<u>ABE</u>	BREVIATIONS								DRAFTING SYMB	OLS			SHEET INDEX SHT NO SHEET NAME			SHEET INDEX SHT NO SHEET NAME		SHEET II	SHEET NAME
<u>A</u> A.F.F. A.F.L. ABV	Above Finish Floor Above Floor Level Above	CONT Continue (ous) (ation) FF CORR Corridor FF	(continued) PL Fireplace RP Fiberglass F RT Fire Retarda	Reinforced Plastic ant Treated	L (continued)P (continued)LONGLongitudinalPREFABLTGLightingPRELIMLVRLouverPRKG	Prefabricated			4 A101 2 MULTI - ELE	VATION REFE	ERENCE 1	REVISION	GENERAL G000 SHEET INDEX, MA G002 TYPES AND SYST G006 ZONING - ELEVAT	TEMS TION		S3.1 ROOFING FRAMING PLAN S4.1 FOUNDATION DETAILS S4.2 FOUNDATION DETAILS S5.1 FRAMING DETAILS		FIRE PROTECT FP001 PLUMBING	FIRE PROTECTION NOTES AND PLAN
AC ACT ADD ADDL	Acoustic (al) Acoustical (Ceiling) Ti Addendum (Addenda) Additional	CW Curtain Wall FT	T Foot or Feet TG Footing TR Fin Tube Ra UR Furring	t adiation / Radiator	M PSF M.O. Masonry Opening PT MAS Masonry PTN	Pound per Squar Pound per Squar Paint Partition	e Foot TAN e Inch TBD TBF TBM	I Tangent To Be Determined Thermally Broken Furring	3 SIM		1	KEYNOTE	G007 EXTERIOR RENDER G051 BUILDING CODE S		SSING	S5.2 FRAMING DETAILS ARCHITECTURAL DEMOLITION AD101N LEVEL 1 DEMOLITION PLAN AND RE	FLECTIVE CELLING	PI AN P004	PLUMBING LEGEND AND NOTES PLUMBING SCHEDULES PLUMBING EQUIPMENT DETAILS PLUMBING EQUIPMENT DETAILS
ADJ ADJC ADMII AL	IN Administration Aluminum	9	GA Gauge GALV Galvanized			Polyvinyl Chloride	TEM THK THR	Think (ness) Threshold	A101 ELEVATION	REFERENCE				N & TREE PRO	DTECTION PLAN (NORTH)	NORTH AD101S LEVEL 1 DEMOLITION PLAN SOUTH AD121S LEVEL 1 DEMOLITION REFLECTIVE C AD200 DEMO ELEVATIONS		P101 P102 P103	PLUMBING OVERALL DRAIN PLAN PLUMBING ENLARGED DRAIN PLAN PLUMBING WASTE AND VENT RISER
ALT ANC APC APPR ARCH	Alternate Anchor Precast Concrete - Ar ROX Approximately	DEPT Department GC chitectural DF Drinking Fountain GI DIA Diameter GI	GBD Gypsum Boa GC General Cor GEN General / Ge GL Glass / Glas	ntractor enerator zing	MECH Mechanical MEMB Membrane MEZZ Mezzanine R	Quantity Radius or Riser	TRT TYP TZ		SIM SECTION RE	EFERENCE	Elevation ROOM NAME	LEVEL MARKER ROOM NAME	C002 SITE DEMOLITION C100 SITE PLAN (NORT C101 SITE PLAN (SOUT C102 SITE LAYOUT PLA	ΓΗ) ΓΗ)	OTECTION PLAN (SOUTH)	ARCHITECTURAL A001 SITE PLAN		P201 P202 P203 P301	PLUMBING OVERALL SUPPLY PLAN PLUMBING ENLARGED SUPPY PLAN PLUMBING SUPPLY ROOF PLAN PLUMBING ROOF PLAN
AVG AVFL	O Automatic Audio Visual Average	DIAG Diagonal GI DIM Dimension DL Dead Load <u>H</u> DN Down H DR Door		t (Dimension)	MFR Manufacturer R.O. MIN Minimum RCP MIR Mirror (detail views) RD MISC Miscellaneous RECT MTD Mounted REF	Rough Opening Reflected Ceiling Roof Drain Rectangular	Plan UC UG UG UNF UNC	FIN Unfinished	SIM A101 DETAIL REF	FRENCE		ROOM NUMBER	C103 SITE LAYOUT PLA C200 SITE UTILITY PLAI C201 SITE UTILITY PLAI	N (NORTH) N (SOUTH)		A101N LEVEL ONE NORTH A101S LEVEL ONE SOUTH A102 ROOF PLAN NORTH A121N LEVEL ONE REFLECTED CEILING PLAN	AN NORTH	P302 MECHANICAL	ROOF DRAIN ISOMETRIC
	NL Access Panel Bottom of	DS Downspout H0 DTL Detail H1 DW Dishwasher H1	IB Hose Bibb IC Handicap IDR Header IDRL Handrail IDWR Hardware		MTD Mounted REF MTL Metal REG MUL Mullion REINF MW Millwork REQD REV	Refrigerator Register/Registra Reinforce (ment) Required	ation UPH	O Unless Noted Otherwise Upholstery Utility	A101) BETTIETE	LINEIVOL		NORTH SYMBOL	C210 16 INCH WATER N C300 SITE GRADING & C301 SITE GRADING & C310 STORMWATER PL	DRAINAGE PL DRAINAGE PL	_AN (NORTH) _AN (SOUTH)	A121N LEVEL ONE REFLECTED CEILING PL A121S LEVEL ONE REFLECTED CEILING PL A151 TOILET ROOM PLANS AND ELEVATIONS A191 ENLARGED PLANS AND ELEVATIONS	NS	M001 M101 M102 M103	MECHANICAL NOTES AND LEGENDS MECHANICAL OVERALL PLAN MECHANICAL PLAN - EXISTING WEST MECHANICAL PLAN - EXISTING EAST
B.O BD BIT BLDG BLKG	Board Bituminous Building	DWL Dowel Hi H0 <u>E</u> H1	IM Hollow Meta IORZ Horizontal ITR Heater	al entilation / Air Conditioning	N North RH NA Not Applicable RM NIC Not In Contract RND	Revision Right Hand Right Hand Reve Room Round	V.I.F VI.Se VAR VB VCT	R Varies Barrier - Vapor Barrier, Vapor Retarder	1	V	——— DRAWI	NG NUMBER NG TITLE	C400 EROSION CONTR C401 EROSION CONTR C410 ERODION CONTR	ROL PLAN (NO ROL PLAN (SO	ORTH) OUTH)	A201 BUILDING ELEVATIONS A251 BUILDING SECTIONS A252 BUILDING SECTIONS		M104 M105 M106	MECHANICAL PLAN - ADDITION MECHANICAL PLAN - ADDITION ENLARGED MECHANICAL PLAN - ADDITION ENLARGED
BM BOT BRG BRK	Beam or Benchmark Bottom		IYD Hydrant D. Inside Diame		NO Number ROW NOM Nominal NRC Noise Reduction Coefficient NSMF Non-Structural Metal Framing S	Right of Way	VES	RT Vertical ST Vestibule	A101 1/8" = 1'	V NAME - 0"			C500 SITE DETAILS C501 SITE DETAILS C502 SITE DETAILS CMISC SUPPLEMENTAL I	INFORMATION	V	A253 BUILDING SECTIONS A301 WALL SECTIONS A302 WALL SECTIONS A351 EXTERIOR DETAILS		M107 M108 M109 M110	MEHCHANICAL ROOF PLAN - EXISTING MECHANICAL ROOF PLAN - ADDITION MECHANICAL ROOF PLAN - BID ALT #3 MECHANICAL ROOF PLAN - ADDITION ADD 1
BSMT BTWN BUR	T Basement [*]	EJ Expansion Joint IN EL Elevation (Level/Height indication) IN ELEC Electric (al) IN	N Inch NCL Include (ing) NFO Information)	NTS Not To Scale SCHED SD O SECT O.A. Overall SF		w W W re Foot W/	West Wide/Width (Dimension) With	404 - DOOD NUM			NUMBER	LANDSCAPE L101 LAYOUT PLAN			A352 EXTERIOR DETAILS A353 EXTERIOR DETAILS A354 EXTERIOR DETAILS A371 EXTERIOR PLAN DETAILS	1	M111 M201 M202	MECHANICAL RCP - ADDITION MECHANICAL SCHEDULES MECHANICAL DETAILS
C C.O. C.T.C CAB	Cased Opening C. Center To Center Cabinet	EMER Emergency IN EMER Emergency ENT Entrance EO Electrical Outlet	NT Interior AN Janitor		O.C. On Center SHT O.D. Outside Diameter SHTG OFCI Owner Furnished - Contractor Installed SHWR OFOI Owner Furnished - Owner Installed SIM	Sheet Sheathing Shower Similar	W/O WC WD WD	Water Closet / Toilet Wood	101 DOOR NUME (1) GLAZED OP			MATERIAL / PRODUCT ID	L102 MATERIAL PLAN L103 PLANTING PLAN L104 IRRIGATION PLAN L301 SECTIONS	N		A371 EXTERIOR PLAN DETAILS A372 EXTERIOR PLAN DETAILS A381 EXTERIOR DETAILS - 3" SCALE A391 EXTERIOR PLAN DETAILS - 3" SCALE	ADD	M301 M302 ELECTRICAL	MECHANICAL CONTROLS MECHANICAL CONTROLS
CAT CF CFM CFMF	Cubic Feet Cubic Feet Per Minute F Cold Formed Metal Fr	EQUIP Equipment JS EXIST Existing JT Faming EXP Exposed	BOX Junction Box ST Joist T Joint)X	OH Overhead SLNT OPNG Opening SM OPP Opposite SMTL OPT Option(al) SOG	Sealant Surface Mount Sheet Metal Slab on Grade	WDF WD\ WGI WH	W Prefabricated Windows D Wall and Door Protection Water Heater					L301.1 SECTIONS - VERA L401 LAYOUT ENLARG L402 LAYOUT ENLARG L501 DETAILS - PAVEM	EMENTS EMENTS		A502 INTERIOR ELEVATIONS ADDITION A503 INTERIOR ELEVATIONS ADDITION A504 INTERIOR ELEVATION ADDITION A551 INTERIOR DETAILS		E001 E002 E101	ELECTRICAL LEGEND ELECTRICAL NOTES AND DETAILS POWER PLAN - EXISTING POWER PLAN - ADDITION
CHNL CIPC CIR CJ	Channel Cast-In-Place Concre Circle Control Joint Centerline	EXT Exterior te F.F.E. Finish Floor Elevation F.O Face of	KIT Kitchen KIO Knockout		OPTN Operable Partition SP ORD Overflow Roof Drain SPEC SS STC PA Dublic Address System	Space (ing) Specifications Stainless Steel Sound Transmiss	WP WT XJ sion Coefficient	Waterproofing Window Treatment Expansion Joints	ASSEMBLY TYP FLOOR ASS			SHEET) BASE ASSEMBLY	L502 DETAILS - VERAN L503 DETAILS - PLANTI L504 DETAIL - TREE PR	IDA ING ROTECTION		A552 INTERIOR DETAILS A601 DOOR SCHEDULE, TYPES AND DETA A651 GLAZING TYPES AND DETAILS	ILS	E103. E104 E105	MECHANICAL POWER PLAN - ADDITION MECHANICAL POWER PLAN - EXISTING MECHANICAL POWER PLAN - ROOF ADD 1
CLNG CLO CLR CM	_	FA Fire Alarm LA FD Floor Drain LA FE Fire Extinguisher LA	Long (Dimer AB Laboratory AM Laminate, La		PA Public Address System STD PAR Parallel STL PC Precast Concrete STN PERIM Perimeter STOR PERP Perpendicular STRUCT	Standard Steel Stone Storage			CEILING AS: 10' - 0" CEILING H FLOOR LE	EIGHT ABOVE		TRANSITION ASSEMBLY	L505 DETAILS - FURNIT L506 DETAILS - FURNIT STRUCTURAL			A701N LEVEL ONE FINISH PLANS NORTH A701S LEVEL ONE FINISH PLANS SOUTH A801N MILLWORK PLANS NORTH A801S MILLWORK PLANS SOUTH		E106 E201 E202 E303	MECHANICAL POWER PLAN - EXISTING ROOF BID ALT #3 LIGHTING PLAN - EXISTING LIGHTING PLAN - ADDITION SITE ELECTRICAL PLAN
CMU CO COL COM	Concrete Masonry Un Clean Out Column Communication	it FFE Furnishings, Fixture and Equipment LE FHC Fire Hose Cabinets LE FIN Finish LF FIXT Fixture LF	B Pound DR Ladders F Linear Foot		PL Plate SUBFL PL Property Line SUSP PLAM Plastic Laminate SYM PLAS Plaster - Gypsum SYS	Subfloor(ing) Suspended Symmetry, Symn System	netrical		ROOF1 ROOF ASSE				S1.0 REQUIRED IBC SF S1.1 FOUNDATION GEI S1.2 FRAMING GENER	NERAL NOTES RAL NOTES & T	S & TYP. DETAILS	A802 MILLWORK ENLARGED PLANS A803 MILLWORK ELEVATIONS A851 MILLWORK SECTIONS	ODTU.	E400 E401 E402	FIRE ALARM DETAILS AND NOTES FIRE ALARM PLAN - EXISTING FIRE ALARM PLAN - ADDITION
CONC CONE CONE CONN	D Condition F Conference N Connection	FL Floor (ing) LF FLASH Flashing LII FLEX Flexible LII FND Foundation III	HR Left Hand R IN Linear INO Linoleum L Live Load	Reverse	PLBG Plumbing PLF Pound per Linear Foot PLY Plywood PNL Panel	•			ACOUSTIC		BLY A3	PARTITION ASSEMBLY - ACOUSTICAL RATED	S1.3 TYP. FRAMING DE S2.1 FOUNDATION PLAS3.0 LINTEL PLAN			A901N LEVEL ONE FURNITURE / AV PLAN N A901S LEVEL ONE FURNITURE / AV PLAN S		E403 E404 E501 ED101	SYSTEM PLAN - EXISTING SYSTEMS PLAN - ADDITION ELECTRICAL SCHEDULES AND RISER ELECTRICAL DEMOLITION PLAN
MATERIA	ST Construction AL / PRODUCT ID	FP Fire Proofing	OC Location	L / PRODUCT ID I	PR Pair LIST	MATER	IAL / PRODUCT	ID LIST	FIRE RATII		AL / PRODUCT II	- FIRE RATING D LIST		MATER	IAL / PRODUCT II) LIST	MATERIA	AL / PRODUCT ID	
ID ACCL-1	ACOUSTICAL PANEL CEILING SYSTEM	Spec Data MFR: USG; PRODUCT: MARS HIGH-NRC LOGIX ACOUSTICAL PANEL;	ID CPT-1	CARPET TILE M	pec Data IFR: INTERFACE; TYLE: OBLIGATO; OLOR: TRAVERTINE;	ID IGU-2	DESCRIPTION SPANDREL GLASS, CLEAR W/	Spec Data MFR: VITRO; PRODUCT: SILICONE-COATED, LOW-E, CLEAR	R INSULATING	ID PTA		Spec Data MFR: BENJAMIN MOORE; COLOR: WHITE DOVE; NUMBER: OC-17:		ID TA-16	PURSE SHELF	Spec Data MFR: SHELFOLOGY; PRODUCT: AKSEL RADIUS ASH FLOATING SHELF;	ID WA-1	WALL ACCESSORY - ART RAIL	Spec Data MFR: AS HANGING DISPLAY SYSTEMS; STOLE: CLICK RAIL TRACK A1050;
		PANEL SIZE: 24" X 72" X 1"; PANEL SIZE: CORRESPONDING PANEL SIZES AT CEILING DEVICES; PANEL EDGE: FINELINE BEVEL; PANEL COLOR: WHITE; NRC: 0.90:	;	NI B <i>i</i> DI	OLOR: TRAVERTINE; IUMBER: 106714; ACKING: C-QUEST BIO X; IMENSIONS: 25CM X 1M; NSTALLATION: ASHLAR:		OPAQUE COATING	SPANDREL GLASS; UNIT THICKNESS: 1"; EXTERIOR LITE: 1/4" CLEAR; SPACER: 1/2" WARM EDGE, BLACK; FILL CONTENT: AIR:		PTB	PAINT COLOR, BEIGE	LRV: 85.38; MFR: BENJAMIN MOORE; COLOR: CLAY BEIGE;				FINISH: CLEAR SEALED ASH; DEPTH: 8"; LENGTH: 24"; RADIUS: 3", BOTH SIDES; MOUNT: DRYWALLL;	WA 0		COLOR: WARM WHITE; CAPACITY: 20LBS. / FT; NOTE: Includes eight (8x) each Click & Connect connectors, #6 x 1.25" screws and TripleGrip anchors;
		GRID MODEL: USG INDENTITEE DXI WITH STABILIZER BARS; GRID: 9/16"; GRID COLOR: FLAT WHITE 050; NOTE: LBC RED-LIST FREE;	CPT-2	CARPET TILE MS	IOTE: USE TAC-TILES FOR INSTALL PER MFR INSTRUCTIONS; IFR: INTERFACE; TYLE: DIMINUENDO; COLOR: TRAVERTINE;	INIQI II 1	INSULATION.	INTERIOR LITE: 1/4" CLEAR; COATING: SOLARBAN 70, #2 SURFACE; COLOR: 3-4051 (SPENCER), #4 SURFACE; PRODUCT: MINERAL-FIBER SOUND-ATTENUA		PTC	WHITE	NUMBER: OC-11; LRV; 62.87 MFR: BENJAMIN MOORE; COLOR: LAMBSKIN; NUMBER: OC-3:		TA-17A	MIRROR UNIT	MFR: RENWIL; PRODUCT:WEBSTER; SIZE: 26"W X 40"H X 0.5"D; FRAME FINISH: Iron - Black Powdercoated Finish;	WA-2	ACCESORY	MFR: ROPPE; PRODUCT: RUBBER ACCESSORY COVE CAP; STYLE: #46 COVE CAP 1/8"; COLOR: 131 BISQUE; NOTE: LBC REDLIST FREE AND USA MADE;
ACCL-2	ACOUSTICAL PANEL CEILING SYSTEM	MFR: USG; PRODUCT: MARS ACOUSTICAL PANEL; PANEL SIZE: 24" X 24 X 7/8" ; PANEL EDGE: TEGULAR;		NI BA DI IN	IUMBER: 106700; ACKING: C-QUEST BIO X; IIMENSIONS: 25CM X 1M; ISTALLATION: ASHLAR			ON ASTM/TYPE: C665, TYPE I; COMPRESSIVE: N/A; R-VALUE: N/A; FACER: UNFACED;		PTD		NUMBER: OC-3; LRV: 71; MFR: BENJAMIN MOORE; COLOR: PALE OAK; NUMBER: OC-20:		TA-17B		MODEL: MT2394; MFR: BOBRICK; PRODUCT: MIRROR WITHN STAINLESS STEEL CHANNEL FRAME; SIZE: 24" X 36"	WAVB-1	WATER, AIR, AND VAPOR BARRIER MEMBRANE	PRODUCT: FLUID-APPLIED AIR BARRIER; AIR: 0.004 CFM/SF AT 1.57 PSF MAX; /APOR: IMPERMEABLE (LESS THAN 0.1 PERMS); MFR: CARNEGIE:
