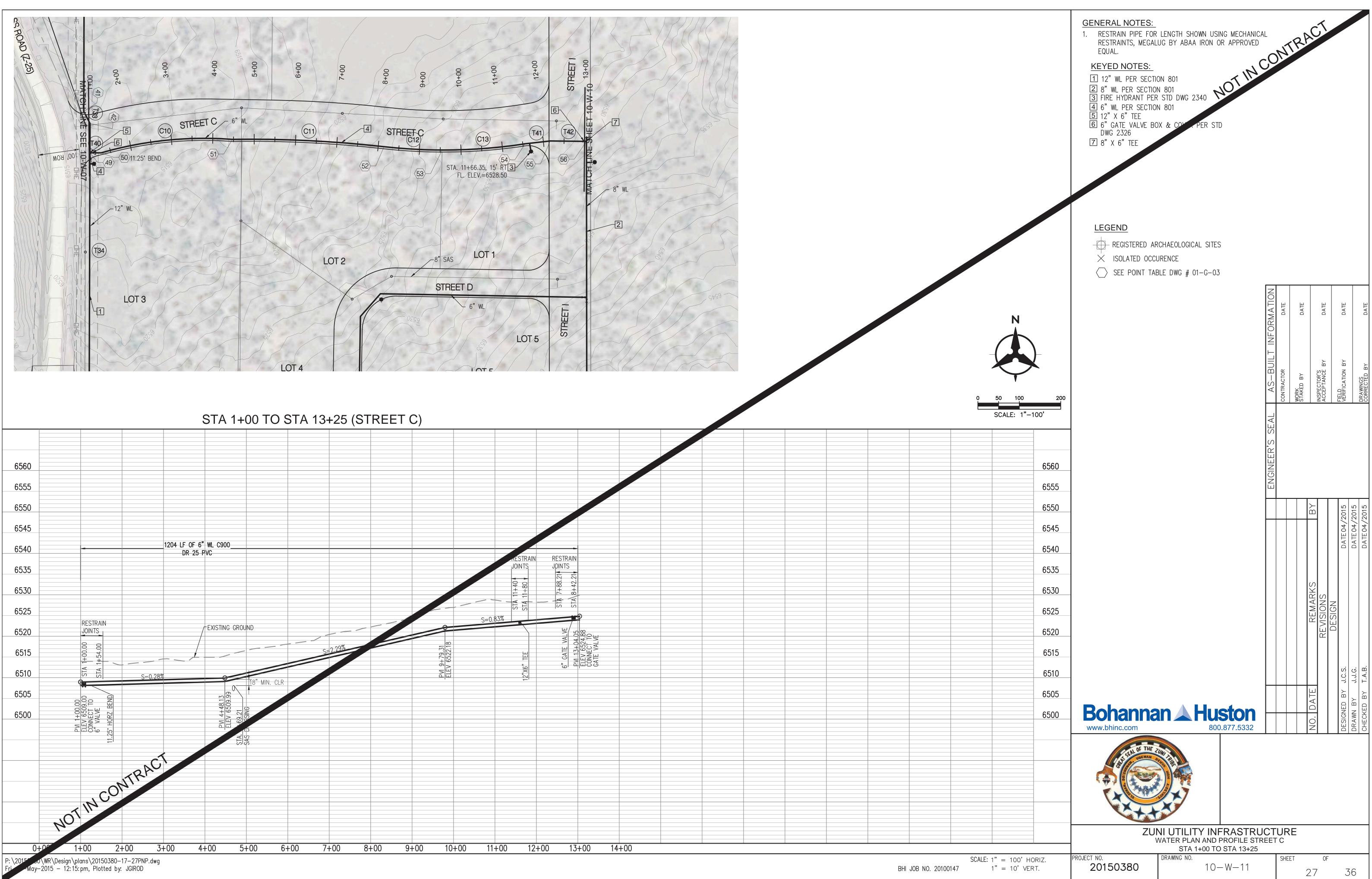
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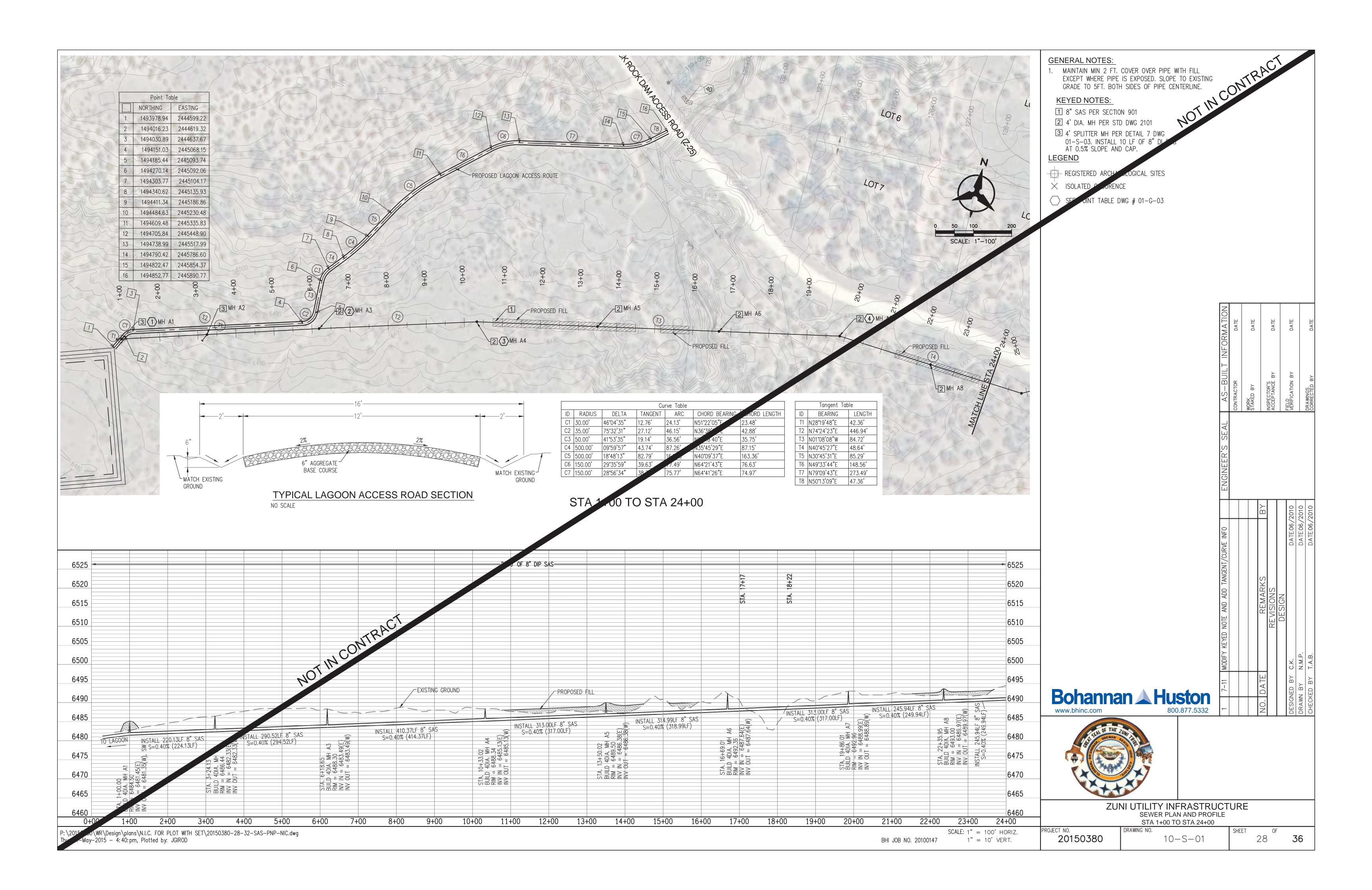
