

Set No. _____

CITY OF LAMAR

WELL 12 AND 13 REDEVELOPMENT - SCOPE EXTENSION

LAMAR, COLORADO

CONSTRUCTION DOCUMENTS

RECORD DRAWINGS

JULY 2019

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CONTACTS

OWNER:

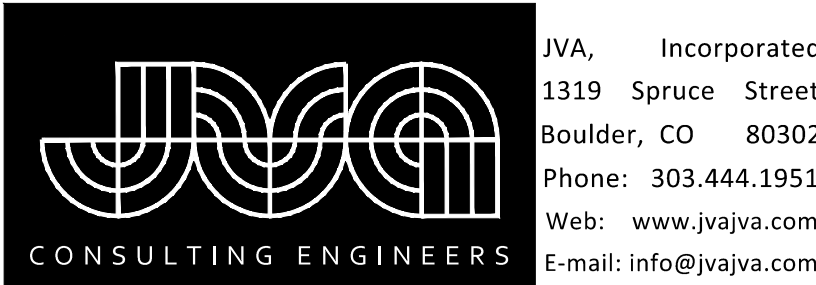
CITY OF LAMAR
102 PARMENTER STREET
LAMAR, CO 81052

ROB BATDORF
(719) 336-2002
ROBBIE.BATDORF@CCLAMAR.CO.US

CIVIL ENGINEER:

JVA, INC
1319 SPRUCE STREET
BOULDER, CO 80302

ANDREW SPARN, P.E.
(303) 444-1951
ASPARN@JVAJVA.COM



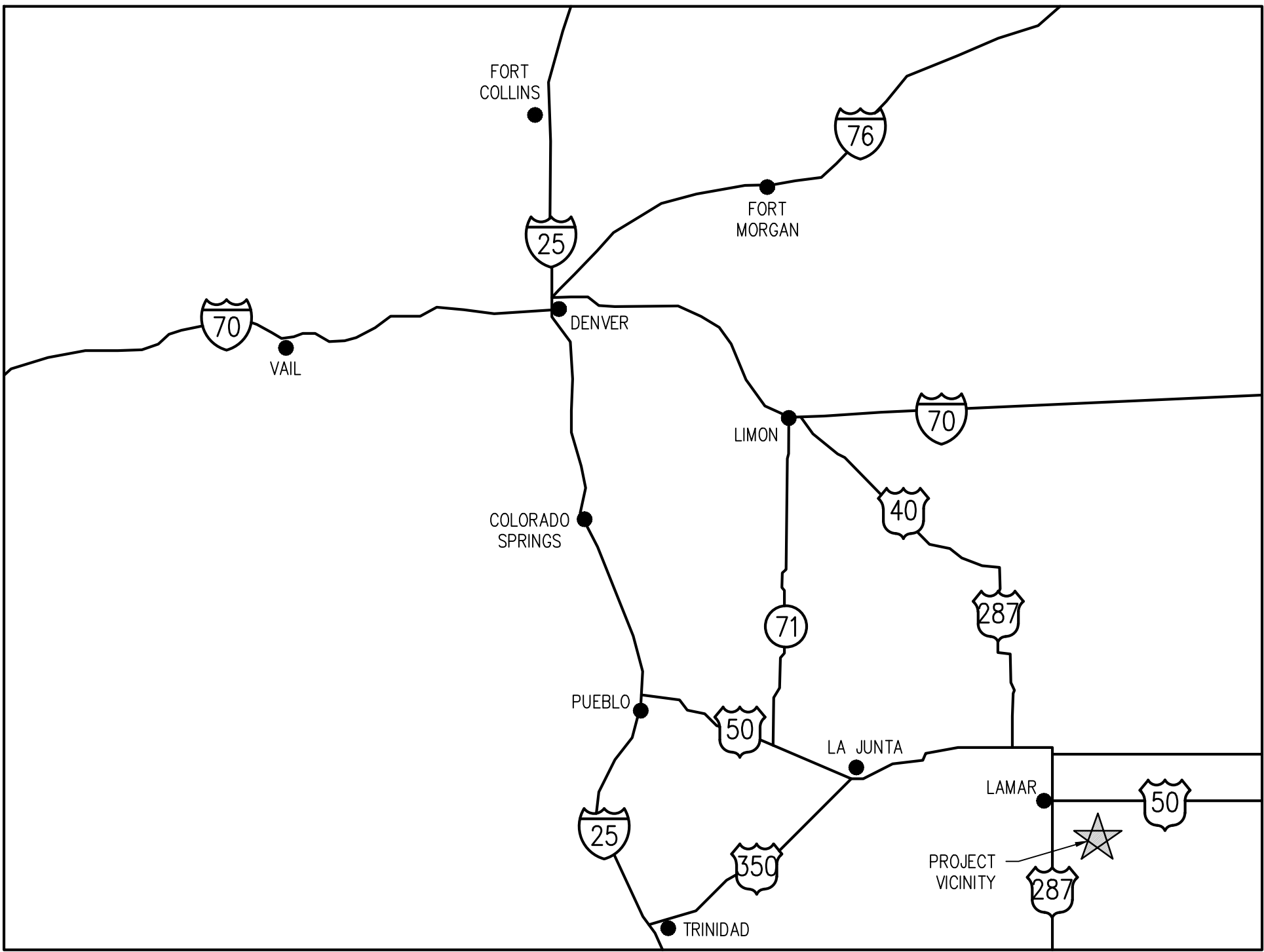
FEBRUARY 2019

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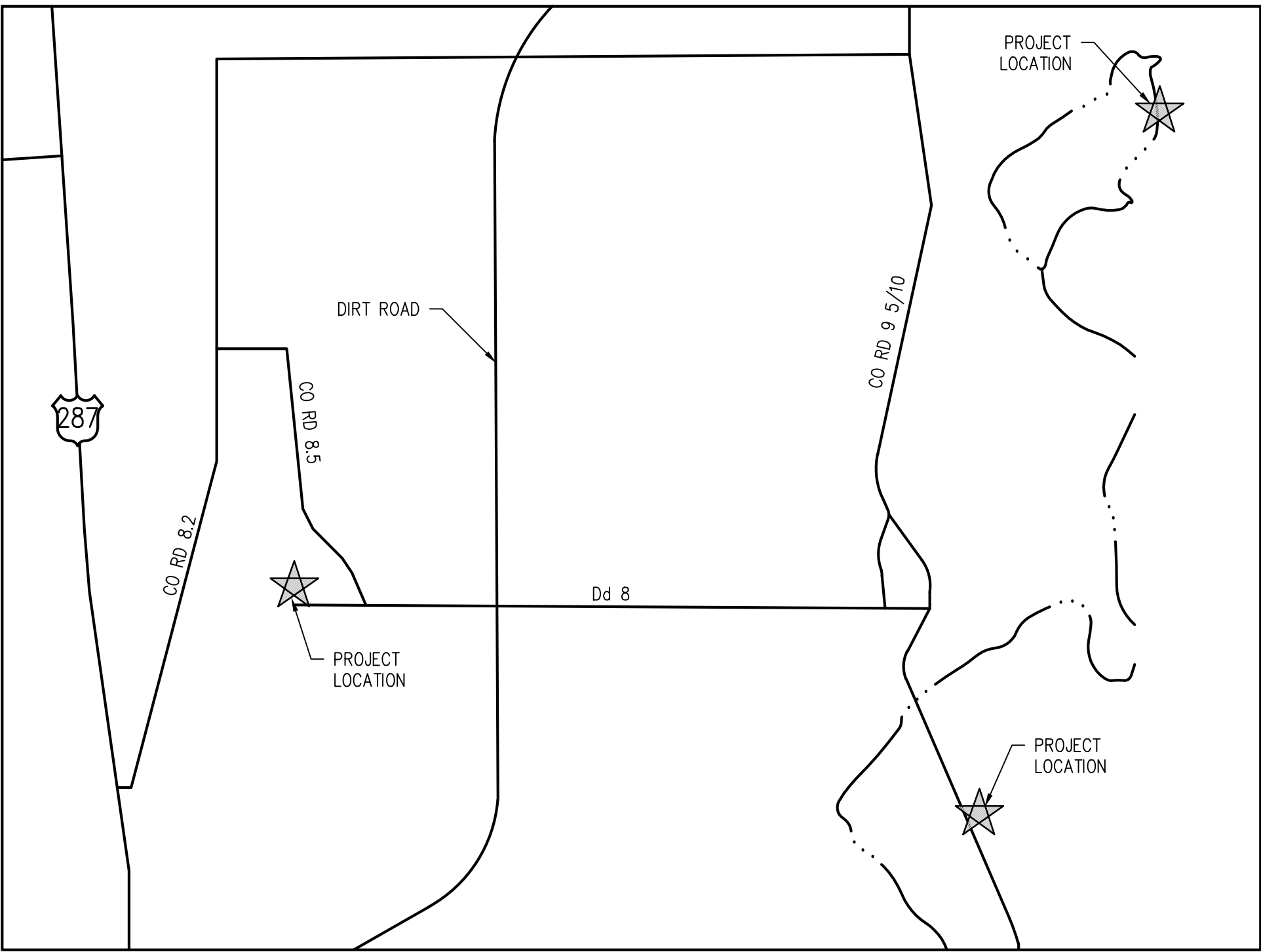
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VICINITY MAP
NTS