		PANEL COLOR: WHITE; NRC: 0.80; GRID: USG DX; GRID COLOR: WHITE;	CPT-3	CARPET TILE M	IOTE: USE TAC TILES FOR INSTALL REP MER INSTRUCTIONS: IFR: INTERFACE; OLLECTION: MONOCHROME; OLOR: MIX OF PEACH 101823, PERSIMMON 101818, EARTH RUST	INSUL-2	INSULATION, EXTERIOR WALL	VAPOR: PERMEABLE (MORE THAN 10 PERMS) THICKNESS: SEE DRAWINGS; PRODUCT: EXPANDED POLYSTYRENE; ASTM/TYPE: C578, TYPE IX;);	PTE	PAINT COLOR, CORAL	LRV: 69; MFR: BENJAMIN MOORE; COLOR: POTTERS CLAY; NUMBER: 1221:		TA-19	НООК	MODEL: B-1658 2436; MFR: BOBRICK; PRODUCT: FINO COAT HOOK; FINISH: STAINLESS STEEL:			PRODUCT: XOREL; PATTERN: Meteor; COLOR: 717; CONTENT: 100% IFR Xorel®
ACCL-3	ACOUSTICAL PANEL CEILING SYSTEM	VERIFY WITH EXISTING MFR: USG; PRODUCT: ACOUSTIC SF ACOUSTICAL PANEL; PANEL SIZE: 24" X 24" X 1";	3	BA DI IN	01817, SPUN GOLD 101814, MALT 101803; ACKINTERG: CQUEST BIOX; IMENSIONS: 50CM X 50CM W/ CUSTOM SHAPES; ISTALLATION: SEE ENLARGED PLAN FOR INSTALL PATTERN;	1	CAVITY	COMPRESSIVE: 25 PSI MIN.; R-VALUE: 4.2 PER INCH; FACER: UNFACED; VAPOR: SEMI-PERMEABLE (MORE THAN 1, UP	P TO 10 PERMS);	PTF	,	MFR: BENJAMIN MOORE; COLOR: BURGUNDY ROSE; NUMBER: 1280;		TA-20	SHOWER ROD AND CURTAIN	SKU: B-9542; MFR: BOBRICK; PRODUCT: HEAVY DUTY SHOWER ROD WITH CONCEALED MOUNTING:			FINISH: NONE; BACKING: X-Protect™ Wall; WIDTH: 56"; NSTALL: USE MFR RECOMMENDED WATER-BASED ADHESIVE;
		PANEL EDGE: SEMI CONCEALED GRID (SFAR); PANEL COLOR: FLAT WHITE; NRC: 0.70; GRID MODEL: USG DX SEMI CONCEALED WITH WALL SPRING CLIPS GRID: 15/16":	S; CPT4	CO CARPETILE N S	IOTE: USE LOKDOTS FOR INSTALL PER MFR INSTRUCTIONS; ONTACT: MAREN BILGRIEN, maren.bilgrien@interface.com; IFR-INTERFACE: TYLE: BROOME STREET;	INSUL-3		THICKNESS: SEE DRAWINGS; PRODUCT: POLYISO INSULATION, FLAT/TAPEI ASTM/TYPE: C1289, TYPE II, CLASS 2; COMPRESSIVE: 20 PSI;	,	PTH		MFR: BENJAMIN MOORE; COLOR: BAKED TERRA COTTA; NUMBER: 1202; MFR: BENJAMIN MOORE; COLOR: TO MATCH SMF-1/SMF-		TA-23 TA-24	HAND DRYER DIAPER-CHANGING	FINISH: STAINLESS STEEL; SKU: B-207; SEE PLUMBING SCHEDULE	WCVG-2A	WALLCOVERING	NOTE: LBC RED-LIST FREE AND C2C GOLD; MFR: DESIGNTEX; PRODUCT: BESPOKE SURFACE IMAGING; MATERIAL: DW11 DNA - WALLCOVERING;
ACP-1A	ACOUSTIC PANEL	GRID COLOR: WHITE; NOTE: LBC RED-LIST FREE; MFR: BAUX;		NI B <i>i</i> DI	OLOR: CORAL GLASS; IUMBER: 106210; ACKING: C-QUEST BIO X; IIMENSIONS: 50CM X 50CM; NSTALLATION: MONOLITHIC:			R-VALUE: 5.7 PER INCH; FACER: COATED GLASS; VAPOR: SEMI-IMPERMEABLE (MORE THAN 0.1 THICKNESS (FLAT): SEE DRAWINGS; SLOPE (FIELD): 1/4" PER FOOT, UNO.:	1, UP TO 1 PERM);	RB-1A	RUBBER BASE	MFR: JOHNSONITE; PRODUCT: BASEWORKS RUBBEF SHAPE: SEE FINISH GENERAL NO THICKNESS: 2.5MM:	R BASE;	1A-24	STATION	PRODUCT: CP0016HCS BabyMedi® Baby Changing Station; FINISH: Satin Stainless Steel & White; TYPE: Horizontal Surface-Mounted; SIZE: 33-7/8"W x 18-7/8"H x 3-7/8"D, 22-1/2"D WHEN OPEN;			PATTERN: ARCHITECT TO PROVIDE CUSTOM ART; WIDTH: 54 INCHES (52" MAX PRINTABLE); CONTENT: 50% VIRGIN WOOD PULP, 40% SYNTHETIC LATEX, 10% POLYESTER FIBER;
		PRODUCT: WOOD WOOL PANEL; STYLE: LINES; COLOR: HEAT RUST RED; SIZE: 1160mm x 580mm x 25mm thick; INSTALLATION: GLUE (WG1);	CPT-5	CARPET TILE MS	OTE: USE TAC-TILES FOR INSTALL PER MFR INSTRUCTIONS; IFR: INTERFACE; TYLE: MERCER STREET;	INSUL-4	INSULATION, EXTERIOR WALL	SLOPE (CRICKET): 1/2" PER FOOT, UNO.; PRODUCT: MINERAL WOOL BLANKET; ASTM/TYPE: C665, TYPE I;		DD 40	RUBBER BASE	SIZE: 4"; COLOR: STONE COTTAGE; NOTE: CRADLE TO CRADLE, SILV		TL-1A	CERAMIC WALL TILE		WCVG-2B	WALLCOVERING	NSTALL: USE MFR RECOMMENDED WATER-BASED ADHESIVE; MFR: DESIGNTEX; PRODUCT: BESPOKE SURFACE IMAGING; MATERIAL: DW11 DNA - WALLCOVERING;
ACP-1B	ACOUSTIC PANEL	HAYOUT: SEE ELEVATION FOR PATTERN; MFR: BAUX; PRODUCT: WOOD WOOL PANEL; STYLE: ARCH:		NI B <i>j</i> DI	OLOR: CONCRETE CIRCLE; IUMBER: 105762; ACKING: C-QUEST BIO X; IIMENSIONS: 50CM X 50CM; NSTALLATION: MONOLITHIC:		PARAPET	COMPRESSIVE: N/A; R-VALUE: 4.0/INCH; FACER: UNFACED; VAPOR: PERMEABLE (MORE THAN 10 PERMS) THICKNESS: SEE DRAWINGS:		RB-1B	RUBBER BASE	MFR: JOHNSONITE; PRODUCT: BASEWORKS RUBBEF SHAPE: SEE FINISH GENERAL NO THICKNESS: 2.5MM; SIZE: 4":	,			NUMBER: 4101 V 059029; DIMENSIONS: 12" X 24"; THICKNESS: .47"; GROUT: TBD;			PATTERN: ARCHITECT TO PROVIDE CUSTOM ART; WIDTH: 54 inches (52" MAX PRINTABLE); CONTENT: 50% VIRGIN WOOD PULP, 40% SYNTHETIC LATEX, 10% POLYESTER FIBER;
		STYLE: ARCH, COLOR: HEAT RUST RED; SIZE: 1160mm x 580mm x 25mm thick; INSTALLATION: GLUE (WG1); LAYOUT: SEE ELEVATION FOR PATTERN:	CPT-6	CARPET TILE M	IOTE: USE TAC-TILES FOR INSTALL PER MFR INSTRUCTIONS; IFR: SHAW; RODUCT: BOTTLE FLOOR; TYLE: FELTED 5T455:	INSUL-5	INSULATION, EXTERIOR STOREFRONT SPANDREL	PRODUCT: FOIL-FACED MINERAL WOOL BOAF MFR: ROCKWOOL; STYLE: CURTAINROCK 40; ASTM/TYPE: C612. TYPE IVB:		RB-1C		COLOR: STORMCLOUD 71; NOTE: CRADLE TO CRADLE, SILV MFR: JOHNSONITE; PRODUCT: BASEWORKS RUBBEF	,	TL-1B	CERAMIC WALL TILE	COLLECTION: CORE COLLECTION SOLIDS; PRODUCT: SHAPES; COLOR: VIVID WHITE;	WCVG-3A	WALLCOVERING -	NSTALL-USE MER RECOMMENDED WATER-BASED ADHESIVE: MFR: DESIGNTEX; PRODUCT: WANNABE; CONTENT: 55% POLYESTER (PRECONSUMER RECYCLED, SOLUTION
ACP-1C		MFR: BAUX; PRODUCT: WOOD WOOL PANEL; STYLE: CURVE; COLOR: HEAT RUST RED:		CO B <i>j</i> DI	OLOR: VELVETEEN 665; ACKING: ECOWORX; IMENSIONS: 9" X 36" LOOR INSTALLATION: ASHLAR;	INSUL-6	LOW-EXPANDING	R-VALUE: 4.2/INCH; FACER: FOIL-FACED; THICKNESS: SEE DRAWINGS; PRODUCT: LOW-EXPANDING FOAM SEALANT;				SHAPE: SEE FINISH GENERAL NO THICKNESS: 2.5MM; SIZE: 4"; COLOR: SANDSTORM CB;	DTES;			NUMBER: 5102 V 059029; DIMENSIONS: 12" X 24"; THICKNESS: .47"; GROUT: TBD; INSTALL PATTERN: SEE ELEVATIONS. RANDOMIZE TL-1A AND TL-18			DYED), 95% POLYESTER (PÓSTCONSUMER RECYCLED, SOLUTION DYED); COLOR: HINT; WIDTH: 63"; SKU: 6646-702
ACP-2A		SIZE: 1160mm x 580mm x 25mm thick; INSTALLATION: GLUE (WG1); LAYOUT: SEE ELEVATION FOR PATTERN; MER: KINETICS:		B/NO FL	VALL INSTALLATION: USE FACTORY EDGE AS TOP OF CARPET TI ASE; IOTE: USE LOKDOTS FOR INSTALL PER MFR INSTRUCTIONS FOR LOORING APPLICATION, USE SHAW 3800 ADHESIVE PER MFR	LE NOVA 4	FOAM SEALANT MILLWORK ACCESSORY - CABINET PULL	MFR: IKEA; PRODUCT: BEGRIPA HANDLE; DESCRIPTION: HALF ROUND CABINET PULL;	,	RB-1D	RUBBER BASE	NOTE: CRADLE TO CRADLE, SILV MFR: JOHNSONITE; PRODUCT: BASEWORKS RUBBEF SHAPE: SEE FINISH GENERAL NO	R BASE;	TL-2A	CERAMIC WALL TILE	LOCATIONS; MFR: MOSA; COLLECTION: CORE COLLECTION SOLIDS;	WCVG-3B		NSTALLATION: STRAIGHT HANG, RANDOM MATCH, VERTICAL SEAMS; NOTE: USE MFR RECOMMENDED WATER-BASED ADHESIVE; MFR: DESIGNTEX:
7.01 27	PANEL	PRODUCT NAME: HARDSIDE; THICKNESS: 1"; EDGE: RADIUS; SIZE: 4' X 10' MAX PANEL SIZE, SEE ELEV FOR DIMENSIONS;	CPT-7	CARPET TILE MCC	NSTRUCTIONS FOR WALL APPLICATION; IFR: INTERFACE; OLLECTION: LOOK BOTH WAYS; TYLE: STEP THIS WAY;		CABINET FULL	Length: 5 1/8 "; Width: 2 9/16 "; Depth: 7/8 "; Drilled hole diameter: 1/4 ";				THICKNESS: 2.5MM; SIZE: 4"; COLOR: CANVAS WB; NOTE: CRADLE TO CRADLE, SILV	,			PRODUCT: SHAPES; COLOR: VIVID WHITE; NUMBER: 5102 V 049026; DIMENSIONS: 19" X 10"; THICKNESS: 47":	(WCVG-3B	FELT	PRODUCT: WANNABE; CONTENT: 5% POLYESTER (PRECONSUMER RECYCLED, SOLUTION DYED), 95% POLYESTER (POSTCONSUMER RECYCLED, SOLUTION DYED);
		MOUNTING: Z-CLIP; FABRIC SPEC:; TEXTILE BRAND: GUILFORD OF MAINE; TEXTILE NAME: FR701 2100; COLOR: QUARTZ 380;		PF FI B/	COLOR: ALBA 106323; RODUCT: 1417602500; IBER: 100% RECYCLED NYLON AQUAFIL; ACKING: C-QUEST BIO X; IMENSIONS: 50CM X 50CM:	MWA-2	MILLWORK ACCESSORY -	Hole spacing: 3 3/4 "; COLOR: WHITE; MFR: Hafele; PRODUCT: Centerline Brackets Series:		RFBD-1		PRODUCT: HIGH-DENSITY POLYIS ASTM/TYPE: C1289, TYPE II, CLAS COMPRESSIVE: 80 PSI, MIN.; R-VALUE: 2.5 TOTAL;		TL-2B	CERAMIC WALL TILE	GROUT: TBD; INSTALL PATTERN: SEE ELEVATIONS, RANDOMIZE TL-2A AND TL-2E LOCATIONS; MER: MOSA:			COLOŔ: HINT; WIDTH: 63"; SKU: 6646-702; NSTALLATION: STRAIGHT HANG, RANDOM MATCH, VERTICAL
ACP-2B	ACOUSTIC WRAPPED PANEL	MFR: KINETICS; PRODUCT NAME: HARDSIDE; THICKNESS: 1";	DMAT-1	BELOW GRADE PF	NSTALLATION: ASHLAR; NOTE: USE TAC-TILES FOR INSTALL PER MFR INSTRUCTIONS; RODUCT: NON-WOVEN, GEOTEXTILE FACE MOLDED SHEET		COUNTERTOP BRACKET	SIZE: 10" D to 14" D, 2-1/2" Wide, 3/8" Thick; TYPE: Front Mounting Countertop Bracket; MATERIAL: Hand Crafted Premium Steel, in Powo MOUNT: Surface Mount in Vertical Plate at Stud L		RFL-1A	RESILIENT FLOORING		,	TL-2D		COLLECTION: CORE COLLECTION SOLIDS; PRODUCT: SHAPES; COLOR: COOL PORCELAIN WHITE; NUMBER: 200 V 049026:	Wargan	MALLOOVERING - CORK	SEAMS; NOTE: USE MFR RECOMMENDED WATER-BASED ADHESIVE; MER: KOROSEAL; PRODUCT: WALLTALKERS;
		EDGE: RADIUS; SIZE: 4' X 10' MAX PANEL SIZE, SEE ELEV FOR DIMENSIONS; MOUNTING: Z-CLIP; FABRIC SPEC:; TEXTILE BRAND: MAHARAM;	DRPY-1	DRAINAGE MAT TH DRAPERY DI	RAINAGE MAT; HICKNESS: 1/2"; RAPERY FULLNESS: 100%; YPE: RIPPLEFOLD, 4";	MWA-3	MILLWORK ACCESSORY - TRASI BIN	MFR: RUBBERMAID; H PRODUCT: OFFICE TRASH CAN - 10 GAL.; MODEL: S-13527BE; FINISH: BEIGE;		RFL-1B	LINOLEUM RESILIENT FLOORING					DIMENSIONS: 19" X 10"; THICKNESS: .47"; GROUT: TBD; INSTALL PATTERN: SEE ELEVATIONS, RANDOMIZE TL-2A AND TL-2B	3		WIDTH: 48" COLOR: ACORN 86; NSTALL: VERTICAL SEAMS, STRAIGHT MATCH, REVERSE HANG; NSTALL: USE MFR RECOMMENDED WATER-BASED ADHESIVE;
400.0		TEXTILE NAME: METHOD; CODE: 466579; COLOR: 020 CATTAIL;		TE PF CO	INING: NONE; EXTILE MFR: CARNEGIE; RODUCT: BIJOUX 6868; OLOR: 2; VIDTH: 55";	MWA-4	MILLWORK ACCESSORY - LAZY SUSAN	DIMENSIONS: 15" L x 11" W x 20" H MFR: ROCKLER; PRODUCT: LAZY SUSAN, EXTRA LARGE; MATERIAL: Aluminum swivel with ball-bearing cor	nstruction;	RFMB-1	ROOFING MEMBRANE	PRODUCT NAME: CORQUES LIQUED COLOR: B343; THICKNESS: .08"; , MFR: ELEVATE (FIRESTONE BUIL		TL-3	CERAMIC TILE	LOCATIONS; MFR: MOSA; COLLECTION: CORE; PRODUCT: SOLIDS;	WD-1	CLEAR COAT	PRODUCT: SOLID WOOD TRIM AND VENEER PLYWOOD SPECIES: WHITE ASH; CUT: QUARTERED; VENEER MATCHING: REVERSE SLIP MATCH;
ACP-3		MFR: KINE HCS; PRODUCT NAME: TAD PANEL; THICKNESS: 1-1/8"; EDGE: RADIUS; SIZE: 4' X 8 MAX PANEL SIZE. SEE ELEV FOR DIMENSIONS:		C(FI)	ONDER 35; CONTENT: 100% FR POLYESTER; INISH: NONE; RACK MFR: SILENT GLISS; RODUCT: SG3840:	MWA-5	MILLWORK ACCESSORY -	SIZE: 23-5/8" dia. x 7/8" H (including rubber feet); CAPACITY: UP TO 660 LBS.; MFR: RICHELIEU; PRODUCT: INDUSTRIAL GREY THERMOPLAST	TIC RUBBER CASTER;		TPO	EQUAL ALTERNATE; PRODUCT: FIRESTONE ULTRAPL THICKNESS: 60-MILS; INSTALL: FULLY-ADHERED; COLOR: WHITE:	Y TPO;			COLOR: VIVID WHITE; NUMBER: 5102 V 060060; DIMENSIONS: 24" X 24"; THICKNESS: .47";	WD-2	WOOD, PLYWOOD	FINISH: CLEAR, WATERBASED SEALER; PRODUCT: ASH HARDWOOD PLYWOOD, CABINET GRADE; GRADE: A/A; CUT: ROTARY;
		MOUNTING: Z-CLIP; FABRIC SPEC:; TEXTILE BRAND: GUILFORD OF MAINE; TEXTILE NAME: FR701 2100;		FI	PERATION: CORD; ITTING: CEILING OR WALL; OLOR: WHITE RAL 9016; EE RCP FOR CURVED/STRAIGHT TRACK LOCATIONS/ DIMENSIOI	NS	CASTER	MATERIAL: TPR; SIZE: 5" WHEEL DIA. OVERALL 6 5/32" H, MOU! 5/8"; FASTENING TYPE: SWIVEL WITHOUT BREAK; CAPACITY: UP TO 298 LBS. EACH:	NTING PLATE 2 7/8" X 3			EXTERIOR FIRE TEST EXPOSURE REQUIREMENTS OF CLASS-A OR WARRANTY: 20 YEAR; NOTE: SFM-3 TO BE REFERENCE	CLASS-B FIRE RATING;	TL-4	CERAMIC TILE BASE	GROUT: TBD; MFR: MOSA; COLLECTION: CORE; PRODUCT: SOLIDS;			FHICKNESS: 3/4"; SHEET SIZE: 4' X 8'; PLY: 7-PLY; FINISH: CLEAR, MATTE WATERBASED SEALER, ZERO VOC; NOTE: SEAL ALL FACES AND EDGES:
ACP-4	ACOUSTIC PANEL	GOLOR: OHARTZ 366; A A A A A A A A A A A A A A A A A A	h IFAFL-1	COATING, CLEAR PF	IFR: COVERTEC; RODUCT: STRONGSEAL PLUS; OLOR: CLEAR; HEEN: MATTE;	MWA-6	MILLWORK ACCESSORY - GROMMET	MFR: DOUG MOCKETT; PRODUCT: OVAL DESK GROMMET KING KONG COLOR: DESERT SAND (93D);	0,	RFMB-2	ROOFING AIR/VAPOR BARRIER	"COATED METAL FLASHING"; MFR: ELEVATE (FIRESTONE BUIL EQUAL ALTERNATE; PRODUCT: V-FORCE AIR-VAPOR	, , , , , , , , , , , , , , , , , , , ,			COLOR: VIVID WHITE; NUMBER: 5102V 060060; DIMENSIONS: 4" X 24"; THICKNESS: .47"; GROUT: TBD:	WD-3	WOOD, WHITE MAPLE, MATCH EXISTING	PRODUCT: SOLID WOOD TRIM AND VENEER PLYWOOD; SPECIES: MAPLE TO MATCH EXISTING; CUT: TO MATCH EXISTING; VENEER MATCHING: TO MATCH EXISTING:
ALSE-AL JA		SIZE: 4' X 8 MAX PANEL SIZE, SEE ELEV FOR DIMENSIONS; MOUNTING: PIN CLIP AND ADHESIVE; COLOR: POLAR; MFR:KAMINER: PRODUCT: TRIFAB VERSA GLAZE FRAMING SYSTEM;		AI FC SI	OC: <50/GL; DDITIVE: COVERGRIP ULTRAFINE DCOF 0.68 SLIP RESISTANCE; OR ALL NEW CONCRETE IN RESTROOMS; EE FINISHED FLOOR PLANS FOR LOCATIONS OF TOPPING; ROVIDE 4'X4' MOCK UP FOR REVIEW:	MWA-7	MILLWORK ACCESSORY - TRIM ANGLE	SIZE: 6-1/2" X 3" X 3/8" THICK, 5-7/8" OVAL CUT MFR: FRY REGLET; PRODUCT: MILLWORK REVEAL L ANGLE; SKU: MWRL100; COLOR: WHITE:	,	SECDR-2	SIDE SECURITY COIL	THICKNESS: 30-MILS; INSTALL: SELF-ADHERING;	,	TL-5	CERAMIC TILE	TO MATCH EXISTING; MFR: DAL TILE; STYLE: GLAZED WALL TILE; SIZE: 6 x 6 x 1/4";	WD-4	WOOD, PAINT GRADE	FINISH: CLEAR, WATERBASED SEALER, RESULT TO MATCH EXISTING; PRODUCT: PAINT GRADE MDF; FHICKNESS: 3/4";