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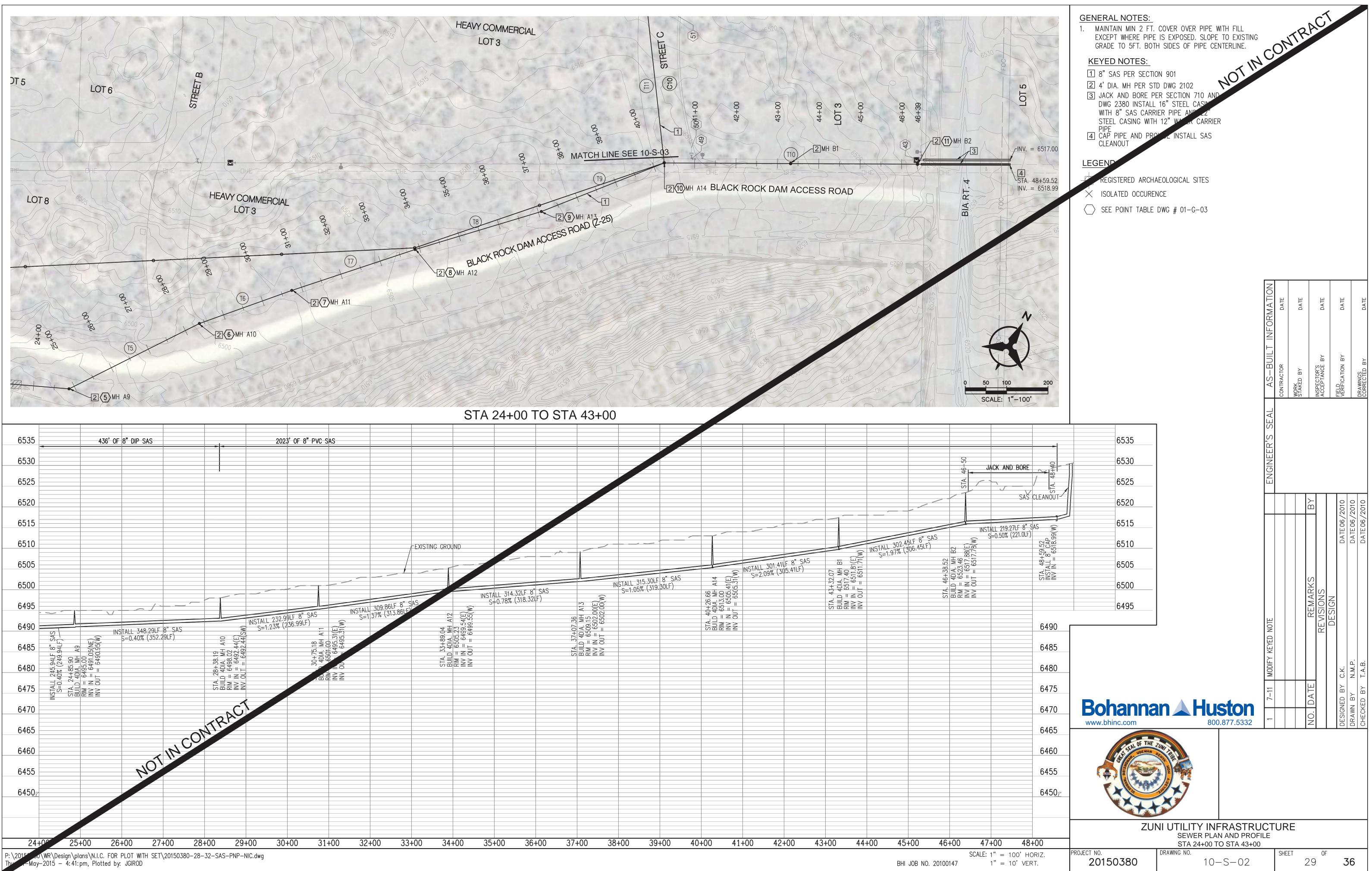