PROJECT LOCATION MAP
NTS

ABBREVIATIONS

AASHTO	AMERICAN ASSOC. OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS	INCL	INCLUDED
ABAN	ABANDON	ID	INSIDE DIAMETER
AC	ASPHALTIC CONCRETE PAVING	IN	INLET
ADDL	ADDITIONAL	INSUL	INSULATION
ADDM	ADDENDUM	INV	INVERT
ADJ	ADJUSTABLE	IRR	IRRIGATION
AL	ALUMINUM	JTS	JOINTS
ALT	ALTERNATE		
AMT	AMOUNT	KB	KICKBLOCK
APPROX	APPROXIMATE	KO	KNOCKOUT
ARCH	ARCHITECT(URAL)	KPL	KICK PLATE
ARV	AIR RELIEF VALVE	KWY	KEYWAY
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS		
ASPH	ASPHALT	L	LEFT OR LITER
ASSY	ASSEMBLY	LSCAPE	LANDSCAPE(ING)
ASYM	ASYMMETRICAL	LF	LINEAR FOOT
AUTO	AUTOMATIC	LP	LOW PRESSURE OR LIGHT POLE
AVG	AVERAGE	LT	LIGHT
AWWA	AMERICAN WATER WORKS ASSOC.	LWL	LOW WATER LEVEL
BC	BACK OF CURB	MAINT	MAINTENANCE
BFV	BUTTERFLY VALVE	MAN	MANUAL
BLDG	BUILDING	MATL	MATERIAL
BLK	BLOCK	MAX	MAXIMUM
BM	BENCH MARK	MECH	MECHANICAL
BMP	BEST MANAGEMENT PRACTICE	MFR	MANUFACTURER
BS	BACKSIGHT	MH	MANHOLE
BOT	BOTTOM	MIN	MINIMUM
BSMT	BASEMENT	MISC	MISCELLANEOUS
BVCE	BEGIN VERTICAL CURVE ELEVATION	MJ	MECHANICAL JOINT
BVCS	BEGIN VERTICAL CURVE STATION		
BW	BOTTOM OF WALL	NA	NORTH
		N	NOT APPLICABLE
CB	CATCH BASIN	NIC	NOT IN CONTRACT
CCW	COUNTER CLOCKWISE	NPT	NATIONAL PIPE THREAD
CDOT	COLORADO DEPARTMENT OF TRANSPORTATION	NTS	NOT TO SCALE
CIP	CAST IRON PIPE		
CJ	CONSTRUCTION JOINT	OC	ON CENTER
CL	CENTER LINE OR CHAIN LINK	OD	OUTSIDE DIAMETER
CLR	CLEAR	OPP	OPPOSITE
CMP	CORRUGATED METAL PIPE	OPT	OPTIONAL
CMU	CONCRETE MASONRY UNIT		
CO	CLEANOUT	PC	POINT OF CURVATURE
CONC	CONCRETE	PCO	PRESSURE CLEAN OUT
CONST	CONSTRUCTION	PCR	POINT OF CURVE RETURN
CONT	CONTINUOUS(ATION)	PI	POINT OF INTERSECTION
COR	CORNER	PVI	POINT OF VERTICAL INTERSECTION
CR	CONCENTRIC REDUCER	PL	PROPERTY LINE
CTR	CENTER	PE	POLYETHYLENE
CY	CUBIC YARDS	PREFAB	PREFABRICATED
		PRELIM	PRELIMINARY
DEMO	DEMOLITION	PREP	PREPARATION
DIA	DIAMETER	PROP	PROPOSED
DIAG	DIAGONAL	PRV	PRESSURE REDUCING VALVE OR PRESSURE RELIEF VALVE
DIP	DUCTILE IRON PIPE	PSF	POUNDS PER SQUARE FOOT
DOM	DOMESTIC	PSI	POUNDS PER SQUARE INCH
DN	DOWN	PT	POINT OF TANGENCY
DR	DRAIN	PV	PLUG VALVE
DWG	DRAWING	PVC	POLYVINYL CHLORIDE OR POINT OF VERTICAL CURVATURE
DWL	DOWEL	PVMT	PAVEMENT
E	EAST	QTY	QUANTITY
EA	EACH		
ECC	ECCENTRIC	R	RIGHT
EJ	EXPANSION JT	RD	RADIUS
EL	ELEVATION	RCP	REINFORCED CONCRETE PIPE
ELB	ELBOW	RD	ROOF DRAIN
ELEC	ELECTRICAL	RE	REFERENCE
ENGR	ENGINEER	RECT	RECTANGULAR
EOP	EDGE OF PAVEMENT	REINF	REINFORCE (D) (ING) (MENT)
EQ	EQUAL	REQD	REQUIRED
EQUIP	EQUIPMENT	ROW	RIGHT OF WAY
EQUIV	EQUIVALENT		
ESMT	EASEMENT	SAN	SANITARY
EST	ESTIMATE	SD	STORM DRAIN
EVCE	END VERTICAL CURVE ELEVATION	SECT	SECTION
EVCS	END VERTICAL CURVE STATION	SPD	STANDARD PROCTOR DENSITY
EW	EACH WAY	SPEC	SPECIFICATION
EXP JT	EXPANSION JOINT	SQ	SQUARE
EXIST	EXISTING	SQ IN	SQUARE INCH
		SQ FT	SQUARE FOOT
FND	FOUNDATION	SQ YD	SQUARE YARD
FES	FLARED END SECTION	SS	SANITARY SEWER
FF	FINISH FLOOR	SST	STAINLESS STEEL
FG	FINISH GRADE	STA	STATION
FH	FIRE HYDRANT	STD	STANDARD
FL	FLOW LINE	STL	STEEL
FN	FENCE	STRUCT	STRUCTURAL
FOC	FACE OF CONCRETE	SWMP	STORMWATER MANAGEMENT PLAN
FFM	FEET PER MINUTE	SYM	SYMMETRICAL
FFS	FEET PER SECOND		
FT	FEET	TB	THRUST BLOCK
FTG	FOOTING OR FITTING	TBC	TOP BACK OF CURB
		TBM	TEMPORARY BENCH MARK
G	GAS	TEMP	TEMPORARY
GA	GAUGE	THK	THICK
GAL	GALLON	TOB	TOP OF BANK
GALV	GALVANIZED	TOC	TOP OF CONCRETE OR TOP OF CURB
GCO	GRADE CLEANOUT	TOT	TOTAL
GIP	GALVANIZED IRON PIPE	TW	TOP OF WALL
GND	GROUND	TYP	TYPICAL
GPD	GALLONS PER DAY		
GPM	GALLONS PER MINUTE	UBC	UNIFORM BUILDING CODE
GRTG	GRATING	UGE	UNDERGROUND ELECTRIC
GSP	GALVANIZED STEEL PIPE	UTIL	UTILITY
GV	GATE VALVE		
		VERT	VERTICAL
H	HIGH	VC	POINT OF VERTICAL CURVATURE
HB	HOSE BIB	VCP	VITRIFIED CLAY PIPE
HE	HORIZONTAL ELLIPTICAL		
HDWL	HEADWALL	W	WDE OR WIDTH
HNDRL	HAND RAIL	W/	WITH
HORIZ	HORIZONTAL	W/O	WITHOUT
HP	HIGH POINT	WQCE	WATER QUALITY CONTROL ELEVATION
HR	HOUR	WSE	WATER SURFACE ELEVATION
HVAC	HEATING, VENTILATION, AIR CONDITIONING	WW	WASTEWATER
HWY	HIGHWAY		
HWL	HIGH WATER LINE	X SECT	CROSS SECTION
HYD	HYDRANT	YH	YARD HYDRANT

PVC PIPE NOTES:

- PVC PRESSURE PIPE
 - 4-INCH TO 12-INCH PVC PIPE SHALL CONFORM TO AWWA C900 PVC PRESSURE PIPE ANSI/NSF-61 UNLESS NOTED OTHERWISE ON DRAWINGS
 - MANUFACTURERS:
 - JM EAGLE, NORTH AMERICAN PIPE CORP., OR ACCEPTED SUBSTITUTION
 - PIPE SHALL BE DR 18 WITH A 235 PSI WORKING PRESSURE
- JOINTS: ASTM D3139, INTEGRAL BELL OR MECHANICAL JOINT
 - PUSH-ON JOINTS: PIPE TO PIPE JOINTS. PUSH-ON JOINTS ARE NOT PERMITTED ON FITTINGS OR VALVES
 - INTEGRAL BELL TYPE WITH ELASTOMERIC GASKETS, ASTM F477 FACTORY INSTALLED
 - SUITABLE FOR BURIED SERVICE
 - GASKETS: SUITABLE FOR POTABLE WATER CONFORMING TO AWWA C111
 - MECHANICAL JOINT RESTRAINT
 - PROVIDE MECHANICAL JOINT RESTRAINTS FOR ALL DUCTILE IRON FITTINGS CONNECTING TO PVC PIPE
 - PRESSURE RATING CONSISTENT WITH PIPE PRESSURE RATING
 - MANUFACTURER: EBAA IRON, ROMAC, OR ACCEPTED SUBSTITUTION
- FITTINGS:
 - 3-INCH TO 24-INCH MECHANICAL JOINT DUCTILE IRON FITTINGS SHALL BE PRODUCED IN ACCORDANCE WITH ALL APPLICABLE TERMS AND PROVISIONS OF ANSI/AWWA C153/A21.53 AND ANSI/AWWA C111/A21.11
- COUPLINGS:
 - MECHANICAL COUPLINGS:
 - DRESSER STYLE 38, ROCKWELL 411, OR ACCEPTED SUBSTITUTION
 - TRANSITION COUPLINGS:
 - DRESSER STYLE 39, ROCKWELL 415, OR ACCEPTED SUBSTITUTION