		MODEL: 451; GLAZING METHOD: FULLY CAPTURED; GLAZING PLANE: FRONT;	FEC-1	RECESSED FIRE MEXTINGUISHER CABINET WITH CO	ROVIDE 4'X4' MOCK UP FOR REVIEW; IFR: LARSEN; :TYLE: ARCHITECTURAL SERIES, SOLID; :OLOR: WHITE; RIM: FLAT TRIM FULLY RECESSED:	MWA-8	MILLWORK ACCESSORY - WIRE MANAGER	COLOR: WHITE; SIZE: 1" X 1"; MFR: DOUG MOCKETT; PRODUCT: J-SHAPE UNDER DESK WIRE CABL W/FLANGE:	LE MANAGER	SHTG-1		PATTERN: ALUMINUM CLÉAR AND MOTORIZED PRODUCT: GLASS-MAT GYPSUM THICKNESS: 5/8" TYPICAL, UNO.;	SHEATHING;	ΤΙ Δ_1		SIZE: 6 x 6 x 1/4"; COLOR: 0170, BOMBAY; GROUT: TO MATCH EXISTING; MAPAI - #00, WHITE OR EQUAL; MFR: SCHLUTER:	WDPNL-1	WOOD-TAMBOUR	FINISH: PT-3B ON ALL SURFACES, CUTOUTS AND EDGES; NOTE: FSC CERTIFIED WOOD; WFR: SURFACING SOLUTION; PRODUCT: SOLID WOOD FLEXIBLE TAMBOUR;
ALCE O		FRAMING SIZE: 2" X 4 1/2"; FRAMING TYPE: NONTHERMAL; FINISH/COLOR: POWDER COATED WHITE; GLAZING: GL-1/1T, 1/4" TYPICAL, UNO; MED: KAWNIEED:	FFCC	M. LE PF	IATERIAL: STEEL; ETTERING TYPE: TYPE A IN BLACK; ROVIDE CLASS A FIRE EXTINGUISHER WITH CABINET;	MWA-9	MILLWORK ACCESSORY -	W/FLANGE; SKU: WM22; COLOR: BLACK; MFR: DOUG MOCKETT; PRODUCT: DP128;		SHTG-2		NOTE: PROVIDE TYPE X WHERE PRODUCT: EXTERIOR-GRADE PL' TYPE: CDX TYPICAL, UNO.; THICKNESS: 3/4" TYPICAL, UNO.;			THE ACCESSORY	MFR: SCHLUTER; PRODUCT: DILEX-AHK; FINISH: SATIN NICKEL ANONDIZED ALUMINUM; NUMBER: AHK 1S 125 AT; DIMENSIONS: 1/2";			PROFILE: T493; SPECIES: ASH; PANEL SIZE: SEE DRAWINGS; SLAT WIDTH: 1";
ALSF-2	STOREFRONT	PRODUCT: TRIFAB VERSA GLAZE FRAMING SYSTEM; MODEL: 451T; GLAZING METHOD: 4-SIDE CAPTURE; GLAZING PLANE: FRONT;	reu-2	EXTINGUISHER CABINET WITH COEXTIGUISHER TF	IFR: LARSEN; TYLE: ARCHITECTURAL SERIES, SOLID; :OLOR: WHITE; RIM: FLAT TRIM SEMI RECESSED; IATERIAL: STEEL;	OFOI-1	CABINET PULL SECURITY GATE -	DESCRIPTION: ROUND TOP PULL; SIZE: 6-11/16"; FINISH: STAINLESS STEEL (SSS);		SLR-1	WATER REPELLANT BRICK COATING, CLEAR CONCRETE SEALER	MFR: PROSOCO; PRODUCT: SILOXANE WB CONCE	ENTRATE:	TLA-2		MFR: SCHLUTER; PRODUCT: DILEX-AHKA; FINISH: SATIN NICKEL ANODIZED ALUMINUM; NUMBER: AHKA 125 AT;	WGD-1	CHAIR RAIL	FHICKNESS: 1/2"; FINISH: CLEAR, WATERBASED SEALER; MFR: R.C. MUSSON RUBBER CO.; PRODUCT: FLAT WEIGHT MATCHES EXISTING
		FRAMING SIZE: 2" X 4 1/2"; FRAMING TYPE: THERMALLY BROKEN; FINISH: FLUROPON PURE BY SHERWIN WILLIAMS; COLOR: BLACK. EXTRUSION 398A1632:	FILM-1	LE PF	IATERIAL: STEEL, ETTERING TYPE: TYPE A IN BLACK; ROVIDE CLASS A FIRE EXTINGUISHER WITH CABINET; IFR: SKYLINE DESIGN; RODUCT: FILM STUDIO;	OHDR-1	OWNER FURNISHED OWNER INSTALLED FIRE RATED	MFR: OVERHEAD DOOR; MODEL: FIRE KING 634;		SMF-1	ALUMINUM SHEET METAL FLASHING AND TRIM, BLACK	PRODUCT: CONSOLIDECK LS; PRODUCT: PREFINISHED FORME THICKNESS: 0.040" TYP, UNO. SE FINISH: FLUROPON PURE BY SHE	E SPEC:	TLA-3		DIMENSIONS: 1/2"; MFR: SHLUTER; PRODUCT: JOLLY EDGE TRIM; FINISH: SATIN NICKEL ANODIZED ALUMINUM;	\parallel		MODEL: WG-6 (VERIFY HEIGHT MATCHES EXISTING; NSTALL: CLIP ON MOUNTING SYSTEM; FINISH: MATCH EXISTING; PROVIDE BULL NOSE END CAP AT OPENINGS;
		GLAZING: IGU-1/1T TYPICAL, UNO; SYSTEM CRF: 62 FRAME 68 GLASS w/ IGU-1; SYSTEM STC:; SYSTEM R-VALUE: R-2.5 w/ IGU-1; SYSTEM LLVALUE: 0.40 w/ IGU-1;		Ri CC Pf	OLL SIZE: 58" W x 45' L; ONTENT: PVC-FREE POLYESTER FILM; RIVACY: SOLID ETCH; ATTERN: GRADIENT MID;	 PNI -1	MIN PANEL PRODUCT -	PROVIDE STEEL JAMB STRUCTURE; COLOR: WHITE; RATING: 120 MIN (PRODUCT COMES ONLY IN A	4 HR);	SMF-2	STAINLESS STEEL SHEET METAL	COLOR: BLACK. COIL: 438A852; NOTE: VERIFY & MATCH ALSF-2/A PRODUCT: PREFINISHED FORME THICKNESS: 0.025" TYP (24 GA.),	LSF-3; D STAINLESS STEEL FLASHING; UNO. SEE SPEC;	TPTN-1	TOILET PARTITION	NUMBER: A125ATGB; DIMENSIONS: 1/2"; MFR: HADRIAN INC; PRODUCT: STAINLESS STEEL PARTITION;	WGD-2	CORNER GUARD	nttps://mussonrubber.com/product/flat-wall-guards/ MFR: INPRO; PRODUCT: CORNER GUARD; MODEL: SAS-1824H-304;
		SYSTEM U-VALUE: 0.40 w/ IGU-1; NOTES: SEE DRAWINGS FOR ASSOCIATED ALUMINUM SHAPES PROVIDED BY INSTALLER. SEE DRAWINGS FOR REQ'D STRUCT. DEFLECTION BY LOCATION, PROVIDE RECEPTOR HEAD AS REQ'D	FLA-1	FLOORING MACCESORY PF	ACKING: WATER-BASED PRESSURE-SENSITIVE ADHESIVE; IZE: SEE ELEVATION; IFR: ROPPE; RODUCT: RUBBER ACCESSORY EDGE GUARD;		METAL PEGBOARD	PRODUCT: PEGBOARD MX; MATERIAL: STEEL; COLOR: BONE WHITE; SIZE: 4' X 8';		SMF-3	FLASHING AND TRIM, BLACK	FINISH: FLUROPON PURE BY SHE COLOR: BLACK. COIL: 438A852; NOTE: VERIFY & MATCH ALSF-2/A PRODUCT: RFMB-1 MFR'S TYPICA	RWIN WILLIAMS, COIL-COATED;			MOUNT: CEILING; FINISH: EMBOSSED STAINLESS STEEL; CONTENT: 91% (76% post-consumer and 15% pre-consumer) recycled content;			WINGS: 2"; HEIGHT: 48"; NSTALL: SCREW-ON; MATERIAL: 304 STAINLESS; FINISH: NO.4 SATIN;
ALSF-3		MFR: KAWNEER; PRODUCT: TRIFAB VERSA GLAZE FRAMING SYSTEM; MODEL: 601T; GLAZING METHOD: 4-SIDE CAPTURE; GLAZING PLANE: FRONT:		ST CO	TYLE: #34 UNDERLAP CARPET EDGE 3/16"; OLOR: 174 SMOKE; NSTALLATION: RADIUS 6'-0"; IOTE: LBC REDLIST FREE AND USA MADE;	PT-1_	INTERIOR LATEX, FLAT SHEEN	BACKING: BACKINGBOARD; PRODUCT: INTERIOR LATEX PAINT; SHEEN: FLAT; TYPE: INSTITUTIONAL LOW-ODOR/VOC;			METAL FLASHING AND	GALVANIZED STEEL SHEET META SHEET METAL: G-90 HOT-DIPPED SHEET METAL THICKNESS: 0.023 FINISH: TPO COATING;	AL FLASHING; GALVANIZED STEEL;	TWF-1		HARDWARE: CONTINUOUS HINGES AND CHANNELS; COAT HOOKS, ADA LEVERS, PRODUCT: YORK 304 SA FLASHING SYSTEM; WITH DRIP EDGE AND TERMINATION BAR;	WP-1 WT-1A	WATERPROOFING MEMBRANE WINDOW TREATMENT	PRODUCT: FLUID-APPLIED WATERPROOFING; /APOR: IMPERMEABLE (LESS THAN 0.1 PERMS); MFR: MECHOSHADE (DRAPER EQUIVOLENT IS ACCEPTABLE); PRODUCT: ECOVEIL SHEER (DRAPER: SHEERWEAVE - INFINITY 2);
		GLAZING PLANE: FRONT; FRAMING SIZE: 2" X 6"; FRAMING NOTE: MFR'S HEAVY DUTY VERTICAL PROFILES, AS DETERMINED BY MFR; FRAMING TYPE: THERMALLY BROKEN;	FS-1 GBD-1	TYPICAL	RODUCT: PAPER-FACED GYPSUM BOARD; HICKNESS: 5/8" TYPICAL, UNO.;			MPI SYSTEM: INT 9.2M-G1; MPI TOPCOAT: 143 X-GREEN; COLOR: SEE PT LETTER; NOTE: LBC DECLARE REDLIST FREE;				FINISH THICKNES: .032" COLOR: MATCH RFMB-1; SIZE: AS NOTED ON DRAWINGS; NOTE: CONFIGURATION AND INS REQ'TS FOR WARRANTY. SEE RF		T7.4		BASE: BUTYL-BASED; BASE THICKNESS: 18 MIL (.018"); FINISH: 304 STAINLESS STEEL SHEET; FINISH THICKNESS: 2 MIL (.002")			SYSTEM: URBANSHADE MOTORIZED SYSTEM; COLOR: EGGSHELL 1566 (DRAPER: COTTON); CONTENT: 100% TPO; WIDTH: 118";
		FINISH: FLUROPON PURE BY SHERWIN WILLIAMS; COLOR: BLACK. EXTRUSION 398A1632; GLAZING: IGU-1/1T TYPICAL, UNO; SYSTEM CRF: 69 FRAME, 70 GLASS w/ IGU-1;	GBD-2	GYPSUM BOARD, PF SHAFTLINER TH	OTE: PROVIDE TYPE X WHERE FIRE-RATED RODUCT: PAPER-FACED GYPSUM BOARD; HICKNESS: 1" TYPICAL; OTE: PROVIDE TYPE X WHERE FIRE-RATED	PT-2_	INTERIOR LATEX, EGGSHELL SHEEN	PRODUCT: INTERIOR LATEX PAINT; SHEEN: EGGSHELL; TYPE: INSTITUTIONAL LOW-ODOR VOC; MPI SYSTEM: INT 9.2M-G3; MPI TOPCOAT: 445 Y, GREEN:		SSF-1	SOLID SURFACE - QUARTZ	MFR: COSENTINO; PRODUCT: SILESTONE; COLOR: FARO WHITE; THICKNESS: 2CM:	51 25	12-1	PRECAST TERRAZZO	MFR: NASCO; PRODUCT: AGGLO MAFI; SLAB SIZE: 120" x 49"; THICKNESS: 3/4" PROFILE EDGE: BULLNOSE. SEE MW DRAWINGS:			OPENNESS: 3% NOTE: PVC-FREE, CRADLE TO CRADLE SILVER; SEE DETAILS FOR ENCLOSURE - POCKET STYLE HEAD BOX; STANDARD HEM BAR - SEALED END;
		SYSTEM STC:; SYSTEM R-VALUE: R-2.44 w/ IGU-1; SYSTEM U-VALUE: 0.41 w/ IGU-1; NOTES: SEE DRAWINGS FOR ASSOCIATED ALUMINUM SHAPES PROVIDED BY INSTALLER, SEE DRAWINGS FOR REO'D STRUCTURA	GL-1	CLEAR TH	RODUCT: MONOLITHIC GLASS; HICKNESS: 1/4" TYPICAL, UNO; HICKNESS AT GLSF-1: 1/2" TYPICAL, UNO; COLOR: CLEAR;	PT-3_	INTERIOR HIGH	MPI TOPCOAT: 145 X-GREEN; COLOR: SEE PT LETTER; NOTE: LBC DECLARE REDLIST FREE; PAINT FOR WOOD SUBSTRATE; PRODLICT: INTERIOR HIGH PERFORMANCE LA	ATEY DAINIT.	TA-1	TOILET TISSUE (ROLL)	EDGE: BULLNOSË; FINISH: SUEDE; MFR: BOBRICK;	Roll Tissue Disponer w/ St-16	LIDH 1	UPHOLSTERY	FROFILE EDGE: BULLNOSE, SEE MW DRAWINGS; FINISH: HONED; NOTE: PROVIDE MFR WITH DRAWINGS AND DIMENSIONS FOR PRE-CUT PRODUCT; MFR: CARNEGIE:	WT-1B	- BLACKOUT SHADE	MFR: MECHOSHADE (DRAPER EQUIVOLENT IS ACCEPTABLE); PRODUCT: CHELSEA BLACKOUT 0250 SERIES (DRAPER: MERMET FLOCKE); SYSTEM: URBANSHADE MOTORIZED SYSTEM;
AXPNL-1	MUD IN ACCESS PANEL 24x24	PROVIDED BY INSTALLER. SEE DRAWINGS FOR REQ'D STRUCTURA DEFLECTION BY LOCATION, PROVIDE RECEPTOR HEAD AS REQ'D MFR: BAUCO ACCESS PANEL SOLUTIONS; PRODUCT NAME: BAUCO PLUS II;	GLSF-1	ALL-GLASS PF STOREFRONT HI SI	T GL-1T, PROVIDE FULLY TEMPERED SAFETY GLAZING RODUCT: ALL-GLASS STOREFRONT; IEAD FITTING: 1" X 1-1/2" U-CHANNEL; ILL FITTING: 1" X 1" U-CHANNEL; ILL FITTING: 1" X 1" U-CHANNEL;		PERFORMANCE LATEX, SEMIGLOSS SHEEN, WOOD	PRODUCT: INTERIOR HIGH PERFORMANCE LA SHEEN: SEMIGLOSS; TYPE: HIGH PERFORMANCE ARCHITECTURAL MPI SYSTEM: INT 6.3A-G5; MPI TOPCOAT: 141 X-GREEN;		TA 2		PRODUCT: Surface-Mounted Multi I FINISH: STAINLESS STEEL; SKU: B2840; SIZE: 5" X 4" X 16";	יוטו וואסטיש טוspenser W/ Shelf;	orn-I		COLLECTION: XÓREL; PRODUCT: SNAP KNIT; COLOR: 6019-4; WIDTH: 55";			COLOR: SAND (DRAPER: SAHEL); CONTENT: 50% ACRYLIC, 50% POLYESTER; WIDTH: 126"; DPENNESS: OPAQUE;
BRK-1	BRICK MASONRY VENEER	SIZE: 2' X 2'; CONCEALED HARDWARE GYPSUM WALLBOARD ACCESS PANEL MFR: ACME BRICK; SIZE (ACTUAL): NORMAN (3-5/8"W X 2-1/4"H X 11-5/8"L);	IGU-1	GI M. INSULATING GLASS M	INISH: BRIGHT BRUSHED ANODIZED; SLAZING: GL-1/1T, 1/2" TYPICAL, UNO; IAX GAP: 1/8", FILL JOINTS WITH SILICONE IFR: VITRO;	PT-4_	INTERIOR HIGH PERFORMANCE	MPI TOPCOAT: 141 X-GREEN; COLOR: SEE PT LETTER; NOTE: LBC DECLARE REDLIST FREE; PAINT FOR METAL SUBSTRATE; SHEEN: SEMIGLOSS:		1A-Z	SINK TRAP COVER	MFR: LACAVA; PRODUCT: TRAP COVER; FINISH: #21 BRUSHED STAINLESS SKU: RA098; SIZE: W: 4 5/8" X D: 4 3/4" X H: 11 3	,			CONTENT: 100% IFR XOREL; FINISH: NONE; BACKING: X-PROTECT SIT; APPLICATION: UPHOLSTERY;	WT-2	WINDOW TREATMENT - SUN SHADE	NOTE: PVC-FREE; MFR: MECHOSHADE (DRAPER EQUIVOLENT IS ACCEPTABLE); PRODUCT: ECOVEIL SHEER (DRAPER: SHEERWEAVE - INFINITY 2); SYSTEM: MECHO/5 MANUAL SASER (OR SASER STEER);
		COLÒR: DOVÉ GRAY, PEPÒ30; TEXTURE: SMOOTH; MORTAR: N; NOTE: CAVITY SPACE AND BOND TYPE VARY BY WALL TYPE;		UI EX SF	RODUCT: LOW-E-COATED, CLEAR INSULATING GLASS; INIT THICKNESS: 1"; XTERIOR LITE: 1/4" CLEAR; PACER: 1/2" WARM EDGE, BLACK; ILL CONTENT: AIR:		LATEX, SEMIGLOSS SHEEN, METAL	TYPE: HIGH PERFORMANCE ARCHITECTURAL MPI SYSTEM: INT 5.3M-G5; MPI TOPCOAT: 141 X-GREEN; COLOR: SEE PT LETTER;	L LATEX;	TA-8	COMBINATION TOWEL (FOLDED) DISPENSER / WASTE RECEPTACLE		Dispenser/Waste Receptacle;	UPH-2	UPHOLSTERY	MFR: MAHARAM; PRODUCT: COMPOUND; COLOR: 002 MIRAGE; CONTENT: 100% POLYESTER;			COLOR: EGGSHELL 1566 (DRAPER: COTTON); CONTENT: 100% TPO; WIDTH: 118"; DPENNESS: 3% NOTE: PVC-FREE, CRADLE TO CRADLE SILVER;
CFIN-1	POLISHED CONCRETE FINISH	GRADE: FBX PRODUCT: RETRO PLATE POLISHED CONCRETE FLOORING SYSTEN CLASS: B; SHEEN: LEVEL 2, SATIN; GRIT: 400:	EM;	IN CO VI SH	NTERIOR LITE: 1/4" CLEAR; COATING: SOLARBAN 70, #2 SURFACE; 'LT: 64%; HGC: 0.27;	PT-5		NOTE: LBC DECLARE REDLIST FREE; PAINT FOR METAL SUBSTRATE; SHEEN: SEMIGLOSS; SS TYPE: WATER-BASED COATING OVER GALVAI		TA-11		SKU: B-3803 + 368-60 INTERCHAN SEE PLUMBING SCHEDULE MFR: BOBRICK:	·,	VB-1	MEMBRANE, UNDER	PRODUCT: SHEET VAPOR RETARDER; ASTM E1745: CLASS A; THICKNESS: 15-MIL; VAPOR: IMPERMEABLE (LESS THAN 0.1 PERMS);	WT-3	WINDOW TREATMENT - BLACKOUT SHADE	
		GRIT: 400; FOR ALL NEW CONCRETE USE ABOVE; FOR EXISTING FLOORS:; USE CTS RAPID SET TRU PC POLISHED CONCRETE TOPPING PRIOF TO POLISHING.	R L		I-FACTOR WINTER: 0.28;		SHEEN, METAL	MPI SYSTEM: EXT 5.3J-G5; MPI TOPCOAT: 163; COLOR: SEE PT LETTER;	,	10-14		MFR: BOBRICK; PRODUCT: STRAIGHT GRAB BAR FINISH: STAINLESS STEEL; TUBE SIZE: 1-1/2"; GAUGE: 14;							MOUNTING: VERTICAL MOUNT AT TOP DOOR RAIL ABOVE GLASS; HARDWARE: SMALL EXPOSED FLAT HEM BAR, INCLUDE HEM BAR HOLD DOWNS FOR DOOR INSTALL - WHITE; HARDWARE FINISH: WHITE; COLOR: SAHEL, FACING INTO ROOM;
		SEE FINISHED FLOOR PLANS FOR LOCATIONS OF TOPPING PROVIDE 4'X4' MOCK UP FOR REVIEW								TA-14	SANITARY-NAPKIN DISPOSAL UNIT	MFR: BOBRICK; PRODUCT: SURFACE-MOUNTED: FINISH: STAINLESS STEEL; SKU: B-35139;	SANITARY NAPKIN DISPOSAL;						SHADE FABRIC: WIDTH: 94.5"; ACTUAL WIDTH: SEE ELEV. DPENNESS: OPAQUE; NOTE: PVC-FREE;
										<u> </u>							L		