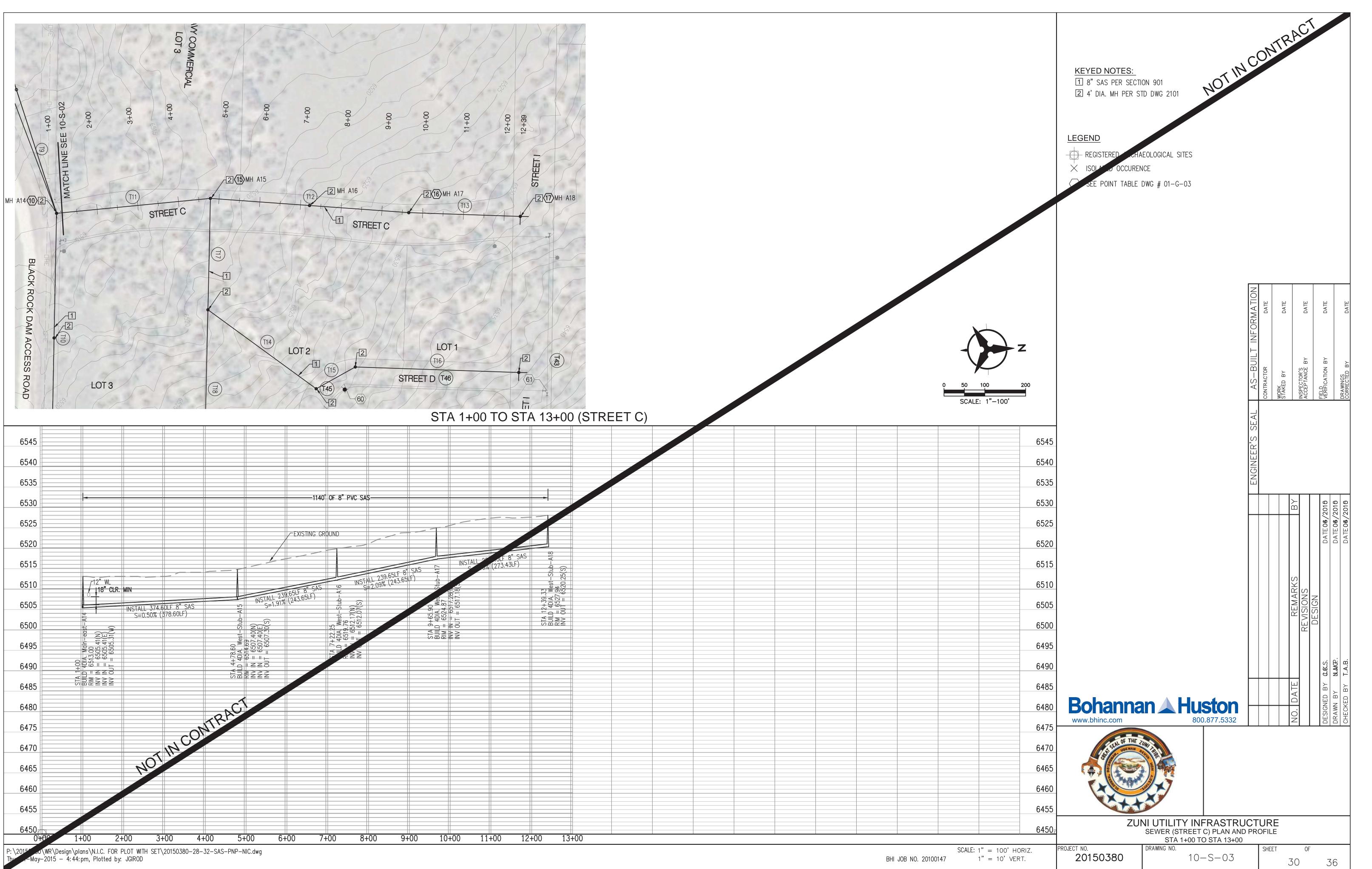


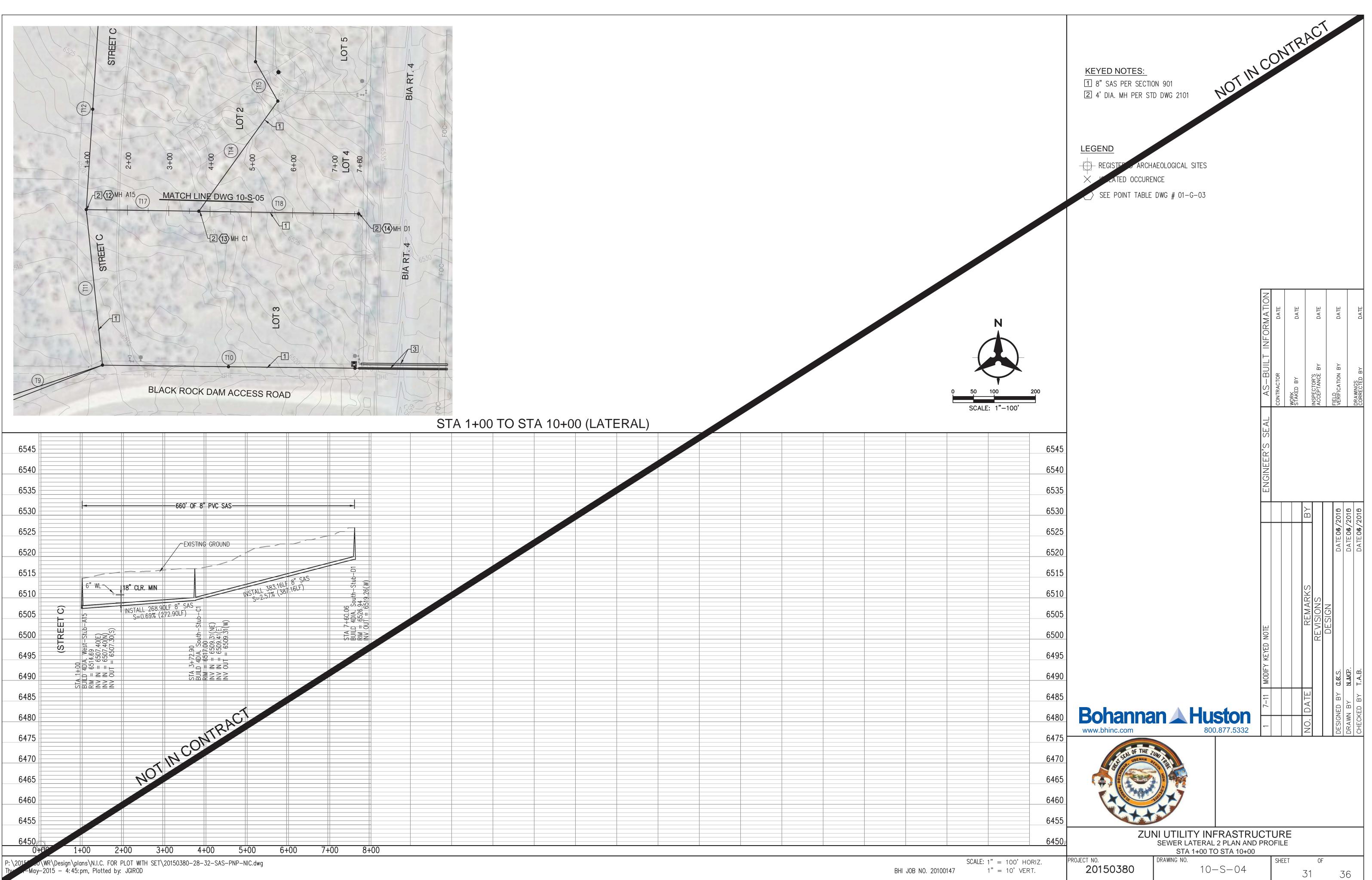


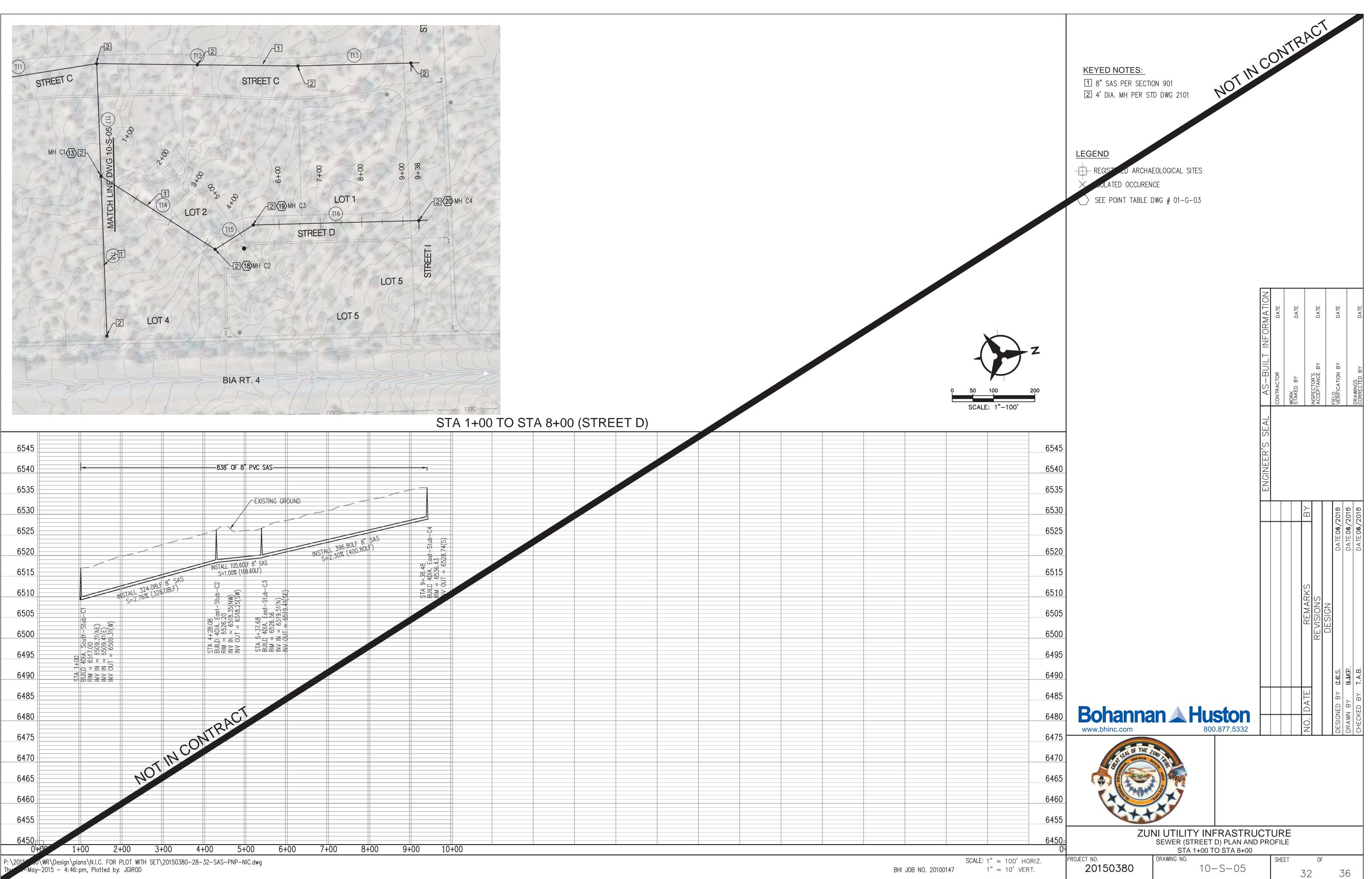