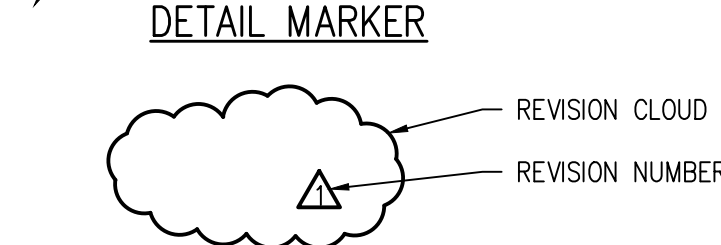
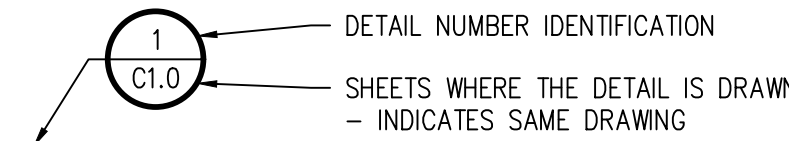
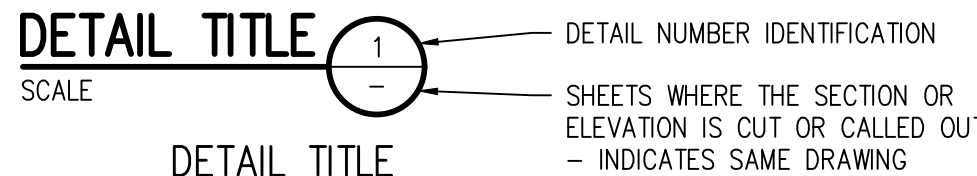
INSTALLATION NOTES:

- GENERAL
 - PROTECT EXISTING UTILITIES AND STRUCTURES
- PREPARATION
 - SHAPE TRENCH AND PLACE BEDDING AS SHOWN ON THE DRAWINGS
 - PROVIDE UNIFORM AND CONTINUOUS BEARING AND SUPPORT FOR FULL LENGTH OF PIPE
 - EXCEPT AS INDICATED ON DRAWINGS, LAY ALL PIPE STRAIGHT AND AT A UNIFORM GRADE
 - PLACE BEDDING MATERIAL AT TRENCH BOTTOM. LEVEL FILL MATERIALS IN ONE CONTINUOUS LAYER NOT EXCEEDING 6 INCHES COMPACTED DEPTH, COMPACT TO 95 PERCENT.
- PIPE INSTALLATION
 - INSTALL PVC PIPE IN ACCORDANCE WITH AWWA M23 AND AWWA C605
 - INSTALL DUCTILE IRON PIPE IN ACCORDANCE WITH AWWA C600
 - INSTALL DUCTILE IRON FITTINGS IN ACCORDANCE WITH AWWA M41
 - MAINTAIN MINIMUM 4-FOOT BURY TO TOP OF PIPE DEPTH FOR ALL WATER LINES UNLESS OTHERWISE NOTED ON DRAWINGS
 - BACKFILL AND COMPACTION REQUIREMENTS:
 - WITHIN AREAS OF RIGHT-OF-WAY OR ROADS: COMPACTION OF TRENCHES SHALL MEET 95% OF MAXIMUM DENSITY (AASHTO T-99) WITHIN +/- 2% OF OPTIMUM MOISTURE CONTENT
 - WITHIN OTHER: COMPACTION OF TRENCHES SHALL MEET 90% OF MAXIMUM DENSITY (AASHTO T-99) WITHIN +/- 2% OF OPTIMUM MOISTURE CONTENT
 - INSTALL TRACE WIRE CONTINUOUS OVER TOP OF PIPE. TRACER WIRE SHALL BE TYPE THHN, AWG SIZE #12, UL LISTED WITH A SINGLE COPPER CONDUCTOR, PVC INSULATION, AND NYLON JACKET. TEST STATIONS AT POST HYDRANTS SHALL BE CP TEST SERVICES, GLENN SERIES GLENN-4 WITH LOOKING LID, OR ACCEPTED SUBSTITUTION.
 - INSTALL PIPELINE MARKER STRIP (TAPE) IN TRENCH ABOVE ALL PIPELINES
- JOINTS
 - MAKE PIPE JOINTS CAREFULLY AND NEATLY
 - CONNECT PIPING IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS
 - 4-INCH TO 12-INCH PVC PIPE SHALL CONFORM TO AWWA C900 PVC PRESSURE PIPE ANSI/NSF-61 UNLESS NOTED OTHERWISE ON DRAWINGS
 - FLANGED JOINTS
 - TAKE CARE WHEN BOLTING FLANGES TO INSURE TAT THERE IS NO RESTRAINT ON THE OPPOSITE END OF THE PIPE WHICH WOULD PREVENT GASKET COMPRESSION OR CAUSE UNNECESSARY STRESS IN FLANGES
 - LEAVE ONE FLANGE FREE TO MOVE IN ANY DIRECTION WHILE TIGHTENING FLANGE BOLTS
 - DO NOT PACK OR ASSEMBLE BELL AND SPIGOT JOINTS UNTIL ALL FLANGES AFFECTED THEREBY HAVE BEEN TIGHTENED
 - TIGHTEN BOLTS GRADUALLY AT A UNIFORM RATE TO COMPRESS GASKETS UNIFORMLY
- FIELD QUALITY CONTROL
 - GENERAL
 - COMPLETELY ASSEMBLE AND TEST NEW PIPING SYSTEMS PRIOR TO CONNECTION TO EXISTING PIPE SYSTEMS
 - TEST DUCTILE IRON PIPE IN ACCORDANCE WITH THE LATEST VERSION OF AWWA C600
 - LIQUID PIPING SYSTEMS SHALL HAVE ZERO ALLOWABLE LEAKAGE AT THE SPECIFIED TEST PRESSURE THROUGHOUT THE SPECIFIED DURATION (2 HOURS)
 - HYDROSTATIC PRESSURE TESTING FOR BURIED PIPING: PERFORM TESTING AFTER BACKFILL AND PROPER COMPACTION OF TRENCHES. NOTIFY ENGINEER AT LEAST 48 HOURS PRIOR TO TESTING.
 - ACKNOWLEDGE SATISFACTORY PERFORMANCE OF TESTS AND INSPECTIONS IN WRITING TO ENGINEER PRIOR TO FINAL ACCEPTANCE
 - PIPE LEAKS
 - ALL JOINTS AND SEAMS WHETHER TESTED OR NOT SHALL BE WATERTIGHT AND AIRTIGHT
 - INSPECT ALL EXPOSED SHOP AND FIELD WELDED SEAMS
 - LEAKS SHALL BE CLEARLY MARKED
 - WELDED JOINTS (STEEL) SHALL BE REPAIRED BY CHIPPING OUT DEFECTIVE PARTS AND REWELDING. WELDS SHALL NOT BE HAMMERED

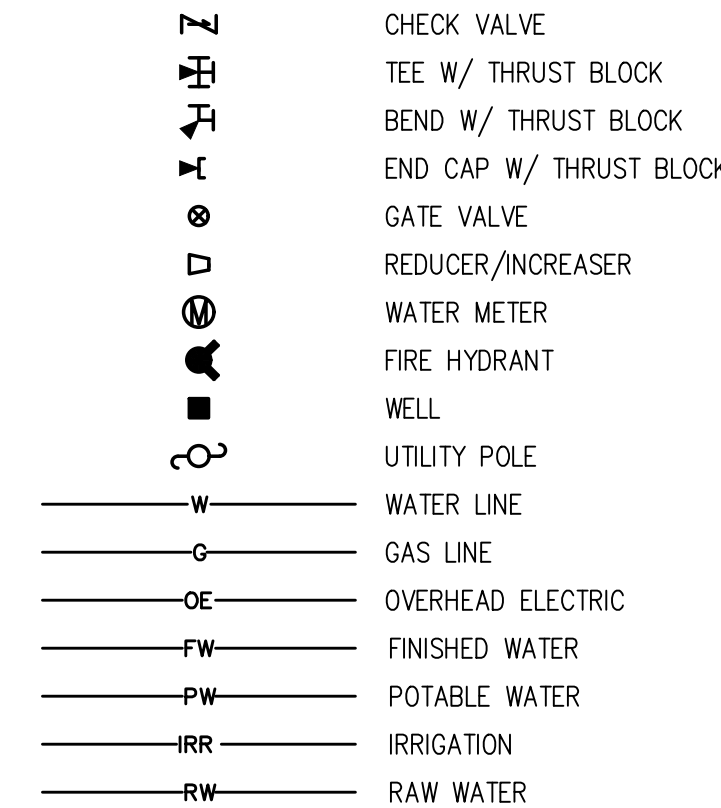
VALVE NOTES:

- GATE VALVES
 - MANUFACTURERS:
 - MUELLER, CLOW, KENNEDY, OR ACCEPTED SUBSTITUTION
 - 3-INCH TO 12-INCH, SHALL CONFORM TO AWWA C509, IRON BODY, BRONZE TRIM, TWO O-RING STEM SEALS, NON-RISING STEM WITH SQUARE NUT, SINGLE WEDGE, RESILIENT SEAT, MECHANICAL JOINT ENDS, EXTENSION STEM, AND EXTENSION VALVE BOX, PRESSURE RATING OF 250 PSI
 - NON-ADJUSTABLE ELASTOMERIC STEM SEALS
 - VALVE STEM MATERIAL MUST COMPLY WITH ASTM B763
 - ROTATION: COUNTERCLOCKWISE TO OPEN WITH THE WORD "OPEN" AND AN ARROW INDICATING THE DIRECTION TO OPEN CAST ON VALVE BODY OR OPERATING NUT
 - FOR BURIED VALVES, PROVIDE VALVE OPERATING KEY WITH EXTENSION STEM, 7-FOOT LENGTH WITH TEE HANDLE
 - VALVE BOXES, DEPTH AS REQUIRED FOR BURIED VALVE
 - THREE PIECE CAST IRON COMPLYING WITH ASTM A48, CLASS 20A, ADJUSTABLE SCREW TYPE, 5.25 INCH DIAMETER, MINIMUM THICKNESS OF 3/8 INCH
 - BOX, COVER, AND BASE COATED BY DIPPING IN ASPHALT VARNISH
 - COVER MARKED WITH WORD, "WATER"
- CHECK VALVES
 - MANUFACTURERS:
 - DEZURIK, PRATT, VAL-MATIC, OR ACCEPTED SUBSTITUTION
 - AWWA C508, UNOBSTRUCTED WATERWAY, QUICK-CLOSING, SPRING-LOADED, HORIZONTAL SWING
 - STAINLESS STEEL SHAFT WITH BOTH ENDS EXTENDING THROUGH BRONZE BUSHED BEARINGS AND OUTSIDE STUFFING BOXES
 - BODY AND COVER SHALL BE CAST IRON, BRONZE MOUNTED FULL OPENING
 - FLANGES SHALL BE ANSI B16.1 CLASS 125
 - FURNISH WITH EXTENDED STAINLESS STEEL HINGE WITH OUTSIDE LEVER AND WEIGHT
 - FOR VERTICAL INSTALLATIONS, ADJUST LEVER ANGLE ACCORDINGLY
 - 250 PSI WORKING PRESSURE 2-INCH TO 12-INCH
- PROVIDE POLYETHYLENE TUBE ENCASEMENT ON ALL BURIED DUCTILE IRON FITTINGS AND VALVES PER AWWA C105

SYMBOLS



LEGEND





NO.	DATE	DES'D	D'WN	LLS	RECORD DRAWINGS

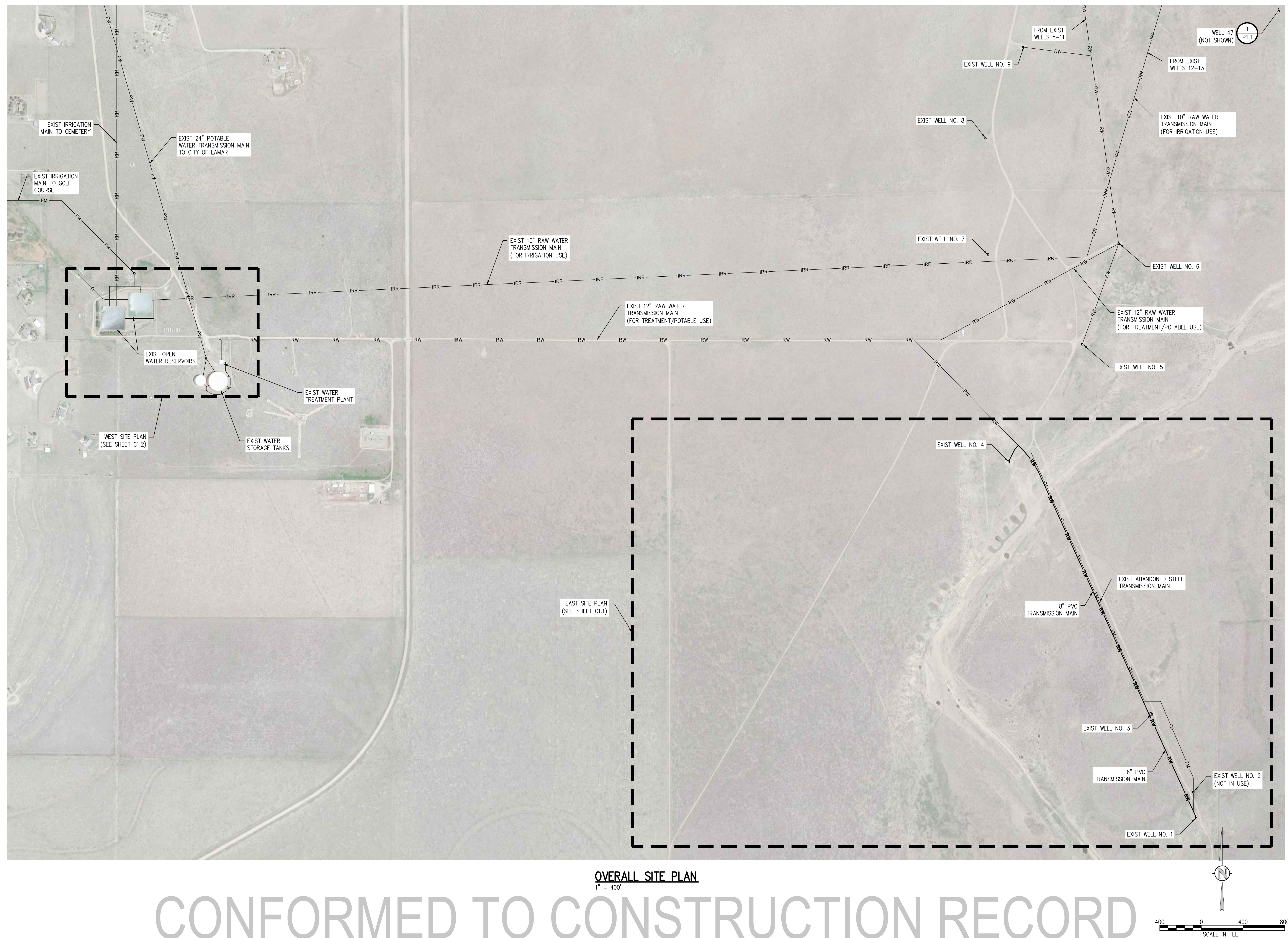
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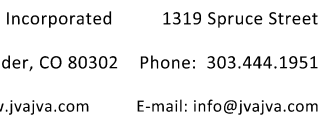
WELL 12 AND 13 REDEVELOPMENT
SCOPE EXTENSION

OVERALL SITE PLAN

ET NO.

C1.0





NO.	DATE	DES'D	D'WN	LLS	RECORD DRAWING	REVISION DESCRIPTION
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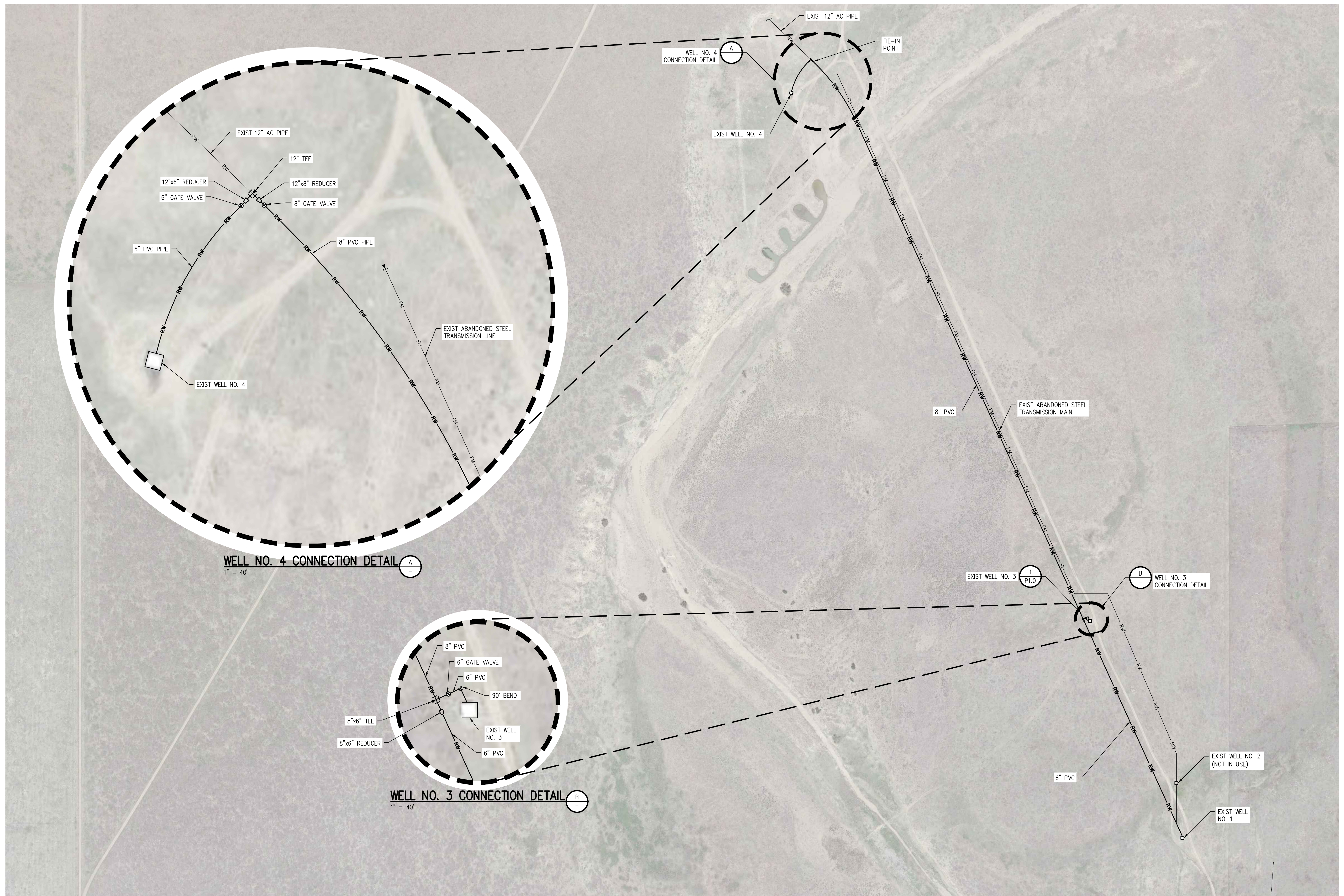
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WELL 12 AND 13 REDEVELOPMENT
SCOPE EXTENSION