MSRDesign 510 Marquette Avenue South, Suite 200 Minneapolis, MN 55402 | 612.375.0336

Associate Architect

Hight Jackson Associates PA

5201 W Village Pkwy #300 Rogers, AR 72758 | 479.464.4965

Civil Engineer

E|D|G

216 West Birch Street Rogers, AR 72756 | 501.378.0200

Landscape Architect

TEN x TEN

575 SE 9th St #210 Minneapolis, MN 55414 | 612.440.8369

Structural Engineer

Tatum Smith Welcher Engineers, Inc.

3100 S Market St #202 Rogers, AR 72758 | 479.621.6128

MEP Engineer

HP Engineering, Inc.

5504 W. Pinnacle Point Drive Suite 200 Rogers, AR 72758 | 479.899.6370

ublic

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the Laws of the State of Arkansas.



Print Name Matthew Kruntorad Date <u>1/18/2023</u> License No <u>10100</u>

BID SET - ADDENDUM 3

ISSUE / REVISION

Mark Date Description

10/28/2022 LARGE SCALE DEVELOPMENT SUBMITTAL 10/28/2022 LARGE SCALE DEVELOPMENT 11/14/2022 SECOND LSD SUBMITTA 11/28/2022 THIRD LSD SUBMITTAL 12/21/2022 PERMIT SET 1/6/2022 BID SET 1 1/18/2023 BID SET - ADDENDUM 1 Date 7 BID SET - ADDENDUM 3

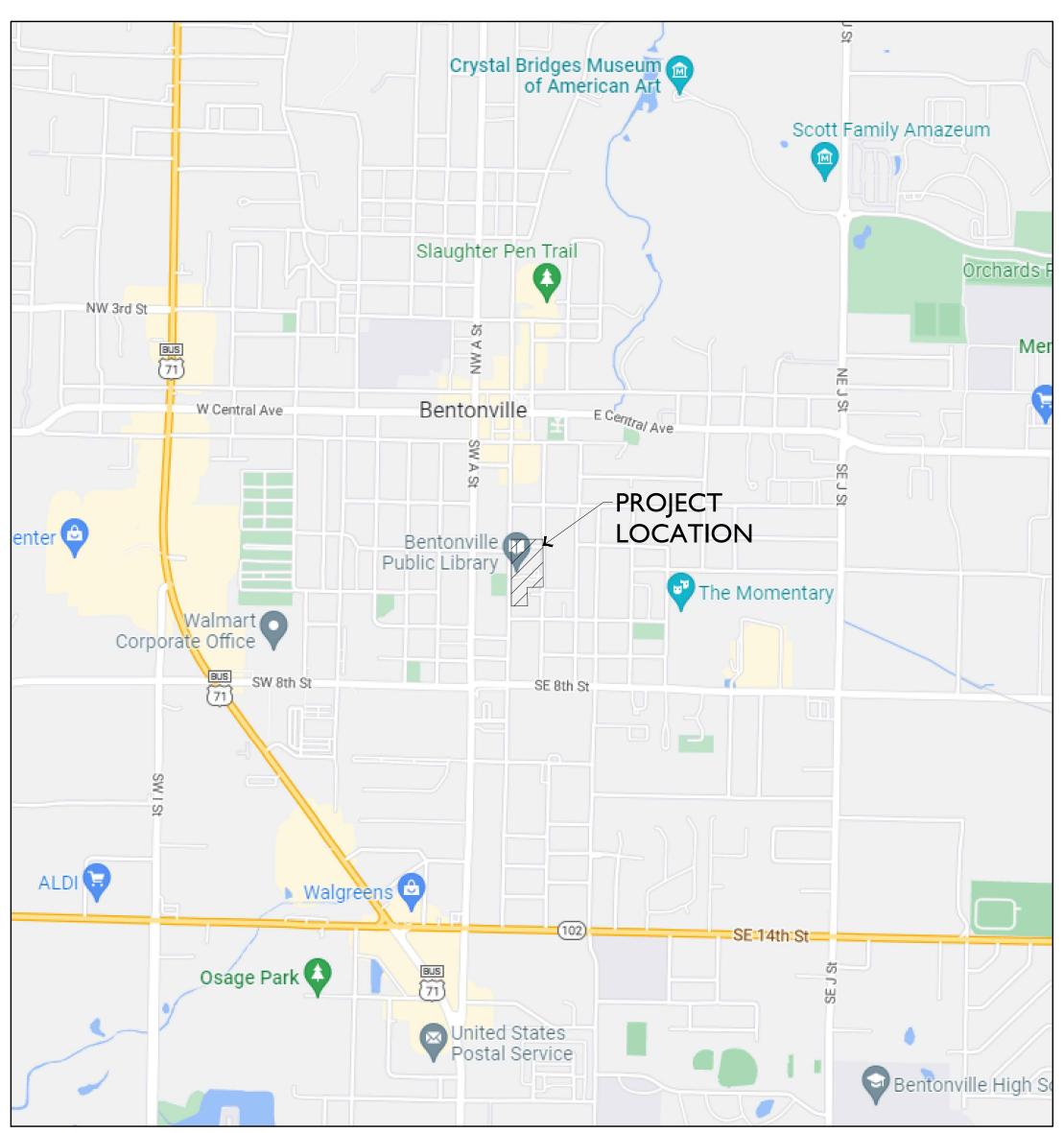
SHEET INDEX, MATERIAL IDS AND SYMBOLS

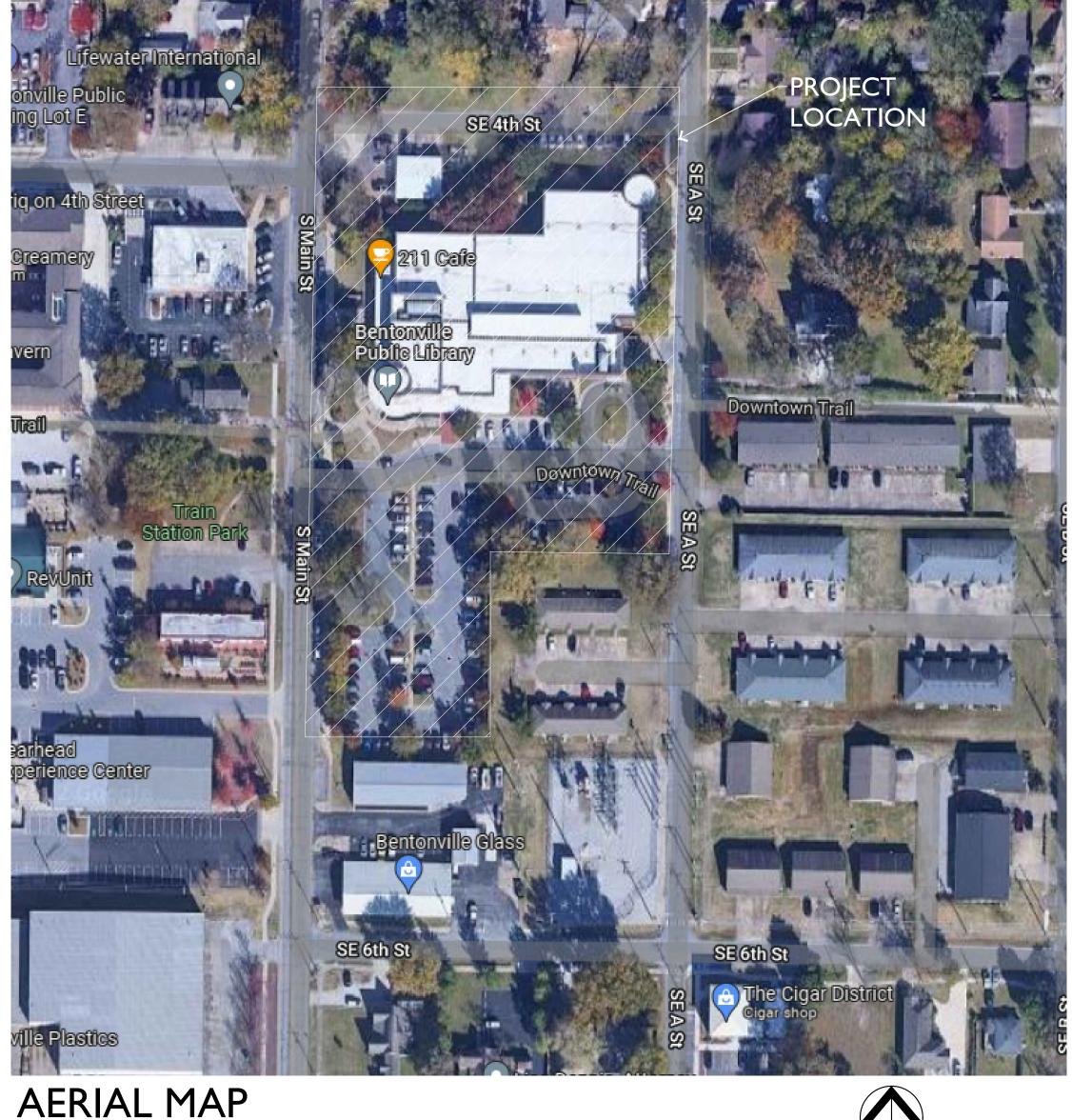
LARGE SCALE DEVELOPMENT

BENTONVILLE PUBLIC LIBRARY EXPANSION 405 S MAIN STREET, BENTONVILLE, AR 72712 (LSD #22-0062)

CONSTRUCTION DOCUMENTS

JANUARY 06, 2023





GENERAL NOTES & LEGENDS SITE DEMOLITION & TREE PROTECTION PLAN (NORT SITE PLAN (NORTH) SITE PLAN (SOUTH) SITE LAYOUT PLAN (NORTH SITE LAYOUT PLAN (SOUTH SITE UTILITY PLAN (NORTH SITE UTILITY PLAN (SOUTH) 16 INCH WATER MAIN PLAN & PROFILE STORMWATER PLAN & PROFILE **EROSION CONTROL PLAN DETAILS** SITE DETAILS SITE DETAILS SITE DETAILS

CLIDDLE MACNETAL CLICETO

SUPPLEMENTAL SHEETS					
SHEET 1 OF 3	SURVEY				
SHEET 2 OF 3	SURVEY				
SHEET 3 OF 3	SURVEY				
SHEET 1	WATER/SEWER DETAILS				
SHEET 1 OF 2	WATER DETAILS				
SHEET 2 OF 2	WATER DETAILS				
SHEET 1 OF 2	SANITARY SEWER DETAILS				
SHEET 2 OF 2	SANITARY SEWER DETAILS				
SHEET 1 OF 3	BEUD ELECTRIC LAYOUT				
SHEET 2 OF 3	BEUD ELECTRIC LAYOUT				
SHEET 3 OF 3	BEUD ELECTRIC LAYOUT				

VICINITY MAP

I' = 1000'-0"

OWNER: CITY OF BENTONVILLE

HADI DUDLEY 1000 SW 14TH BENTONVILLE, AR 72712 HDUDLEY@BENTONVILLEAR.COM 479.271.3194

LANDSCAPE: TENXTEN STUDIO 575 SE 9TH STREET #210 MINNEAPOLIS, MN 55414 612.440.8369

SURVEYOR: BATES & ASSOCIATES, INC. 7230 S. PLEASANT RIDGE DR. FAYETTEVILLE, AR 72704 479.521.9350

ARCHITECT: MSR DESIGN KRISTILYN VERCRUYSSE 510 MARQUETTE AVENUE SOUTH, SUITE 200 MINNEAPOLIS, MN 55402 KRISTILYN@MSRDESIGN.COM 612.616.8148

CIVIL ENGINEER: ECOLOGICAL DESIGN GROUP, INC. BRAHM DRIVER, PE 216 W BIRCH ST. ROGERS, AR 72756 BDRIVER@ECOLOGICALDG.COM

PROPERTY DESCRIPTION:

LOT I, LIBRARY ADDITION TO THE CITY OF BENTONVILLE, ARKANSAS, AS PER THE FINAL PLAT THEREOF FILED IN BOOK 2005 AT PAGE 759 OF THE RECORDS OF THE CIRCUIT CLERK AND EX-OFFICIO RECORDER OF BENTON COUNTY, ARKANSAS, AND ALSO LOT 17, LOT 15 EXCEPT THE NORTH 60 FEET, AND 55 FEET OF EQUAL WIDTH SQUARELY OFF THE SOUTH SIDE OF LOT 14. ALL BEING LOCATED IN BLOCK 3 OF RAILROAD ADDITION TO THE CITY OF BENTONVILLE. AS PER THE FINAL PLAT THEREOF FILED IN BOOK A AT PAGE 38 OF THE RECORDS OF THE CIRCUIT CLERK AND EX-OFFICIO RECORDER OF BENTON COUNTY, ARKANSAS, AND ALL BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS, TO-WIT: BEGINNING AT AN EXISTING REBAR MARKING THE NORTHWEST CORNER OF LOT 18, BLOCK 3 OF SAID RAILROAD ADDITION AND RUNNING THENCE N02°14'42"E 86.33', THENCE N02°14'42"E 16.52' TO AN EXISTING REBAR MARKING THE SOUTHWEST CORNER OF SAID LOT 14, BLOCK 3, THENCE ALONG THE WEST LINE THEREOF N02°17'15"E 55.03' TO AN EXISTING REBAR, THENCE LEAVING SAID WEST LINE S87°28'36"E 164.96' TO AN EXISTING REBAR ON THE WEST LINE OF SAID LOT 15, BLOCK 3, THENCE ALONG SAID WEST LINE OF LOT 15, BLOCK 3 N02°19'02"E 8.35', THENCE LEAVING SAID WEST LINE S87°39'45"E 150.25' TO AN EXISTING REBAR, THENCE S02°16'01"W 61.22', THENCE N88°15'07"W 7.01', THENCE S01°42'16"W 14.00', THENCE S01°42'16"W 401.46', THENCE N87°48'21"W 158.61', THENCE S02°16'09"W 200.75', THENCE N87°44'19"W 149.05', THENCE N01°45'14"E 512.41' TO THE POINT OF BEGINNING, CONTAINING 4.05 ACRES, MORE OR LESS. LESS & EXCEPT A 14' WIDE ALLEY AS SHOWN ON SAID FINAL PLAT OF RAILROAD ADDITION, SAID ALLEY BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT A POINT WHICH IS N02° 14'42"E 86.33' FROM AN EXISTING REBAR MARKING THE NORTHWEST CORNER OF LOT 18, BLOCK 3 OF SAID RAILROAD ADDITION AND RUNNING THENCE N02°14'42"E 16.52' TO AN EXISTING REBAR, THENCE \$87°41'20"E 164.93' TO AN EXISTING REBAR, THENCE \$88°15'07"E 143.30', THENCE \$01°42'16"W 14.00', THENCE N87°58'27"W 151.24', THENCE S02°12'56"W 1.48', THENCE N88°18'26"W 157.12' TO THE POINT OF BEGINNING, CONTAINING 0.10 ACRES, MORE OR LESS. SUBJECT TO THAT PORTION IN SOUTH MAIN STREET MASTER STREET PLAN RIGHT-OF-WAY ON THE WEST SIDE OF HEREIN DESCRIBED TRACT, SUBJECT TO THAT PORTION IN SOUTHEAST 4TH STREET MASTER STREET PLAN RIGHT-OF-WAY ON THE NORTH SIDE OF HEREIN DESCRIBED TRACT, SUBJECT TO THAT PORTION IN SOUTHEAST A STREET MASTER STREET PLAN RIGHT-OF-WAY ON THE EAST SIDE OF HEREIN DESCRIBED TRACT, AND SUBJECT TO ALL OTHER EASEMENTS AND RIGHTS-OF-WAY OF RECORD.