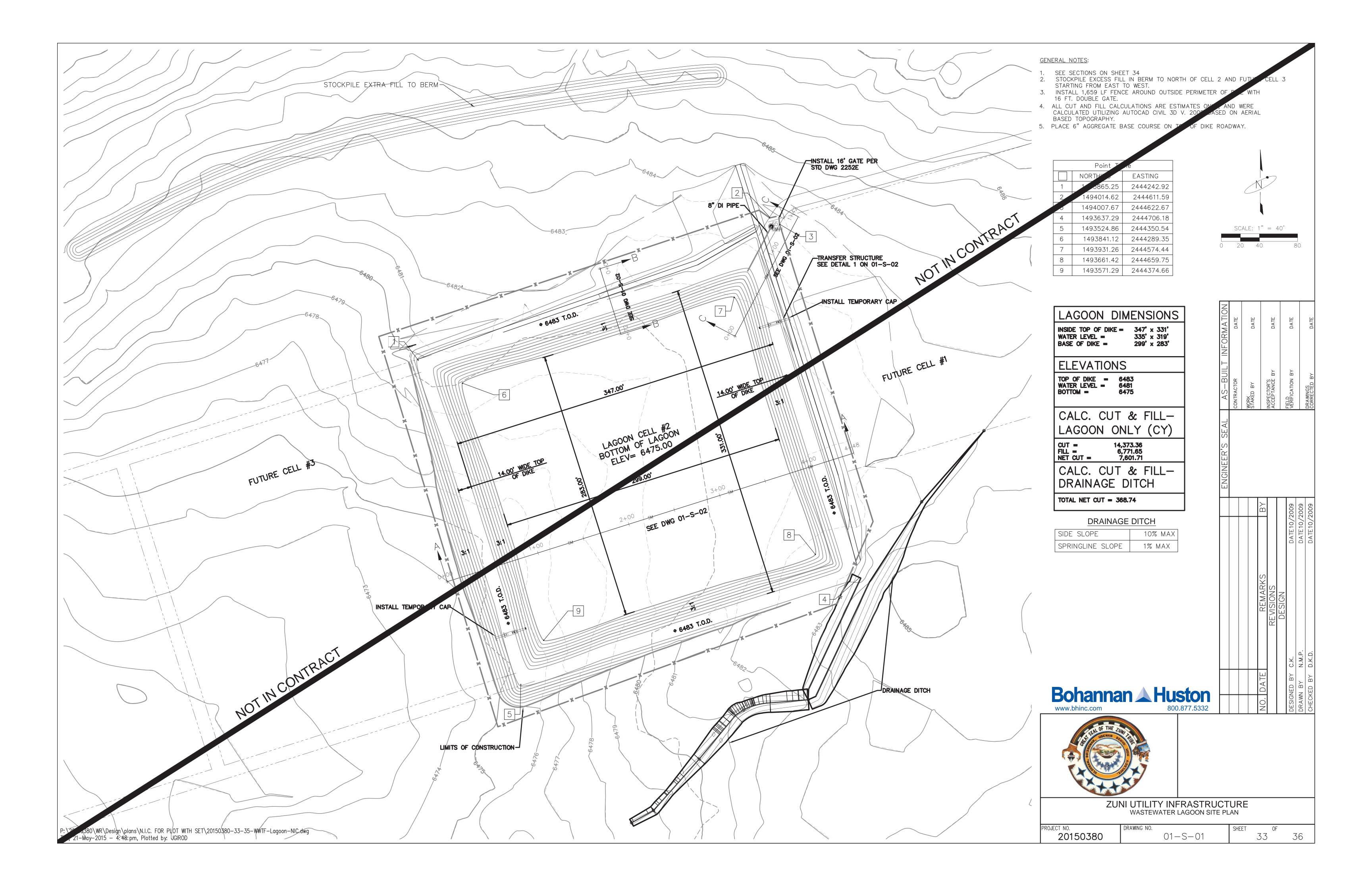


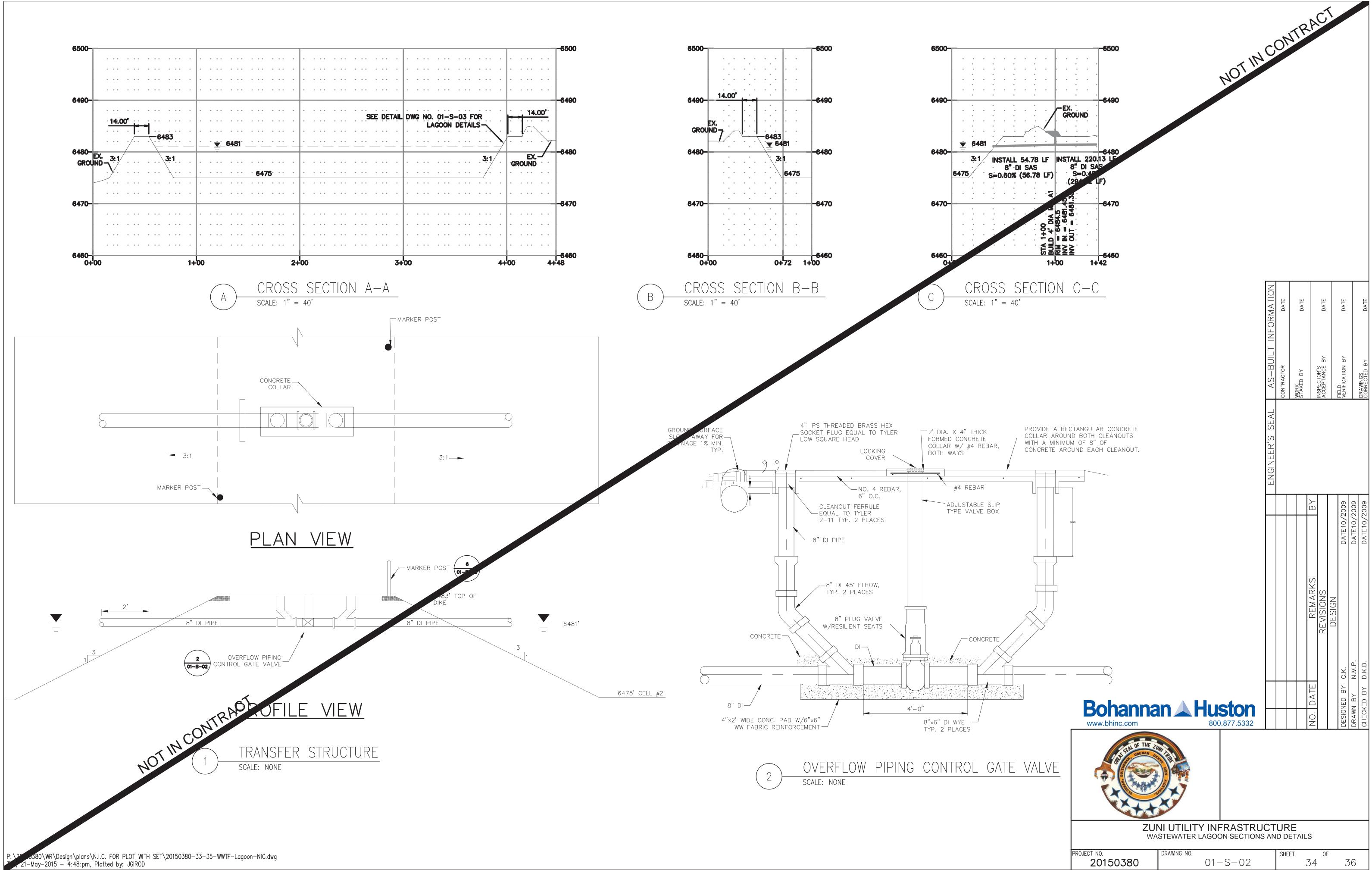


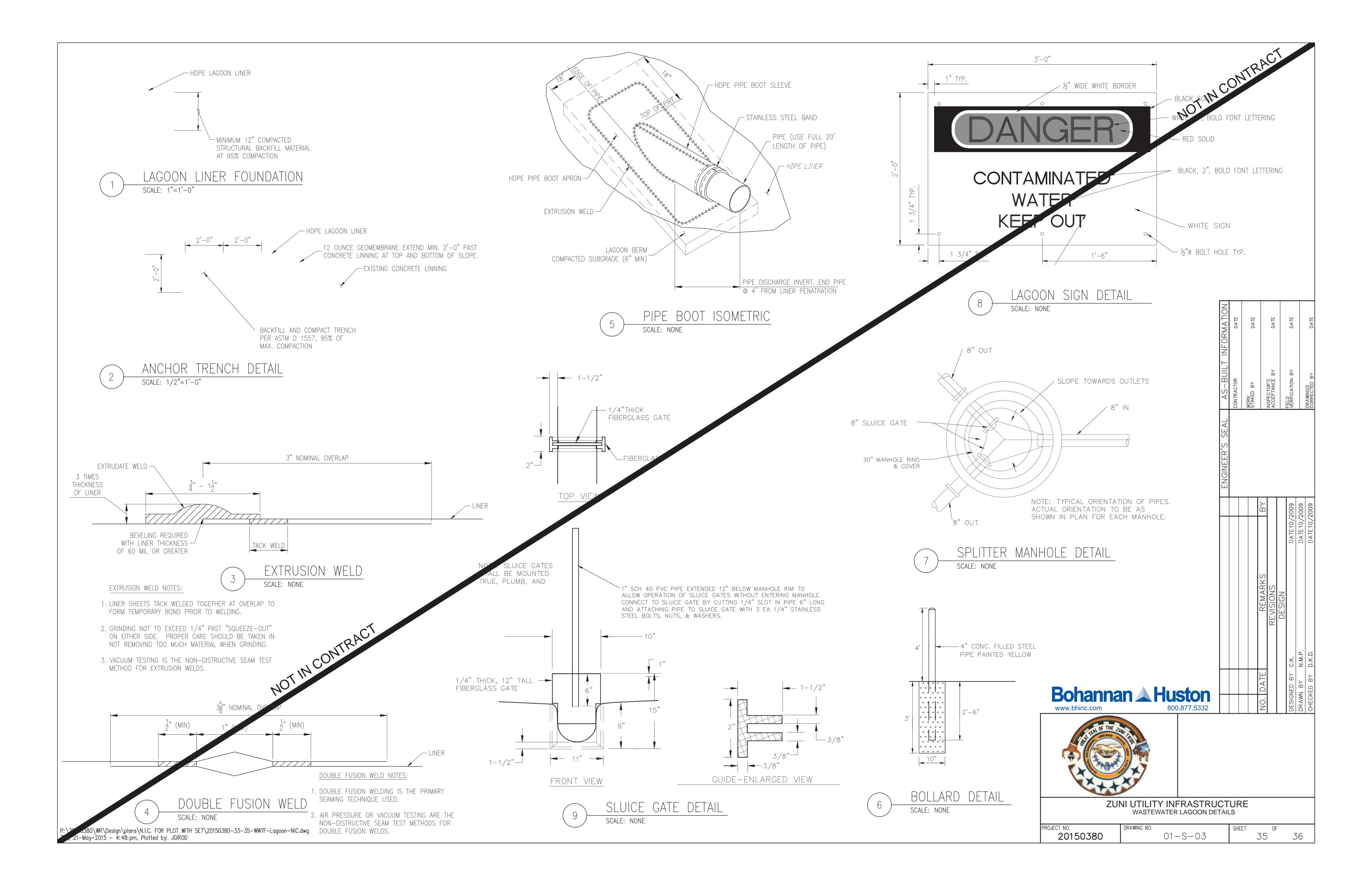