EAST SITE PLAN

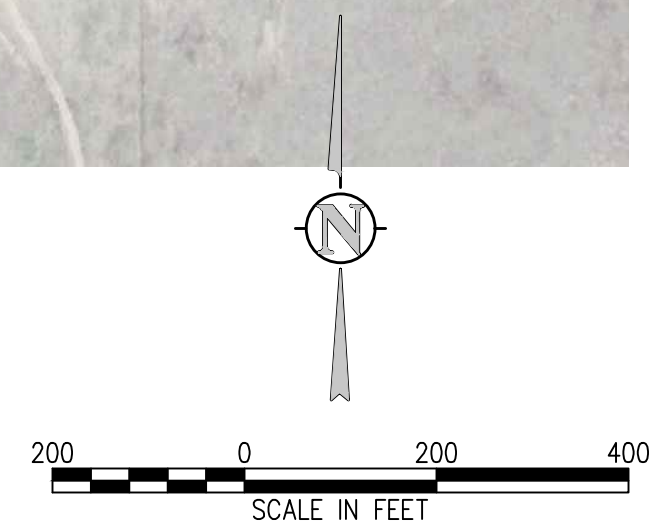
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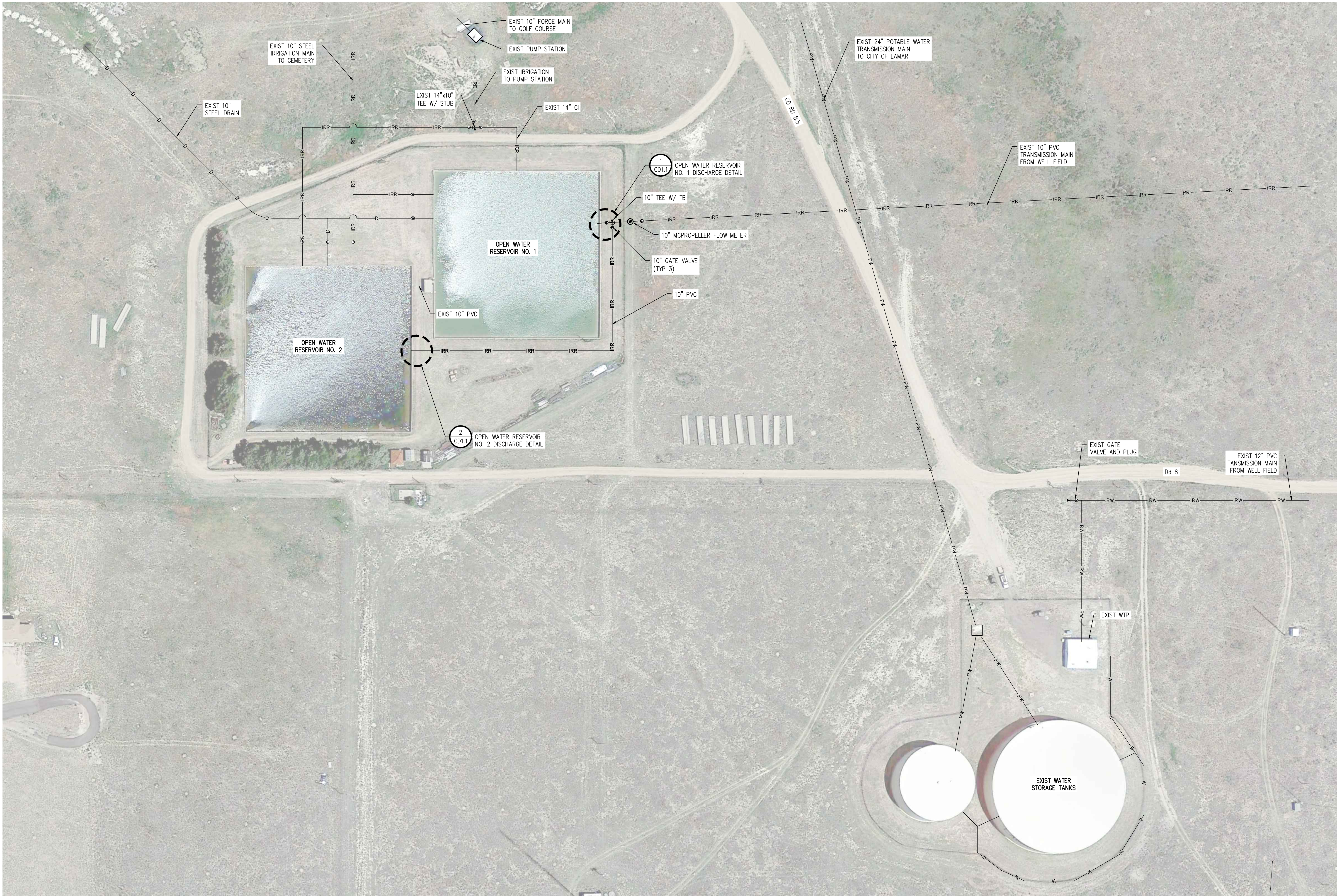
EAST SITE PLAN
1" = 200'

CONFORMED TO CONSTRUCTION RECORD



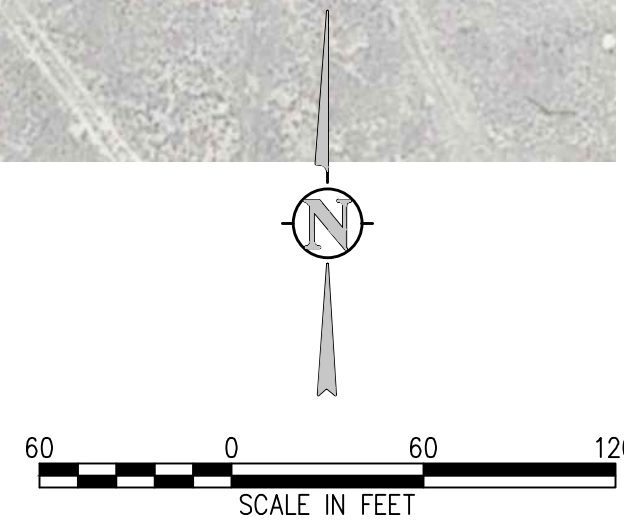
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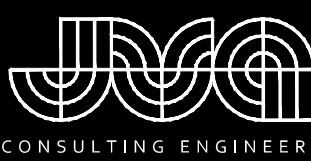
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WEST SITE PLAN
1" = 60'

CONFORMED TO CONSTRUCTION RECORD





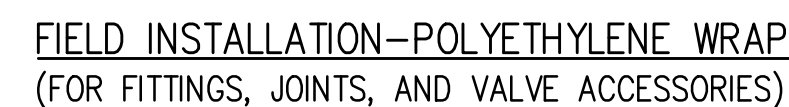
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Boulder, CO 80302 Phone: 303.444.1951
www.jva.com E-mail: info@jva.com

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NO.	REVISION DESCRIPTION
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LLG	DWN

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CITY OF LAMAR WELL 12 AND 13 REDEVELOPMENT SCOPE EXTENSION	WEST SITE PLAN

SHEET NO.
C1.2



- NOTE:
ALL RODDING TO BE ENCASED IN POLYETHYLENE SEPARATED FROM THE PIPE

POLYETHYLENE WRAP DETAIL 4
NTS -



DIMENSIONS

	NOMINAL PIPE SIZE	NO. OF BOLTS	NO. OF WEDGES	K2 INCHES	J INCHES	F INCHES	M INCHES
	4"	2	2				
	6"	6	3	11.12	9.50	7.00	0.88
	8"	6	4	13.37	11.75	9.15	1.00
	10"	8	6	15.62	14.00	11.20	1.00
	12"	8	8	17.88	16.25	13.30	1.25
	16"	12	12	22.50	21.00	17.54	1.56
	20"	14	14	27.00	25.50	21.74	1.69

- NOTES:
- 1.) BASED ON "MEGA LUG" PIPE RESTRAINT SYSTEM BY EBAA IRON
 - 2.) OTHER MECHANICAL JOINT RESTRAINT DEVICES MUST BE APPROVED BEFORE INSTALLATION.