NOT TO SCALE

DOWNTOWN EDGE (DE)

NON-RESIDENTIAL

SITE SUMMARY

4.77 AC

ZONING:

DARDS		

LOT AND AREA STANDARDS		
	REQUIRED	PROVID
LOT AREA MIN:	NONE	4.77 AC
LOT AREA MAX:	NONE	4.77 AC
LOT WIDTH MIN:	NONE	149.05 F
LOT WIDTH MAX:	NONE	315.23 F
LOT DEPTH MIN:	NONE	476.48 F
LOT COVERAGE MAX:	80%	76%

SETBACK STANDARDS	

ZONING SUMMARY

SETBACK STANDARDS		
	REQUIRED	PROVIDED
FRONT YARD MIN:	NONE	40'
FRONT YARD MAX:	NONE	109'
SIDE YARD MIN:	7'	26' +/-
REAR YARD MIN:	12'	74' +

Stormwater: City of Bentonville, Janet Paith, 3200 SW Municipal Dr., Bentonville, AR 7212, (479) 271-5002, jpaith@bentonvillear.com

PROJECT NOTES

WAIVERS AND VARIANCES

UTILITY AND CITY CONTACTS

SECTION: DESCRIPTION

ARTICLE 1100, SECTION 1100.15: SIDEWALK REQUIREMENTS

ARTICLE 1100, SECTION 1100.21.K: DEVELOPMENT STANDARDS

Black Hills Energy: Josh Knight, 1301 Federal Way, PO Box 2129, Lowell, AR 72745, (479)333-7005, joshua.knight@blackhillscorp.com

Timothy Goss, 4901 S. 48th Street, Springdale, AR 72762, (479) 651-5583, timothy.goss@cox.com

AT&T: Brent Baldwin, 1133 East Harold St., Fayetteville, AR 72703, Office: (479)571-6609; Cell: (479)200-9022, bb585@att.com

Cox Communications: Chad Hodge, 4901 S. 48th Street, Springdale, AR 72762, (479) 263-7057, chad.hodge@cox.com and

Fire Dept.: City of Bentonville, Brent Boydston, Fire Chief, 800 SW A St, Bentonville, AR 72712, (479) 271-5927

Street Dept.: City of Bentonville, Tony Davis, 3200 SW Municipal Drive, Bentonville, AR 72712, (479) 271-3130

Electric Dept.: City of Bentonville, Charlie Barnes, 3200 Municipal Drive, Bentonville, AR 72712 (479)-271-3159

Wastewater Dept.: City of Bentonville, Chris Earl, 1901 NE A Street, Bentonville, AR 72712, (479)-271-3161

Building and Fire Safety: City of Bentonville, Brad Arnold, 305 SW A Street, Bentonville, AR, (479) 271-3108

City Engineer: City of Bentonville, Ellen Norvell, 3200 SW Municipal Drive, Bentonville, AR, (479)-271-5993

Planning Dept.: City of Bentonville, Tyler Overstreet, 305 SW A Street, Bentonville, AR, (479)-271-3122

Water Dept.: City of Bentonville, Beau Thompson, 3200 SW Municipal Drive, Bentonville, AR 72712, (479) 271-3140

I. THE CITY OF BENTONVILLE STREET STANDARDS, DRAINAGE CRITERIA MANUAL, SUBDIVISION ORDINANCE, WATER, SEWER, ELECTRIC UTILITY SPECIFICATIONS, AND STATE CODE SHALL GOVERN THESE PLANS. IF THERE ARE DISCREPANCIES IN THE PLANS OR INFORMATION CONTAINED WITHIN, CITY OF BENTONVILLE ORDINANCES, STANDARDS, AND SPECIFICATIONS SHALL RULE, UNLESS, APPROVED IN WRITING BY THE CITY

2. TO SCHEDULE AN INSPECTION OR TEST WITH THE CITY OF BENTONVILLE ENGINEERING DEPARTMENT, INSPECTIONS MUST BE CALLED IN (479-271-3168) BY THE ENGINEER OF RECORD 24 HOURS IN ADVANCE BEFORE 10AM FOR AN INSPECTION THE FOLLOWING DAY. 3. THE ENGINEER OF RECORD MUST CERTIFY THE SITE AND THE PROJECT MUST PASS A DEVELOPMENT FINAL SITE INSPECTION BEFORE REQUESTING A

APPROVED 5-18-22

SUBMITTED 10-28-22

BUILDING FINAL INSPECTION. 4. THE ENGINEER OF RECORD SHALL COORDINATE AND SCHEDULE A PRE-PAVE PRECON WITH THE ENGINEERING DEPARTMENT AND CONTRACTOR BEFORE THE PAVING OF ANY PUBLIC STREET OR PUBLIC ALLEY.

MSRDesign 510 Marquette Avenue South, Suite 200

Hight Jackson Associates PA

E|D|G

TEN x TEN

Structural Engineer **Tatum Smith Welche**

Engineers, Inc.

3100 S Market St #202

HP Engineering, Inc.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the Laws of the State of Minnesota





ISSUE / REVISION

12/10/2021 SCHEMATIC DESIGN PRICING 06/22/2022 DESIGN DEVELOPMENT PRICING 10/13/2022 PRE APP SET 10/28/2022 LARGE SCALE DEVELOPMENT SUBMITTAL 10/31/2022 CD PRICING SET

11/14/2022 SECOND LSD SUBM

12/21/2022 PERMIT SET 01/06/2023 BID SET

11/28/2022 THIRD LSD SUBMITTAL

COVER SHEET



FLOOD CERTIFICATION: NO PORTION OF THIS PROPERTY IS LOCATED WITHIN FLOOD ZONE "A" OR "AE" AS DETERMINED BY THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP FOR BENTON COUNTY, ARKANSAS. (FIRM PANEL #05007C0255K. DATED 06/05/2012)

- I. EXISTING SURVEY DATA WAS OBTAINED FROM A TOPOGRAPHIC & BOUNDARY SURVEY PERFORMED BY BATES & ASSOCIATES, INC. AND DATED 12/6/21.
- SURVEY DATA IS BASED UPON NAD 83, STATE STATE PLANE, ARKANSAS NORTH FEET COORDINATE SYSTEM.
- ELEVATIONS ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM.

ENGINEERING DEPARTMENT AND TRAFFIC DEPARTMENT.

CONTRACTOR SHALL BE INCLUDED IN THE BID.

- 4. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY, COUNTY, STATE, AND FEDERAL REGULATIONS AND CODES AS WELL AS OSHA STANDARDS. SITE CONTRACTOR SHALL MEET OR EXCEED ALL LOCAL, STATE, AND FEDERAL EROSION CONTROL MEASURES
- 5. THE APPROXIMATE LOCATION OF KNOWN UTILITIES & SUBSURFACE STRUCTURES AS SHOWN HEREON ARE BASED ON ABOVE-GROUND VISIBLE STRUCTURES & RECORD DRAWINGS PROVIDED. LOCATIONS OF UNDERGROUND UTILITIES/STRUCTURES MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF THESE & ALL OTHER SUBSURFACE AND/OR LATENT FACILITIES PRIOR TO BEGINNING WORK. ALL REPAIRS OR RELOCATIONS NECESSARY SHALL BE MADE AS REQUIRED BY THE OWNER OF THE UTILITY OR STRUCTURE & THE COST OF SUCH REPAIRS NECESSARY SHALL BE BORNE BY THE CONTRACTOR.
- 6. ALL WORK PERFORMED WITHIN THE RIGHT-OF-WAY SHALL BE COORDINATED WITH THE CITY OF BENTONVILLE
- 7. ALL STREETS, DRIVES, WALKS, DRAINAGE STRUCTURES, FENCES, ETC. THAT ARE DISTURBED SHALL BE RESTORED TO THEIR ORIGINAL OR BETTER CONDITION USING LIKE MATERIALS. COST OF SUCH REPAIRS SHALL BE BORNE BY THE CONTRACTOR UNLESS PROVISION FOR PAYMENT IS MADE IN THE PROPOSAL.
- 8. THE CONTRACTOR IS REQUIRED TO NOTIFY THE ONE CALL CENTER AT 1-800-482-8998 48 HOURS PRIOR TO DIGGING IN ORDER THAT UNDERGROUND UTILITIES IN THE AREA CAN BE LOCATED.
- 9. THE CONTRACTOR SHALL NOT BEGIN WORK UNTIL THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN IMPLEMENTED, AND THE SWPPP, EROSION CONTROL PLAN, AND SIGNED AUTOMATIC NOTICE OF
- COVERAGE IS POSTED ON SITE.. 10. CONTRACTOR IS RESPONSIBLE FOR ALL FIELD TESTING AS DESCRIBED IN THE SPECIFICATIONS (INCLUDING BUT NOT LIMITED TO COMPACTION DENSITY TESTING, ETC.), AND SHALL PROVIDE RESULTS TO ENGINEER, AND

MAINTAIN RECORDS AND RESULTS OF ALL TESTS PERFORMED DURING CONSTRUCTION. TESTING BY THE

- II. EXISTING FACILITIES AND FEATURES ARE SHOWN LIGHT-LINED AND/OR SCREENED. NEW FACILITIES AND FEATURES ARE SHOWN SOLID AND HEAVY-LINED.
- 12. SLOPES AND GRADES SHOWN ARE IN UNITS OF FT/FT UNLESS OTHERWISE NOTED.
- ALL PAVEMENT AND CURB MEASUREMENTS ARE TAKEN FROM FACE OF CURB OR EDGE OF PAVEMENT.
- 14. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.

DEMOLITION NOTES

- DEMOLITION SHALL NOT BEGIN UNTIL THE APPROPRIATE EROSION CONTROL MEASURES AND REQUIRED TREE PRESERVATION FENCING HAVE BEEN INSTALLED
- 2. CONTRACTOR SHALL SHALL FOLLOW ALL FEDERAL, STATE, AND LOCAL CODES FOR DEMOLITION AND DISPOSAL
- 3. CONTRACTOR SHALL ENSURE THAT ADJACENT PROPERTY IS NOT DAMAGED.
- 4. CONTRACTOR SHALL COORDINATE WILL ALL UTILITY COMPANIES REGARDING RELOCATION, REMOVAL, AND/OR DISCONNECTION.
- 5. CONTRACTOR SHALL PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, ETC.
- CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ANY UNDERGROUND TANKS ARE FOUND ON SITE.
- 7. ALL TREES (EXCEPT THOSE SHOWN TO BE PROTECTED) AND VEGETATION WITHIN THE CLEARING AND GRADING LIMITS SHALL BE CLEARED AND GRUBBED INCLUDING TREE ROOT SYSTEMS. ALL DEBRIS IS TO BE REMOVED FROM
- 8. STRIP TOPSOIL AND STOCKPILE IN THE DESIGNATED AREA FOR FUTURE USE.
- LARGE ROCKS AND BOULDERS SHALL BE REMOVED AND DISPOSED FROM THE SITE

STREET CONSTRUCTION (GRADING) AND EARTHWORK NOTES

- I. THE ENGINEER SHALL BE NOTIFIED 24 HOURS PRIOR TO PLACEMENT OF ANY FILL MATERIAL, INSTALLATION OF STORM DRAINAGE PIPE, DRAINAGE STRUCTURES, CURB AND GUTTER, OR PLACEMENT OF CRUSHED STONE OR
- 2. CONTRACTOR SHALL REVIEW THE GEOTECHNICAL REPORT PERFORM EARTHWORK IN ACCORDANCE WITH THE RECOMMENDATIONS IN SAID REPORT DATED DECEMBER 14, 2021 WITH ADDENDUM JANUARY 5, 2022.
- 3. THE CONTRACTOR SHALL NOTIFY THE GEOTECHNICAL ENGINEER TO INSPECT THE SUBGRADE PRIOR TO PLACING FILL.
- 4. FILL AND BACKFILL SHALL BE PLACED IN HORIZONTAL, NOMINAL 6- TO 8-IN THICK LOOSE LIFTS. EACH LIFT SHALL BE TESTED AND APPROVED PRIOR TO PLACING SUBSEQUENT LIFTS.
- 5. THE SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS AND SECTION 212 OF THE ARKASAS STATE HIGHWAY DEPARTMENTS STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. PRIOR TO PLACING THE CRUSHED STONE BASE COURSE THE SUBGRADE SHALL BE PROOF ROLLED, AND MUST BE VERIFIED TO CONFORM TO THE GRADES AND SLOPES SHOWN ON THE DRAWINGS.
- 6. ALL MUD SOIL, AND LOOSE GRAVEL SHALL BE REMOVED FROM THE CRUSHED STONE BASE AND CONCRETE CURB PRIOR TO PLACEMENT OF ASPHALT.
- 7. THE CONTRACTOR SHALL PROVIDE APPROPRIATE ADVANCED WARNING DEVICES, BARRICADES, BARRELS, AND OTHER MEASURES AS NEEDED TO PROPERLY CONTROL AND ADVISE TRAFFIC OF CONSTRUCTION EQUIPMENT.
- 8. THE CONTRACTOR SHALL REPAIR ANY DAMAGE THE CONSTRUCTION ACTIVITY OR HAULING OF MATERIAL MAY HAVE ON THE EXISTING STREETS AND/OR ACCESS ROADS.
- 9. COORDINATE WORK WITH OWNER TO MINIMIZE THE EFFECTS OF CONSTRUCTION ON DAILY OPERATIONS OF
- 10. COORDINATE ALL DEMOLITION WORK WITH OWNER. VERIFY OWNER DOES NOT WISH TO RETAIN MATERIAL
- BEFORE IT IS REMOVED AND DISPOSED. 11. ALL CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE DESIGNATED AREAS SHOWN ON THE PLANS. ALL AREAS
- OUTSIDE OF THOSE LIMITS SHALL BE PROTECTED AND MAINTAINED.
- 13. GRADING SHALL BE LIMITED TO THE EXTENT OF THE PROPOSED CONTOURS AND SPOT GRADES SHOWN ON THE
- 14. ALL CUT AND/OR FILL SLOPES SHALL BE A MAXIMUM 3H: IV SLOPE OR FLATTER UNLESS OTHERWISE NOTED.
- 15. ALL STORM DRAINAGE PIPE CONNECTIONS TO STRUCTURES SHALL BE GROUTED TO PROVIDE A WATERTIGHT CONNECTION AT THE STRUCTURE.
- 16. ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES INSTALLED IN PAVED AND TRAFFIC AREAS SHALL MEET HEAVY DUTY TRAFFIC (H20) LOADING AND INSTALLED IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS FOR H20 LOADING.
- 17. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH THE PAVEMENT AND SHALL HAVE TRAFFIC BEARING RINGS AND COVERS.
- 18. THE EARTHWORK FOR ALL BUILDING FOUNDATIONS AND SLABS SHALL BE IN ACCORDANCE WITH ARCHITECTURAL OR STRUCTURAL ENGINEERING PLANS AND SPECIFICATIONS.

GENERAL EROSION CONTROL NOTES:

- I. SITE CONTRACTOR IS RESPONSIBLE FOR INSTALLING, MONITORING, AND MAINTAINING ALL EROSION & SEDIMENT CONTROL BMPS.
- 2. SITE CONTRACTOR IS RESPONSIBLE TO KEEP AND UPDATE ALL STORM EVENT LOG BOOKS.
- 3. THE CONTRACTOR SHALL IMPLEMENT AN EROSION CONTROL PLAN TO PREVENT MUD, SEDIMENT, AND CONSTRUCTION MATERIALS FROM BEING WASHED OR TRACKED OFF SITE ONTO ADJACENT PROPERTY. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE APPROVED ADEQ CONSTRUCTION STORMWATER PERMIT AND MAINTAIN THE STORMWATER POLLUTION PREVENTION PLAN AT ALL TIMES.
- 4. THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IS COMPRISED OF THIS DRAWING (SITE MAP), THE EROSION CONTROL DETAILS, THE PLAN NARRATIVE, ATTACHMENTS INCLUDED IN THE TEMPORARY EROSION CONTROL SECTION OF THE SPECIFICATIONS, PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED
- EROSION CONTROL DEVICES SHALL BE INSTALLED AS THE PROJECT PROGRESSES AND AREAS ARE DISTURBED.
- THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- 7. BEST MANAGEMENT PRACTICES AND CONTROLS SHALL CONFORM TO FEDERAL. STATE, AND OR LOCAL MANUAL OF PRACTICE, AND THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECT BY THE PERMITTING AGENCY OR OWNER.
- 8. THIS EROSION CONTROL PLAN MAY BE REVISED BY ADDING OR DELETING EROSION CONTROL DEVICES AS DIRECTED BY THE ENGINEER.
- 9. THE LOCATIONS OF THESE EROSION CONTROL DEVICES MAY BE CHANGED IF SITE CONDITIONS WARRANT TO PREVENT EROSION.
- 10. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE AND EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- 11. ALL INLETS ON AND ADJACENT TO THE SITE SHALL BE PROTECTED FROM SEDIMENT.
- 12. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- 13. PERFORM EQUIPMENT AND VEHICLE MAINTENANCE ONLY IN DESIGNATED AREAS. USE DRIP PANS UNDER
- 14. INSPECT ALL EROSION CONTROL DEVICES WEEKLY AND FLOWING RAINFALL EVENTS OF 0.5 INCHES THROUGHOUT THE DURATION OF THIS PROJECT AND UNTIL PERMANENT VEGETATION IS ESTABLISHED.
- 15. ALL DISTURBED AREAS LEFT IDLE FOR A PERIOD OF 14 DAYS OR LONGER ARE TO RECEIVE TEMPORARY
- VEGETATION AND MULCHED.
- 16. DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND/OR OTHER PETROLEUM-BASED, OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATION IS PROHIBITED.
- 17. SOLID WASTE (INCLUDING TRASH AND DEBRIS) MUST BE DISPOSED OF PROPERLY, AND HAZARDOUS MATERIALS (INCLUDING OIL, GASOLINE, AND PAINT) MUST BE PROPERLY STORED (WHICH INCLUDES SECONDARY CONTAINMENT). PROPERLY MANAGE PORTABLE SANITARY FACILITIES.
- 18. USE DRY CLEANUP METHODS TO COLLECT LITTER AND ABSORB ANY LIQUID WASTES PRIOR TO ANY PRESSURE WASHING. THESE INCLUDE USING ABSORBENTS (RAGS, SAND, ETC.), SWEEPING, AND SCRAPPING OFF DRIED
- 19. RUBBISH, TRASH, GARBAGE, OR LITTER SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM BEING BLOWN OR WASHED OFF-SITE.
- 20. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCE/EXIT IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES EXIT ONTO THE PUBLIC ROADS. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF SITE..
- 21. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- 22. ON-SITE AND OFF-SITE STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH ADEQ CONSTRUCTION STORMWATER PERMIT.
- 23. ALL MATERIALS MUST BE STORED OUT OF THE WAY OF VEHICULAR TRAFFIC.
- 24. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.
- 25. EROSION CONTROL FACILITIES REQUIRED BY THESE PLANS AND/OR THE FACILITY PERMIT ARE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION CONTROL FACILITIES AS NECESSARY.
- 26. REMOVE EROSION CONTROL DEVICES AFTER PERMANENT VEGETATION IS ESTABLISHED.

ADDITIONAL EROSION CONTROL NOTES

INITIAL SITE PREPARATION:

- I. INSTALL STABILIZED CONSTRUCTION ENTRANCES/EXITS.
- SITE CONTRACTOR SHALL SUBMIT TO ENGINEER FOR APPROVAL A SITE MAP SHOWING THE PROPOSED LOCATIONS OF THE FOLLOWING: TRAILER, PARKING, LAY DOWN, PORTAJ-POTTY, WHEEL WASH, CONCRETE WASH-OUT, MASON'S AREA, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., DENOTE THEM ON THE SITE MAPS IMMEDIATELY AND NOTE ANY CHANGES IN THE LOCATIONS AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROGRESS.
- CONSTRUCT THE SILT FENCES ON THE SITE AS INDICATED ON THE PLANS.
- 4. CONSTRUCT THE SEDIMENTATION AND SEDIMENT TRAP BASINS.
- 5. CONTACT THE ENGINEER TO PERFORM INSPECTION OF THE BMPS. SITE CONTRACTOR SHALL SCHEDULE AND CONDUCT STORM WATER PRE-CONSTRUCTION MEETING WITH ENGINEER AND ALL GROUND DISTURBING SUB-CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION.
- 6. CLEAR AND GRUB THE SITE WITHIN THE LIMITS OF WORK SHOWN ON THE PLANS.
- 7. CONTRACTOR SHALL BEGIN GRADING THE SITE AND BEGIN CONSTRUCTION.

DURING CONSTRUCTION:

- TEMPORARILY SEED DISTURBED AREAS.
- 2. INSTALL INLET PROTECTION AROUND ALL NEWLY CONSTRUCTED STORM SEWER STRUCTURES
- 3. AFTER PAVING, INSTALL INLET PROTECTION DEVICES.
- 4. AT THE COMPLETION OF GRADING INSTALL PERMANENT SEEDING AND PLANTINGS.
- 5. ONCE SITE IS STABILIZED, THE CONTRACTOR CAN REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL
- 6. ON AN AS-NEEDED BASIS OR AS DIRECTED BY THE CITY OR OWNER, THE CONTRACTOR SHALL CONTROL DUST BY EXPOSING THE SOIL SURFACE TO MOISTURE PERIODICALLY WITH ADEQUATE WATER TO CONTROL DUST.