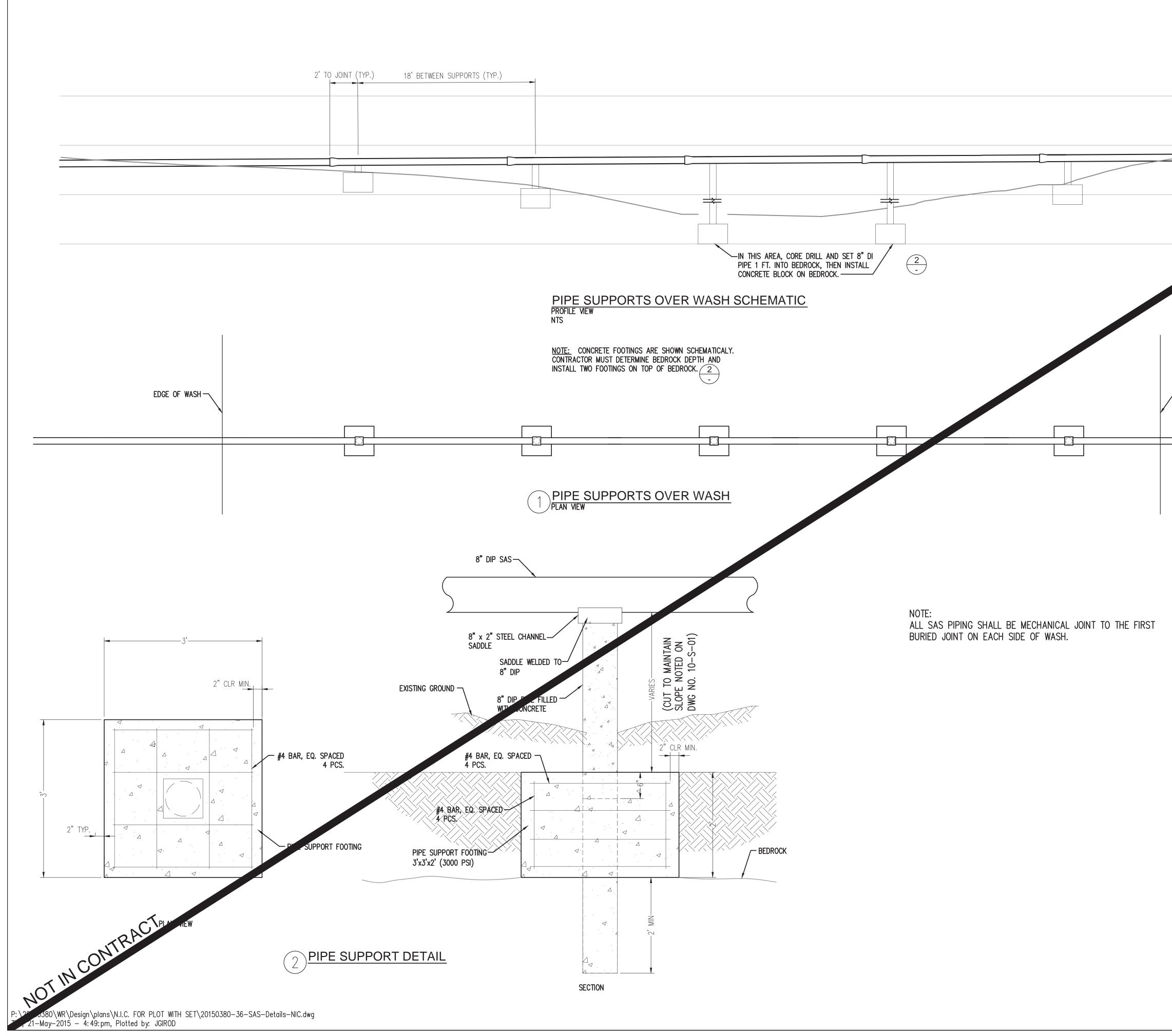












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← EDGE_OF_WASH				INF UKMA IIUN Date	DATE	DATE	DATE	DATE
				AS-BUIL I CONTRACTOR	WORK STAKED BY	INSPECTOR'S ACCEPTANCE BY	FIELD VERIFICATION BY	DRAWINGS CORRECTED BY
			L	ENGINEERS SEAL				
						ISIONS	DATE 06/2010	DATE 06/2010 DATE 06/2010
	Bohanna www.bhinc.com		ston .877.5332			╙║═║	ED BY C.K.	DRAWN BY N.M.P. CHECKED BY T.A.B.
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