MECHANICAL JOINT RESTRAINT DETAIL



DOWNWARD BEND

45° & 90° BENDS

DEAD END

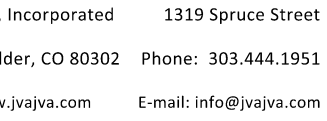
TYPICAL CROSS SECTION

- ## NOTES:
1. BEARING SURFACES SHOWN IN CHART ARE MINIMUM SQUARE FEET
 2. BASED ON 150 PSI INTERNAL PIPE PRESSURE PLUS WATER HAMMER.
4", 6", 8", & 12" WATER HAMMER = 110 PS
16", 20" AND 24" WATER HAMMER = 70 PSI
 3. BASED ON 3000psf SOIL BEARING CAPACITY
 4. USE TYPE II PORTLAND CEMENT 3000 PSI CONCRETE
 5. ALL VALVES, TEES, BENDS AND PLUGS SHALL BE RESTRAINED AND KICKBLOCKED

SIZE OF PIPE	SURFACE AREA (SQ FT)		CONC VOL (CU YD)	
	TEE OR DEAD END	BENDS		
		45°		90°
4"	1.50	1.00	2.0	0.34
6"	3.00	2.25	4.5	0.71
8"	5.25	4.00	8.0	1.22
12"	11.25	8.75	17.0	1.83
16"	19.00	14.50	27.00	2.59
20"	25.00	19.50	35.50	6.93
24"	36.00	27.75	51.00	9.88

MINIMUM BEARING SURFACE AREA (IN SQUARE FEET)

CONCRETE THRUST BLOCK DETAIL



NO.	DATE	DES'D	D'WN	REVISION DESCRIPTION	RECORD DRAWINGS
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WELL 12 AND 13 REDEVELOPMENT SCOPE EXTENSION

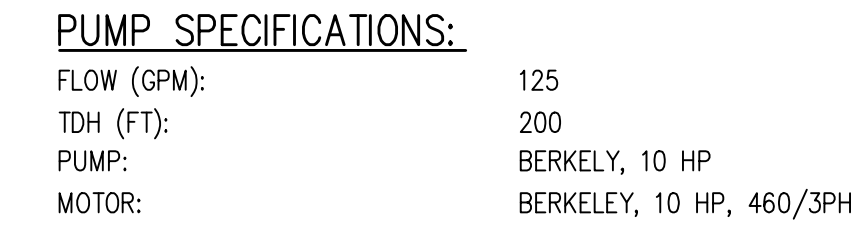
CIVIL DETAILS

SHEET NO.

CD1.1



CONFORMED TO CONSTRUCTION RECORD



1/2" NEOPRENE GASKET
GLUED TO SADDLE

TWO PIECE, FULL CIRCLE
SADDLE CLAMP TO MATCH
PIPE DIAMETER

PAINT TO MATCH
PIPING

THREADED STUD

NUT WELDED
TO BASE PIPE

BASE PIPE WELDED
TO BASE PLATE

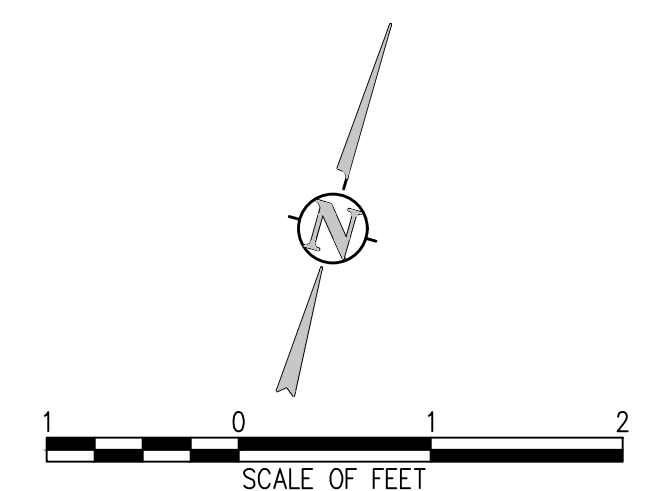
BOLT BASE PLATE TO FLOOR W/
4-5/8" Ø EXPANSION ANCHORS,
5" EMBED, EPOXY GROUT IN PLACE

NON-SHRINK GROUT
(1" MIN)