UTILITY NOTES:

- EXISTING STRUCTURES AND UTILITY LOCATIONS SHOWN ARE APPROXIMATE AND FOR INFORMATION PURPOSES ONLY. ALL STRUCTURES AND UTILITIES MAY NOT BE SHOWN. ALL EXISTING UTILITY LOCATIONS MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION (WHETHER SHOWN OR NOT SHOWN). UTILITY SERVICE MUST BE MAINTAINED DURING AND AFTER CONSTRUCTION
- CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.
- 3. ALL WATER LINE AND SANITARY SEWER WORK MUST BE PERFORMED IN ACCORDANCE WITH THE CITY OF BENTONVILLE 2021 WATER UTILITIES DEPARTMENT SPECIFICATIONS, AND SHALL BE COORDINATED WITH THE BENTONVILLE WATER UTILITIES DEPARTMENT.
- 4. THE CONTRACTOR SHALL COORDINATE THE CONNECTIONS TO THE EXISTING WATER LINES WITH THE LOCAL
- 5. PROVIDE THRUST BLOCKING FOR THE PROPOSED WATERLINES AS SHOWN ON THE DETAIL SHEETS AND AS REQUIRED BY THE LOCAL JURISDICTION.
- 6. ALL WATER AND SEWER LINES AND SERVICES CROSSING ROADWAYS ARE TO BE BACKFILLED WITH COMPACTED CLASS 7 AGGREGATE BASE COURSE.
- 7. ALL WATER MAINS SHALL HAVE A MINIMUM COVER AND PIPE MATERIAL AS DESCRIBED IN THE CITY OF BENTONVILLE 2021 WATER UTILITIES DEPARTMENT SPECIFICATIONS.
- 8. DUCTILE IRON PIPE (CLASS 50) SHALL BE USED FOR THE PROPOSED WATER MAIN AS SPECIFIED IN THE PLANS AND ALLOWED BY THE CITY OF BENTONVILLE 2021 WATER UTILITIES DEPARTMENT SPECIFICATIONS.

JURISDICTIONS STANDARD SPECIFICATIONS AND DETAILS AND SHALL BE COORDINATED WITH THE LOCAL

WATER AND SEWER MAINS SHALL HAVE A MINIMUM OF 10-FT HORIZONTAL SEPARATION. 10. ALL SANITARY SEWER WORK SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE LOCAL

9. ALL WATER MAINS ARE TO CROSS OVER SEWER MAINS WITH A MINIMUM OF 18-IN OF VERTICAL SEPARATION AND

11. ALL WATER AND SANITARY SEWER WORK SHALL ADHERE TO THE CITY OF BENTONVILLE 2021 WATER UTILITIES

EXISTING LEGEND

THESE STANDARD SYMBOLS WILL BE FOUND IN THE DRAWING.

(R) RECORDED TITLE (M)MEASURED FOUND 5/8" REBAR

DEPARTMENT SPECIFICATIONS.

- SET 5/8" REBAR/CAP SET / FOUND COTTON SPINDLE FOUND STONE
- SET/ FOUND ALUM. MONUMENT ■ STATE MONUMENT
- (•) FOUND PIPE BOLT
- FOUND 1/2" REBAR NAIL
- BOLLARD
- FOUND 5/8" REBAR/ CAP 7 ▼ SET / FOUND P/K NAIL
- ▲ RAILROAD SPIKE -Ö-BENCHMARK
- TEMP BENCH MARK (ELEV.) (R/W) RIGHT-OF-WAY MARKER
- △ COMPUTED POINT + STAKE ON LINE € ; FENCE CORNER POST
- CABLE PEDESTAL TELEPHONE PEDESTAL
- > YARD HYDRANT (W) WATER METER ⇔ SEPTIC LID
- FIRE HYDRANT SW STORM SEWER MH
- AC CONDENSER UNIT S) SANITARY SEWER MH (MH) MANHOLE
- O POWER POLE WATER VALVE G GAS METER

☐ ELECTRICAL METER

-()-LIGHT ⊸ SIGN ELECTRICAL BOX

⟨·⟩ TREE

- TREE LINE ---- W ----- WATER LINE --- OHE --- OHE --- OVERHEAD POWER LINE - **←** - **←** - **←** - FLOW LINE
- **INGRESS & EGRESS EASEMENT** — BUILDING SETBACK — UTILITY EASEMENT —— — BOUNDARY LINE (MEASURED) ----- BOUNDARY LINE (EXISTING) ---- ---- FORTY LINE/ TIE LINE

---- RIGHT-OF-WAY All Symbols May Not Appear On Drawing. Use As Applicable.

CENTERLINE OF ROAD

PROPOSED LEGEND

PROPOSED CURB AND GUTTER (REF. PLANS FOR TYPE) PROPOSED INTERMEDIATE CONTOUR (IFT) PROPOSED INDEX CONTOUR (5 FT)

ABBREVIATIONS

- BACK OF CURB **BOTTOM WIDTH** CENTERLINE
- DIAMETER
- FEET FLOW LINE IN
- FLOW LINE OUT GAUGE
- HORIZONTAL
- **INVERT**
- LENGTH
- LANDFILL GAS MAXIMUM MANHOLE
- MINIMUM NORTHING
- POLYVINYL CHLORIDE PLATE
- **REINFORCED CONCRETE PIPE** SCHEDULE STAINLESS STEEL
- **SQUARE** STATION TOP OF CURB TYPICAL

- CLEARANCE CORRUGATED METAL PIPE

- **INSIDE DIAMETER**
- NOT TO SCALE **OUTSIDE DIAMETER** PROPERTY LINE
- **RADIUS**

VERTICAL

Group, Inc. No. 2511 .

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 ¬ GENERAL NOTES & LEGEND

MATCH LINE PROPOSED ASPHALT PROPOSED GRAVEL PROPOSED CONCRETE PROPOSED POROUS PAVERS PROPOSED BUILDING PROPOSED SANITARY SEWER MANHOLE PROPOSED STORM SEWER STRUCTURE PROPOSED FLARED END SECTION (FES) **ROADWAY STATION LABEL** PROPOSED SURVEY MONUMENT ✓ PROPOSED ROAD SIGN PROPOSED SPOT GRADE PROPOSED SILT FENCE PROPOSED TEMPORARY ROCK CHECK DAM PROPOSED WATTLE PROPOSED INLET PROTECTION

PROPOSED STORM SEWER PIPING PROPOSED ROADWAY CENTERLINE PROPOSED TREE PROTECTION

DRAWING **EASTING ELEVATION EXISTING FLARED END SECTION** FLOW LINE

GAS MONITORING PROBE HIGH DENSITY POLYETHYLENE

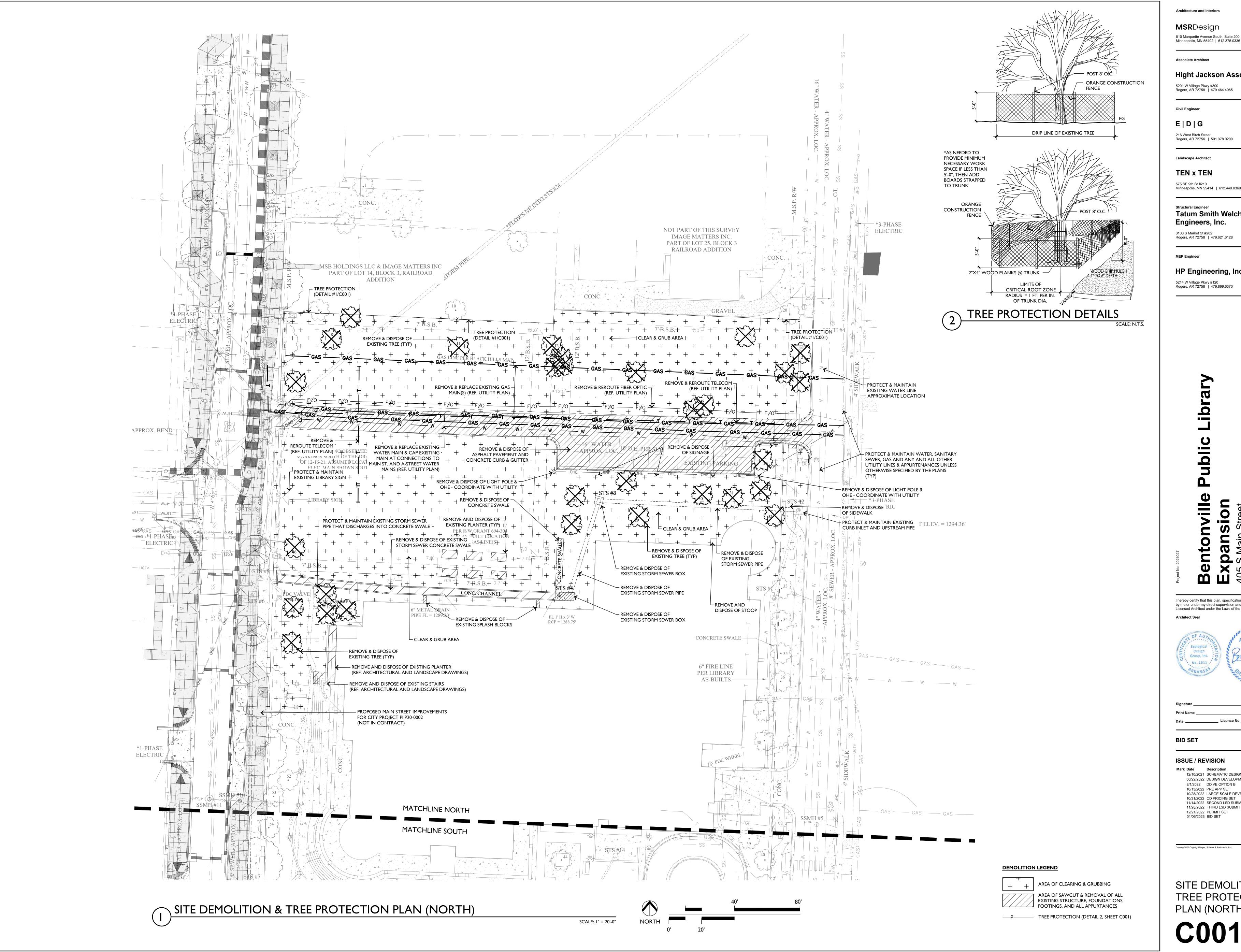
POUNDS LEAK DETECTION

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GENERAL NOTES



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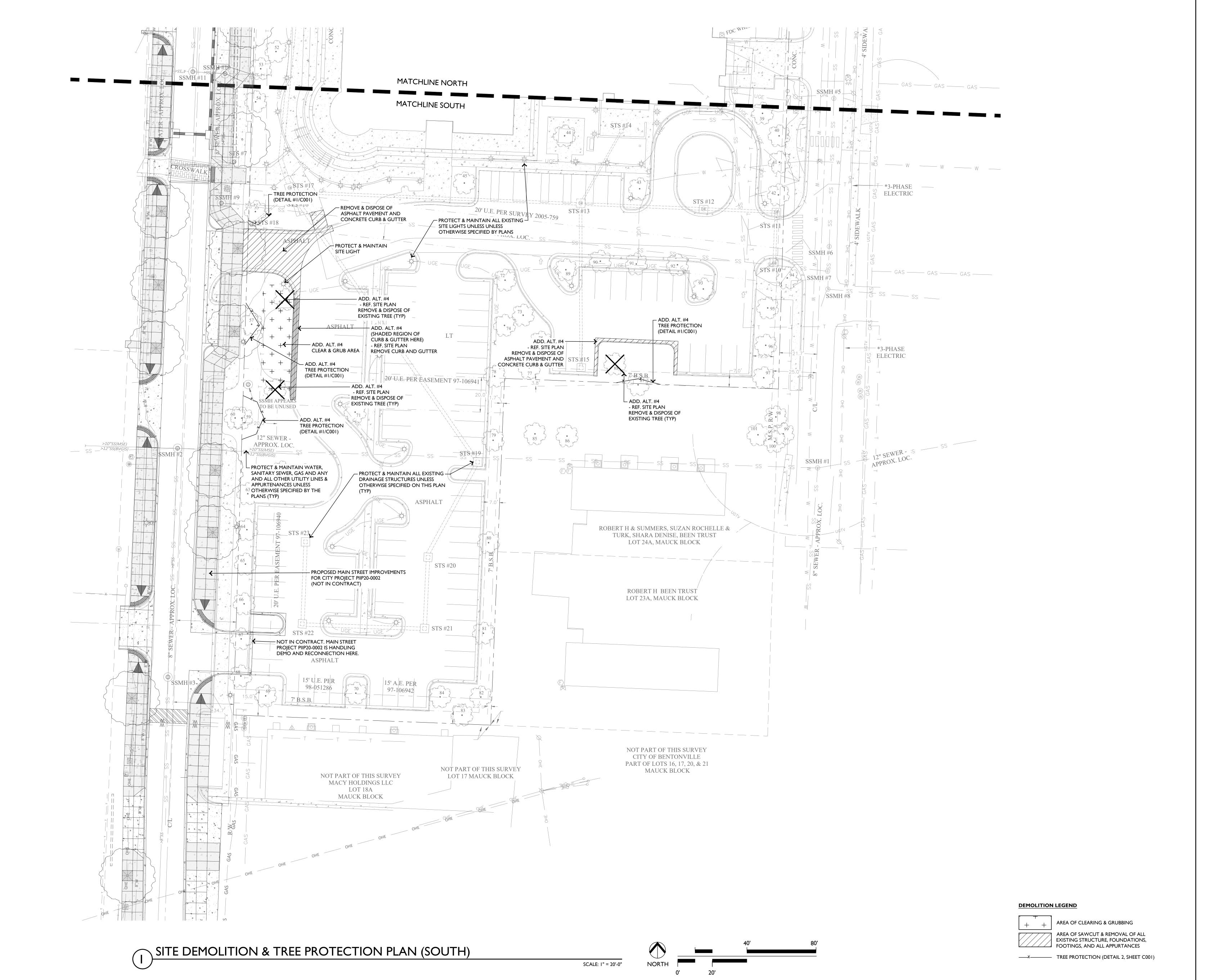


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SITE DEMOLITION & TREE PROTECTION PLAN (NORTH)



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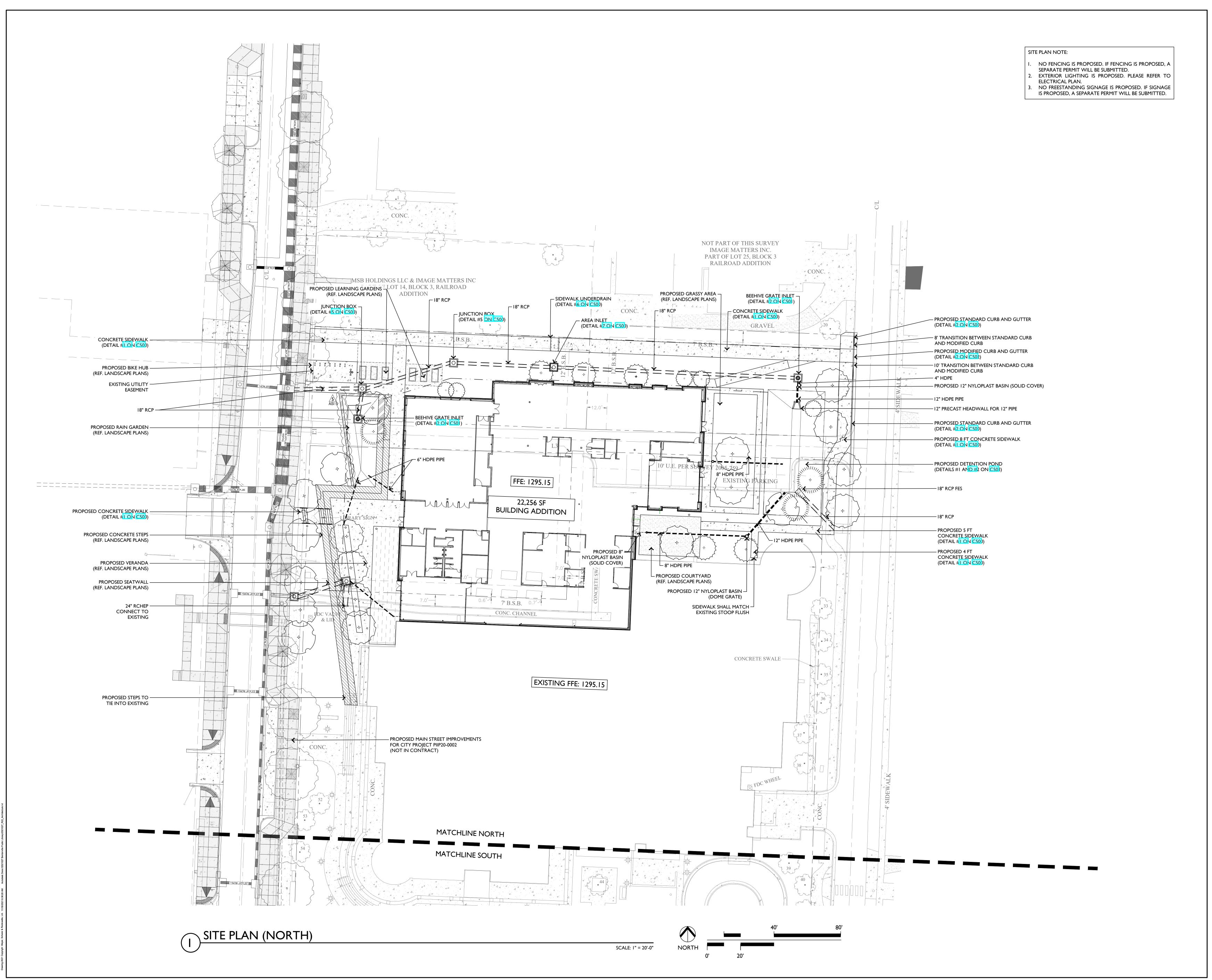
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SITE DEMOLITION & TREE PROTECTION PLAN (SOUTH)



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01/18/2023 BID SET - ADDENDUM 1
02/22/2023 BID SET - ADDENDUM 3
03/30/2023 ASI 2

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SITE PLAN (NORTH)

SITE PLAN NOTE: NO FENCING IS PROPOSED. IF FENCING IS PROPOSED, A SEPARATE PERMIT WILL BE SUBMITTED. EXTERIOR LIGHTING IS PROPOSED. PLEASE REFER TO ELECTRICAL PLAN. FREESTANDING SIGNAGE IS PROPOSED. PLEASE REFER TO LANDSCAPE PLANS. MATCHLINE NORTH MATCHLINE SOUTH 73"X14" RCPE< PROPOSED HANDICAP RAMP (TYP.)
W/ DETECTABLE WARNING DEVICE (DETAIL #4 ON C501) CONVERT EXISTING CURB -20' U.E. PER SURVEY 2005-759 INLET TO JUNCTION BOX (DETAIL #5 ON C500) - 380 LF OF TRAIL RESTRIPING CONCRETE SIDEWALK -(DETAIL #I ON C500) STANDARD CURB & GUTTER -(DETAIL #2 ON C500) ADD. ALT. #4 — 18" RCP ADD. ALT. #4 -- CURB INLET & 18" RCP WILL BE **CURB INLET** LOCATED HERE IF ADD. ALT. #4 FOR (DETAIL #I ON C501) PARKING STALLS IS NOT SELECTED • 95 3 /-- ADD. ALT. #4 - CONNECT CURB TO EXISTING HERE ADD. ALT. #4 -PARKING STRIPING IF ADD. ALT. #4 IS NOT SELECTED ASPHALT PARKING (DETAIL #3 ON C500) **ASPHALT** – ADD. ALT. #4 —— ASPHALT PAVEMENT, CURB _ ADD. ALT. #4 -& GUTTER AND STRIPING STANDARD CURB & GUTTER . FOR 12 PARKING STALLS (DETAIL #2 ON C500) 20' U.E. PER EASEMENT 97-106941 – ADD. ALT. #4 PARKING STRIPING L ADD. ALT. #4 STANDARD CURB & GUTTER (DETAIL #2 ON C500) L ADD. ALT. #4 **ASPHALT PARKING** (DETAIL #3 ON C500) – PROPOSED MAIN STREET IMPROVEMENTS FOR CITY PROJECT PIIP20-0002 (NOT IN CONTRACT) **ASPHALT** ROBERT H & SUMMERS, SUZAN ROCHELLE & _STS #23 TURK, SHARA DENISE, BEEN TRUST LOT 24A, MAUCK BLOCK STS #20 ROBERT H BEEN TRUST LOT 23A, MAUCK BLOCK **ASPHALT** NOT PART OF THIS SURVEY CITY OF BENTONVILLE PART OF LOTS 16, 17, 20, & 21 NOT PART OF THIS SURVEY MAUCK BLOCK NOT PART OF THIS SURVEY LOT 17 MAUCK BLOCK MACY HOLDINGS LLC LOT 18A MAUCK BLOCK SITE PLAN (SOUTH) SCALE: I" = 20'-0"

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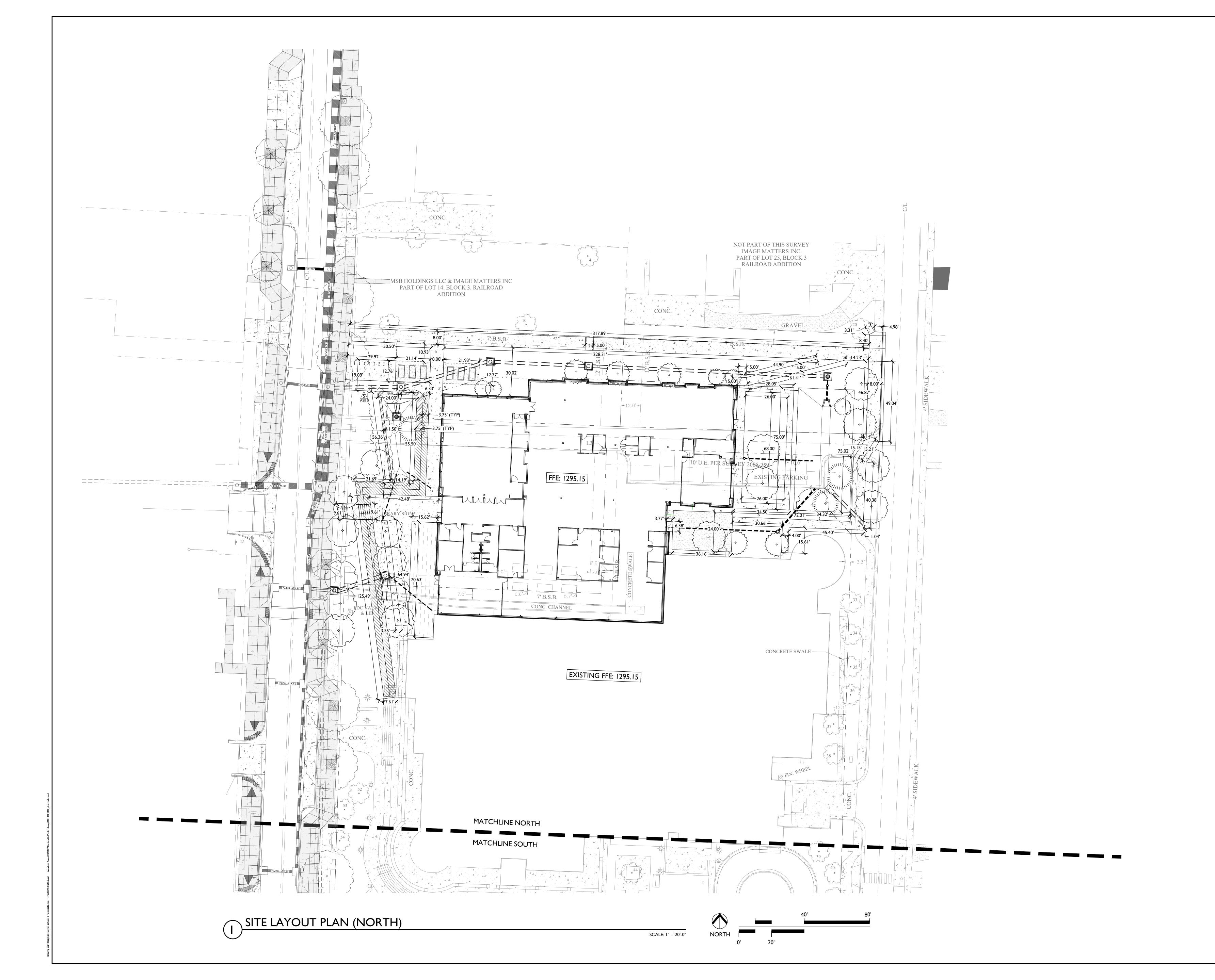


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SITE PLAN (SOUTH)



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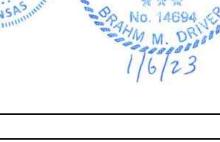
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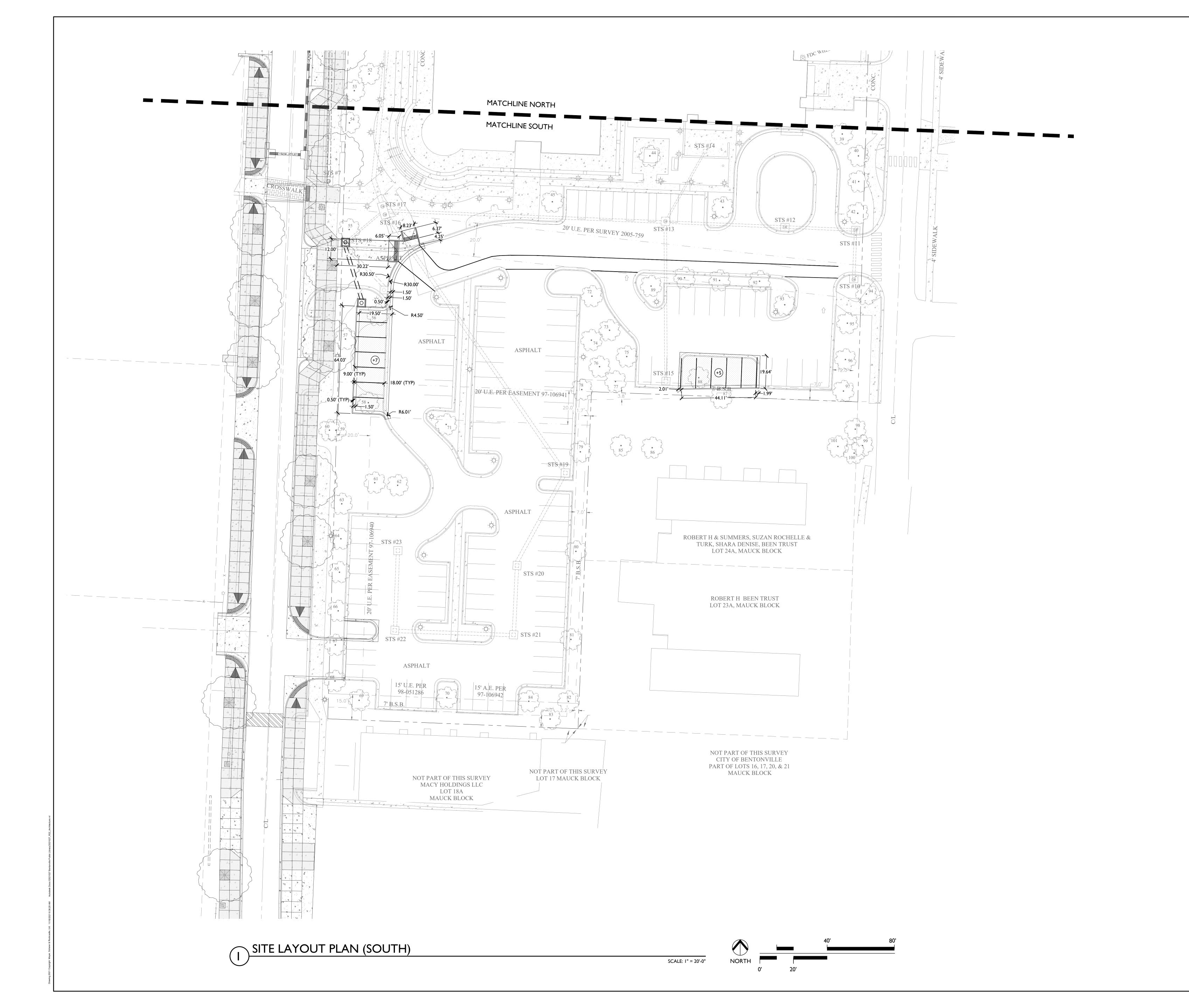


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SITE LAYOUT PLAN (NORTH)



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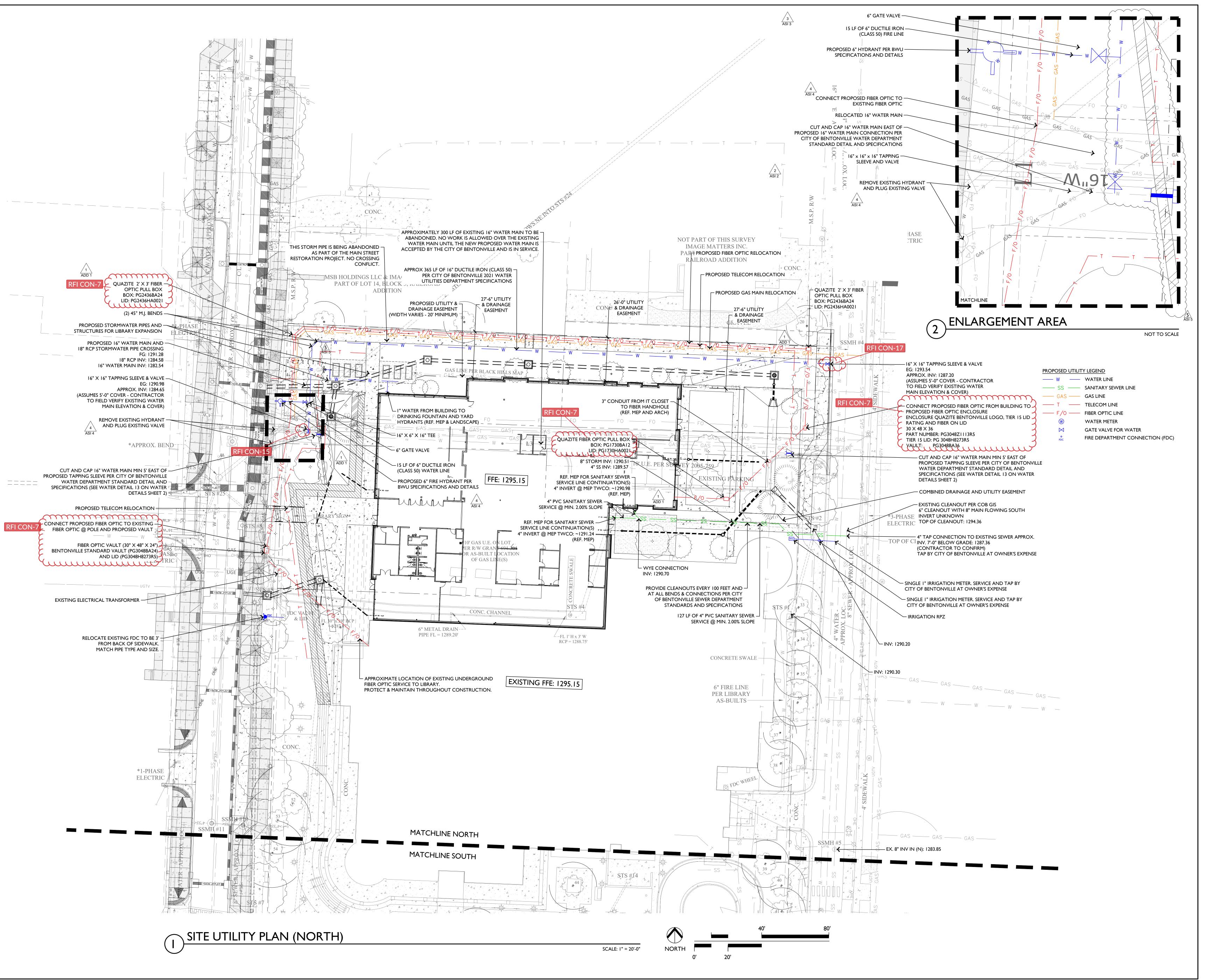
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SITE LAYOUT PLAN (SOUTH)



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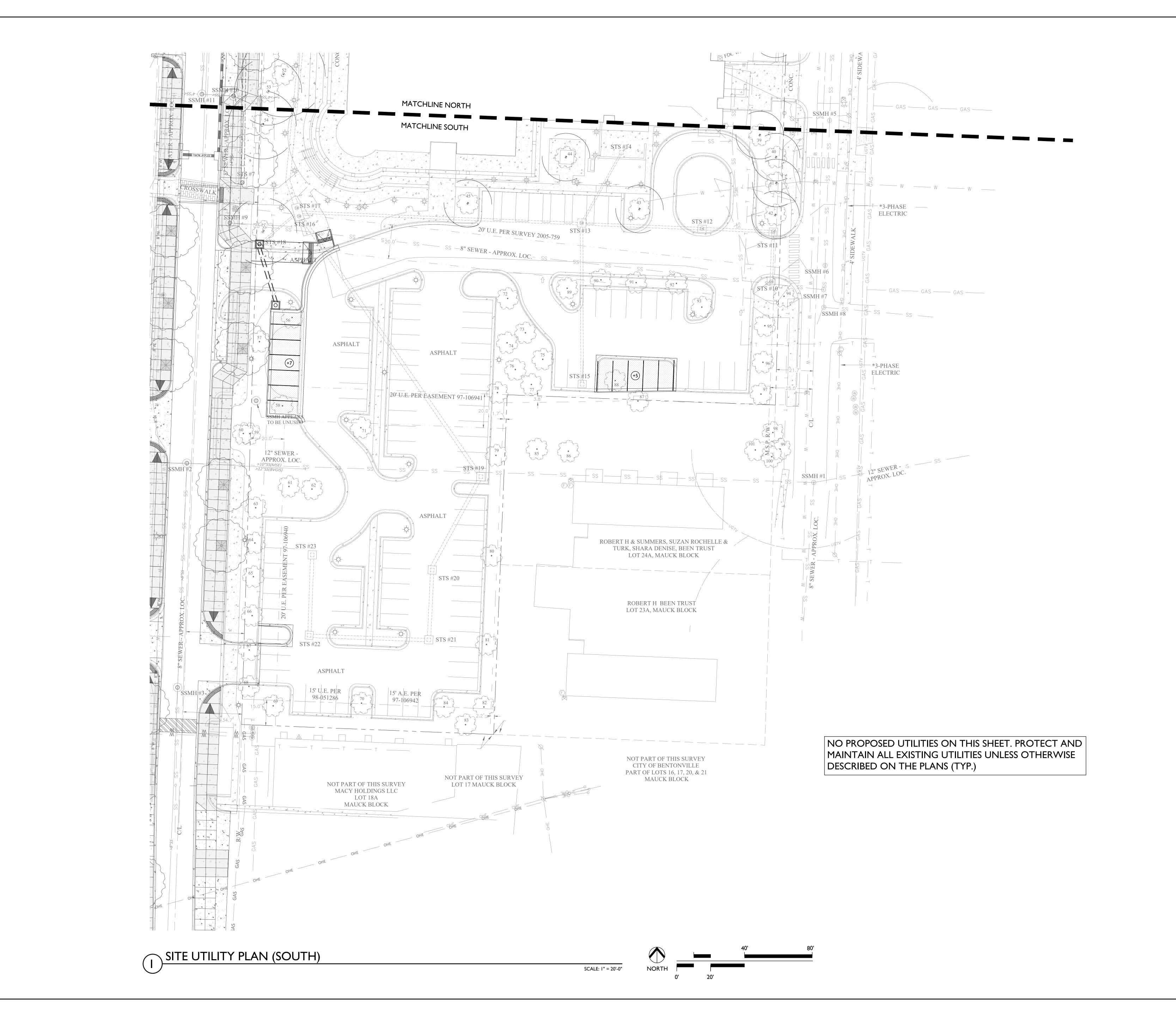
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SITE UTILITY PLAN (NORTH)



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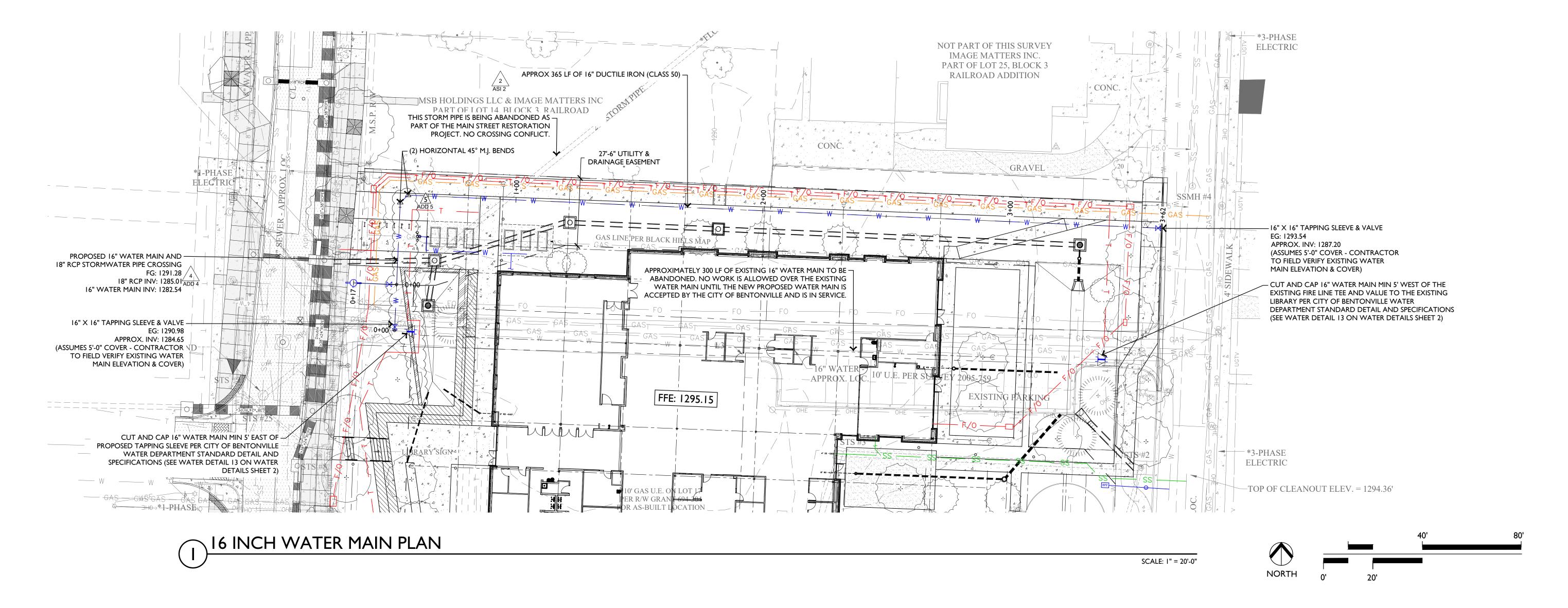
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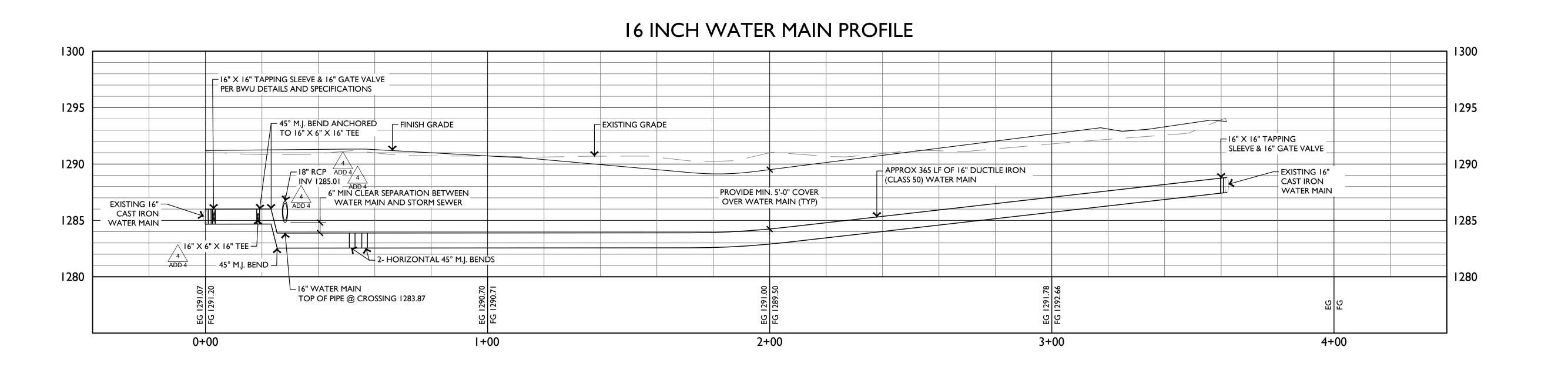
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SITE UTILITY PLAN (SOUTH)





(2) 16 INCH WATER MAIN PROFILE

HORIZONTAL SCALE: I" = 20'-0" VERTICAL SCALE: I" = 5'-0" Architecture and Interiors

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HP Engineering, Inc.