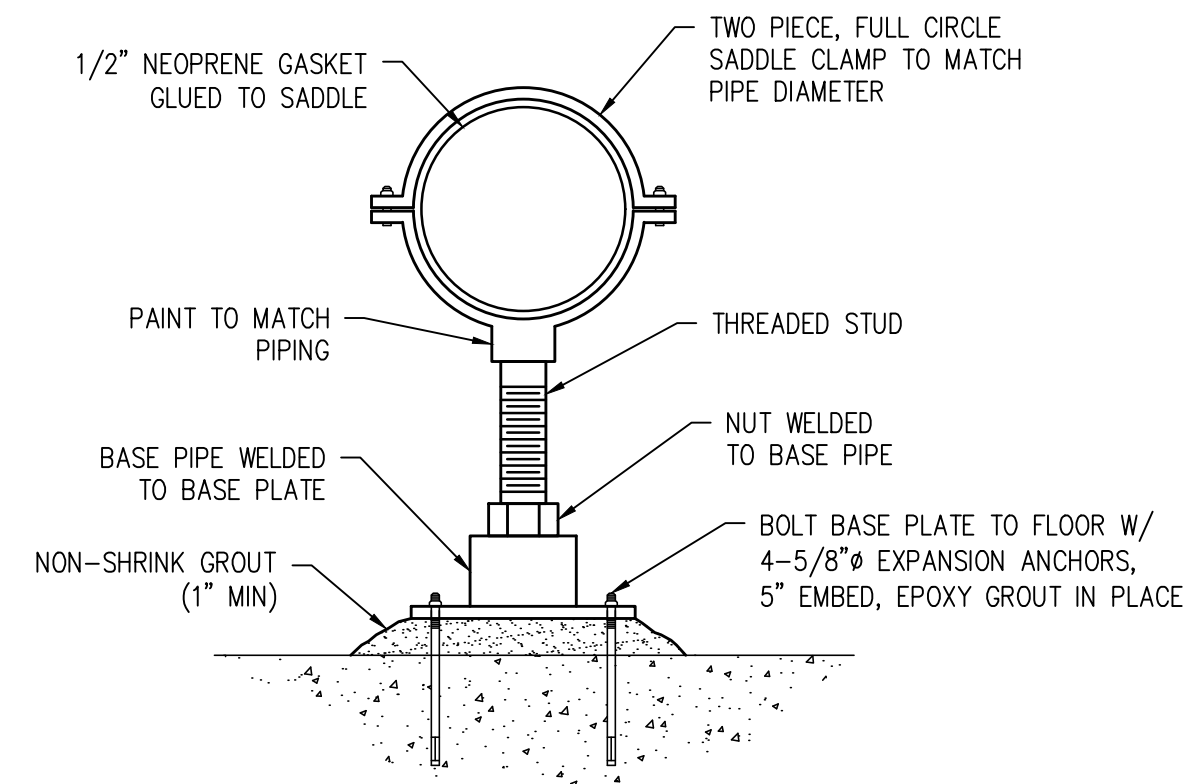
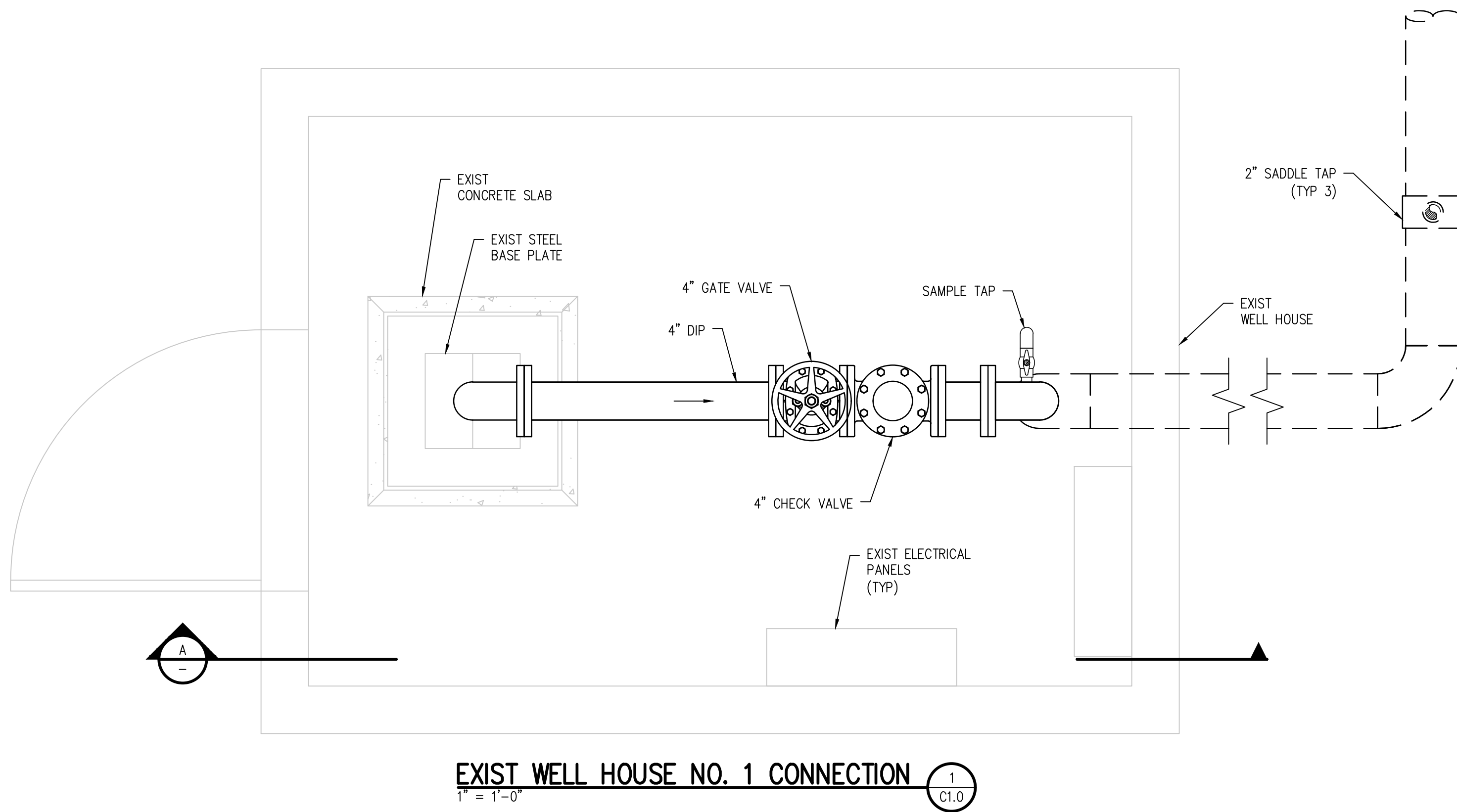
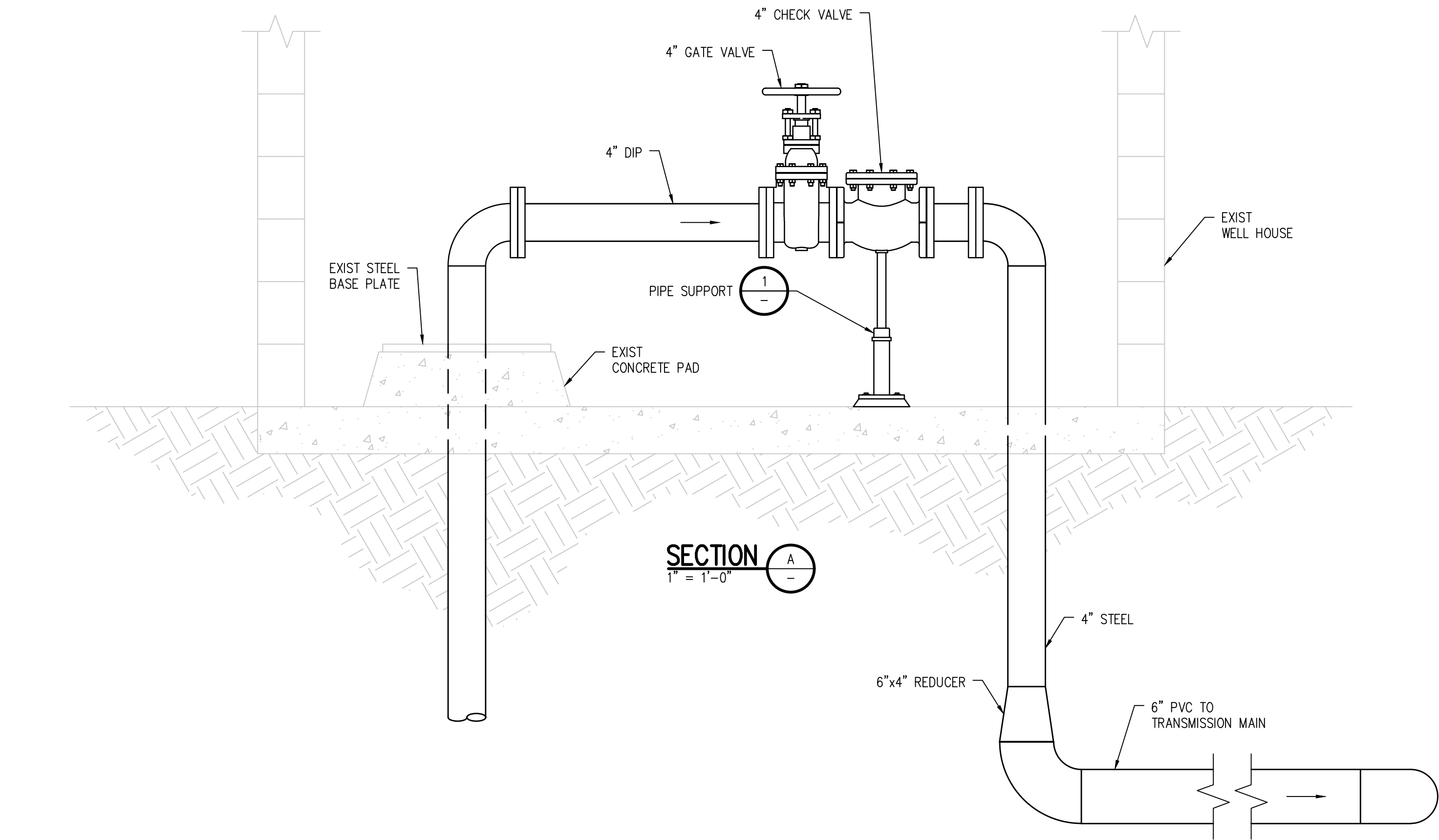
PIPE SIZE	CLAMP SIZE	THREADED STUD Ø	BASE PLATE	BASE PIPE
2", 3"	.375"x1.5"	.75"	6"x6"	2"
4"-12"	.5"x2"	1"	8"x8"	2"
14"-16"	.625"x3"	1.5"	12"x12"	3"
18"-24"	.75"x4"	2"	12"x12"	4"

EXIST WELL HOUSE NO. 3 CONNECTION 1
1" = 1'-0" C1.0

CONFORMED TO CONSTRUCTION RECORD



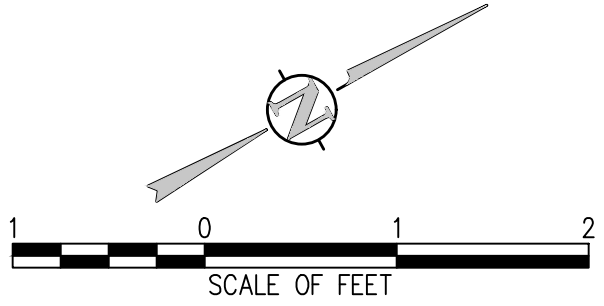
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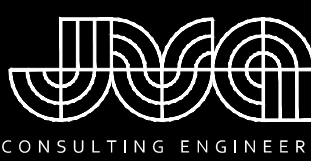


PIPE SIZE	CLAMP SIZE	THREADED STUD Ø	BASE PLATE	BASE PIPE
2" - 3"	.375" x 1.5"	.75"	6" x 6"	2"
4" - 12"	.5" x 2"	1"	8" x 8"	2"
14" - 16"	.625" x 3"	1.5"	12" x 12"	3"
18" - 24"	.75" x 4"	2"	12" x 12"	4"

FLOOR PIPE SUPPORT DETAIL 1

CONFORMED TO CONSTRUCTION RECORD





JVA, Incorporated 1319 Spruce Street
Boulder, CO 80302 Phone: 303.444.1951
www.jvape.com E-mail: info@jvape.com

RECORD DRAWINGS

REVISION DESCRIPTION

LLG

PMH

07/2019

NO.

DES

DATE

DWN

DESIGNED BY: PMH

DRAWN BY: LLG

CHECKED BY: ACS

JOB #: 2215.10c

DATE: FEBRUARY 2019

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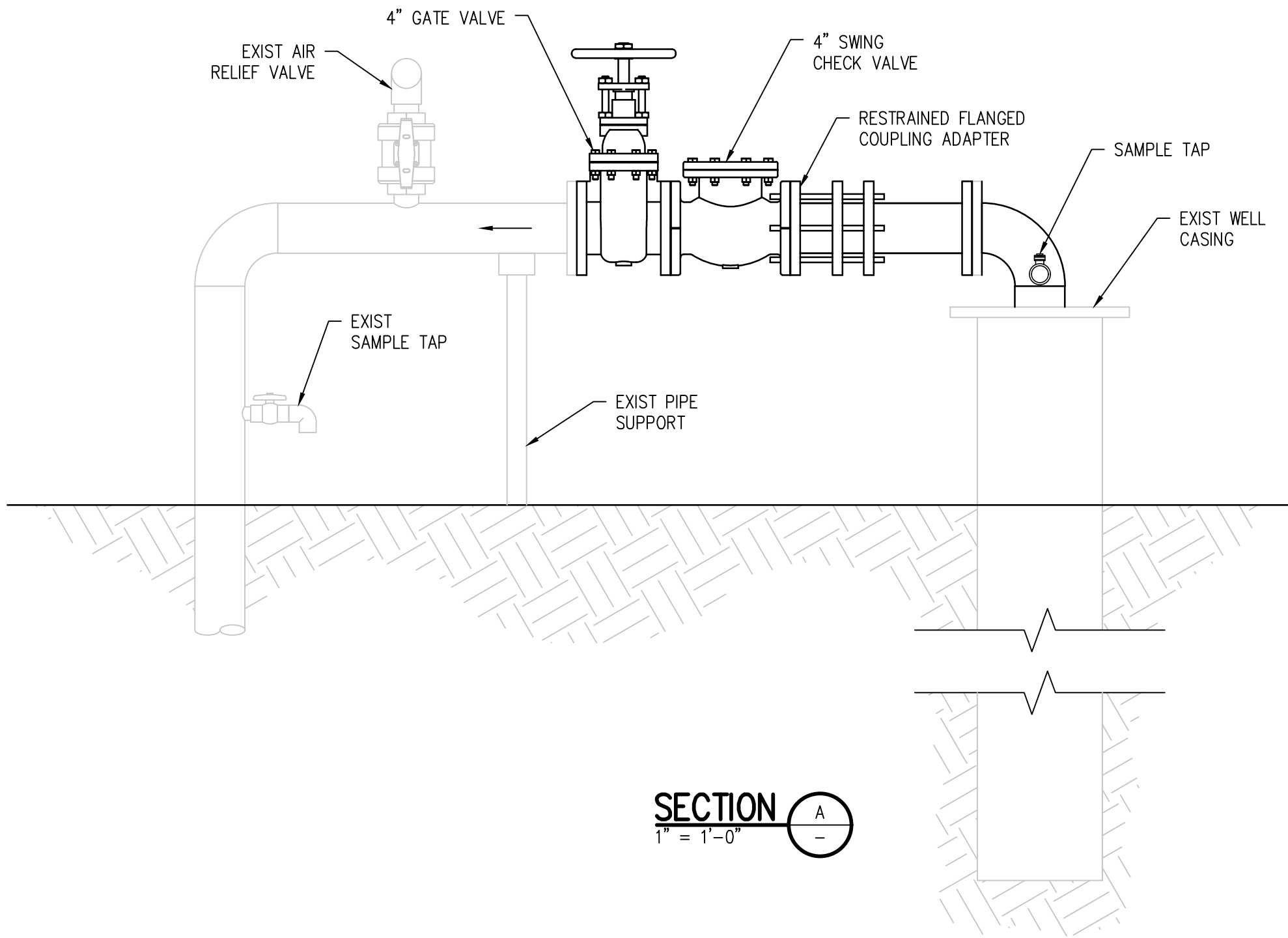
CITY OF LAMAR
WELL 12 AND 13 REDEVELOPMENT
SCOPE EXTENSION

WELL HOUSE 1
PLAN AND SECTION

SHEET NO.

P1.1

J:\2215.10c\Drawings\2215.10.2c - Scope Extension\2215.10.2c - P10 - P11.dwg, 7/18/2019 - 1:03 PM, lig

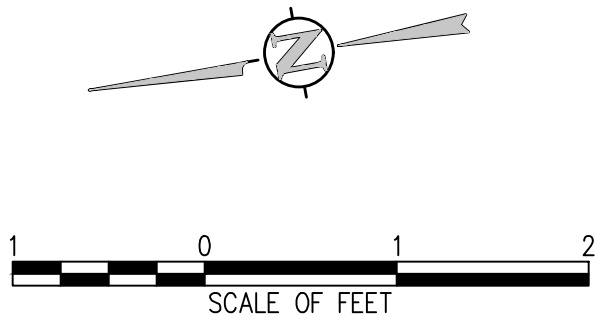
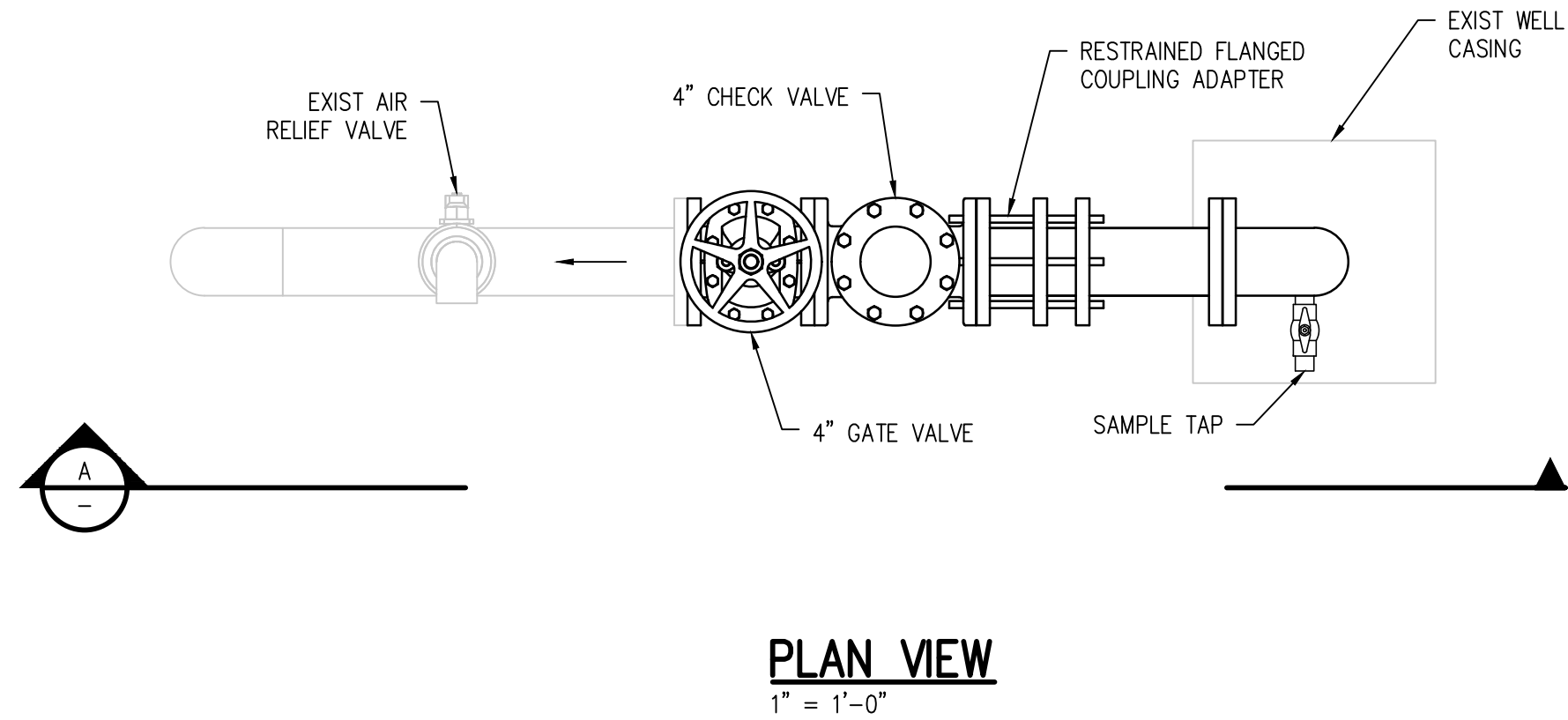


PUMP SPECIFICATIONS:

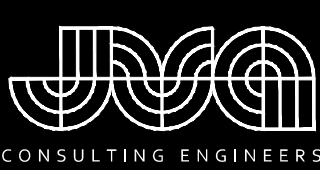
FLOW (GPM):	125
TDH (FT):	160
PUMP:	BERKELEY, 7.5 HP
MOTOR:	BERKELEY, 7.5 HP, 460/3PH

WELL NOTES:

1. FOLLOW CITY PROCEDURE FOR WELL REHABILITATION.
2. TOTAL WELL DEPTH IS 34.5 FT. REPLACE EXIST CARRIER PIPE.



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Boulder, CO 80302 Phone: 303.444.1951
www.jva.com E-mail: info@jva.com

		RECORD DRAWINGS	
		REVISION DESCRIPTION	
		LLG	DWN
		PMH	DES
07/2019	DATE		
NO.			

DESIGNED BY:	PMH
DRAWN BY:	LLG
CHECKED BY:	ACS
JOB #:	2215.10c
DATE:	FEBRUARY 2019
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CITY OF LAMAR WELL 12 AND 13 REDEVELOPMENT SCOPE EXTENSION	WELL 47 PLAN AND SECTION
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SHEET NO.
P1.2