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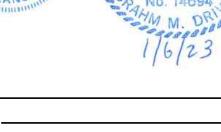
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16 INCH WATER MAIN PLAN & PROFILE

PROPOSED UTILITY LEGEND

W WATER LINE

SS SANITARY SEWER LINE

GAS GAS LINE

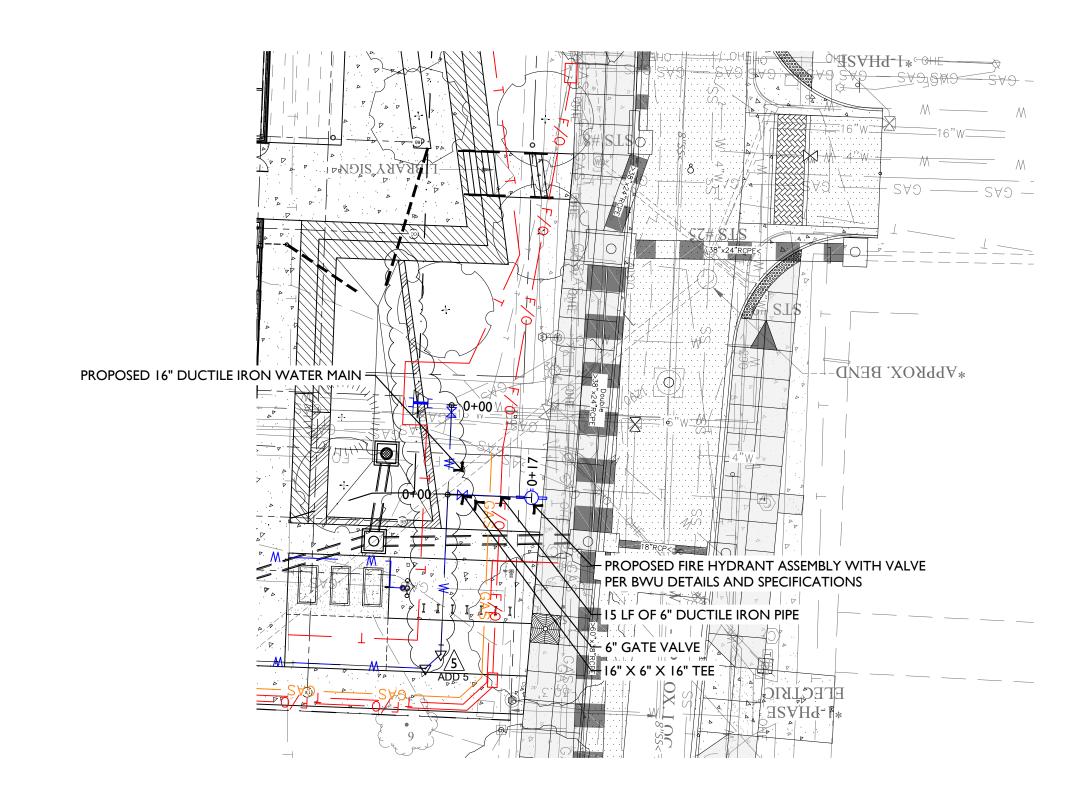
T TELECOM LINE

F/O FIBER OPTIC LINE

W WATER METER

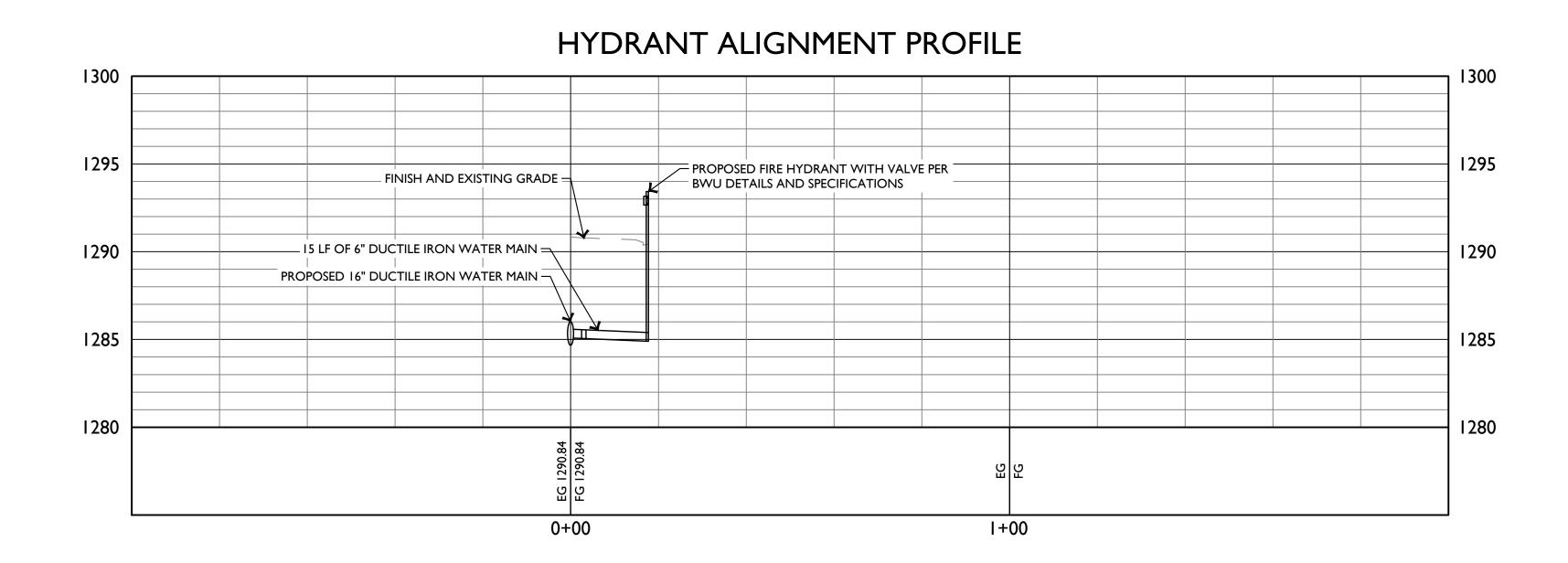
GATE VALVE FOR WATER

FIRE DEPARTMENT CONNECTION (FDC)



(I)HYDRANT PLAN

NORTH 0' 20'



2 HYDRANT PROFILE

HORIZONTAL SCALE: I" = 20'-0" VERTICAL SCALE: I" = 5'-0"

SCALE: I" = 20'-0"

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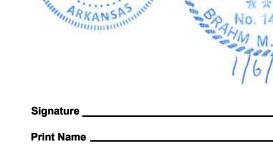
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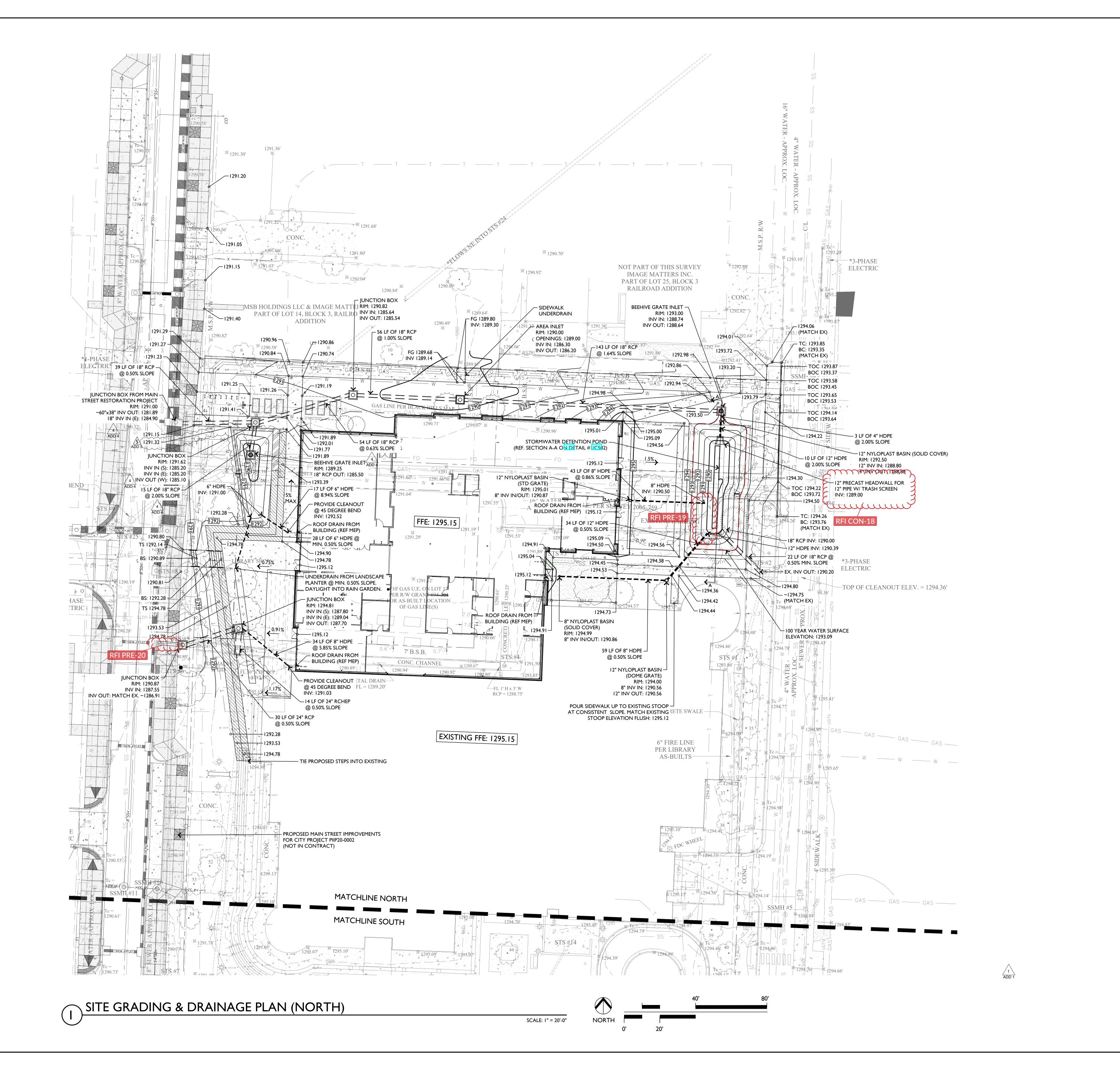
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HYDRANT WATER
MAIN PLAN & PROFILE



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SITE GRADING & DRAINAGE PLAN (NORTH)

(NOT IN CONTRACT) MATCHLINE NORTH MATCHLINE SOUTH 73,,XT4,, BCbE< – CONVERT CURB INLET TO JUNCTION BOX EX INVERT: 1288.57 ₩ 1293.87' *3-PHASE ≅ TOC 1292.50 = **ELECTRIC** BOC 1292.00 20' U.E. PER SURVEY 2005-759 1293.86' SS —8" SEWER - APPROX. LOC.— [∞] 1293.85' BOC 1292.25 TOC 1292.58 BOC 1292.08 1294.67' 1294.38' 1293.74 ADD. ALT. #4
33 LF OF 18" RCP TOC 1291.40 — CURB INLET & 18" RCP WILL BE SSMH #7 To LOCATED HERE IF ADD. ALT. #4 FOR @ 0.50% MIN. SLOPE BOC 1290.90 129 PARKING STALLS IS NOT SELECTED. CONTACT CIVIL ENGINEER (EDG) FOR RIM AND INVERT INFORMATION — TOC 1291.79 IF ADD. ALT. #4 IS NOT SELECTED. BOC 1291.29 [∞] 1293.25' 1292- MATCH EXISTING W 1293.37' **CURB INLET** ASPHALT FLUSH ₹1293.35T RIM: 1291.40 18" INV OUT: 1288.74 **ASPHALT** MATCH EXISTING *3-PHASE ASPHALT FLUSH **ELECTRIC** 20' U.E. PER EASEMENT 97-106941 BOC 1292.63 BOC 1292.96 TOC 1292.25 [→] BOC 1291.75 TOC 1292.67 BOC 1292.17 -APPROX. LOC. FOR CITY PROJECT PIIP20-0002 (NOT IN CONTRACT) **ASPHALT** ROBERT H & SUMMERS, SUZAN ROCHELLE & _STS #23 TURK, SHARA DENISE, BEEN TRUST LOT 24A, MAUCK BLOCK STS #20 ROBERT H BEEN TRUST LOT 23A, MAUCK BLOCK [∞] 1293.65′ [∞] 1292.34' [⋈] 1293.90' 97-106942 [⋈] 1293.06′ NOT PART OF THIS SURVEY CITY OF BENTONVILLE PART OF LOTS 16, 17, 20, & 21 NOT PART OF THIS SURVEY MAUCK BLOCK NOT PART OF THIS SURVEY LOT 17 MAUCK BLOCK MACY HOLDINGS LLC LOT 18A MAUCK BLOCK ₩[™] 1293.73' SITE GRADING & DRAINAGE PLAN (SOUTH) SCALE: I" = 20'-0"

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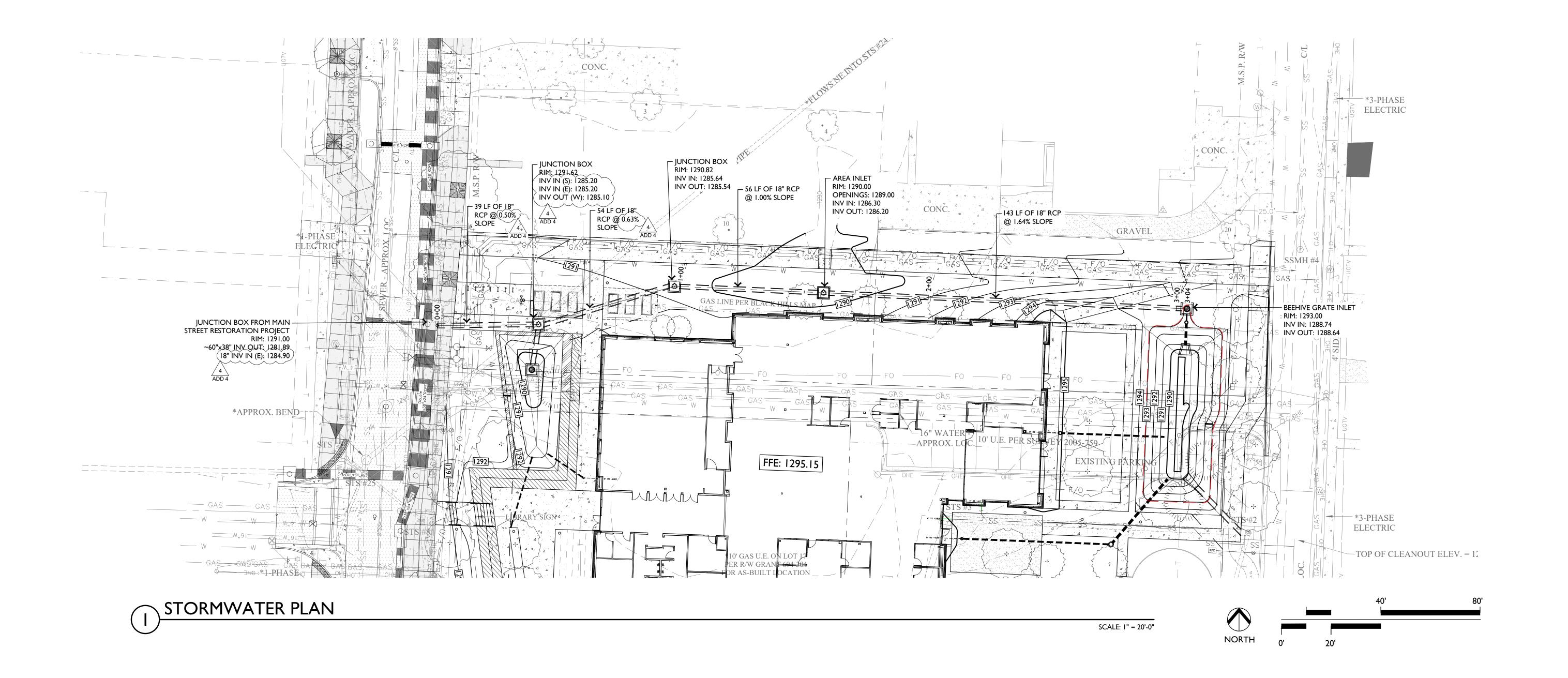


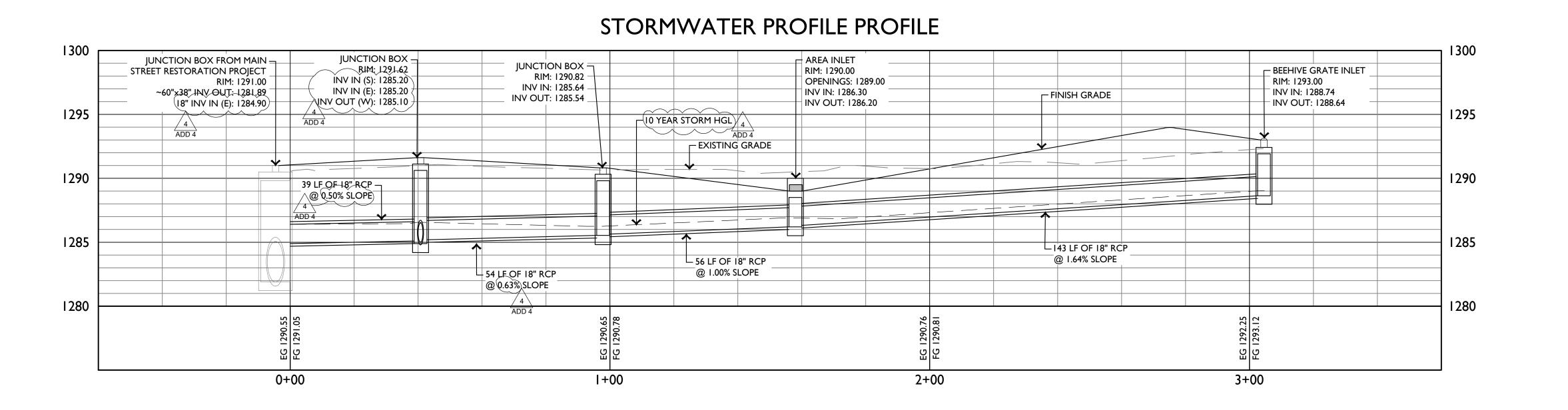


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SITE GRADING & DRAINAGE PLAN (SOUTH)





2 STORMWATER PROFILE

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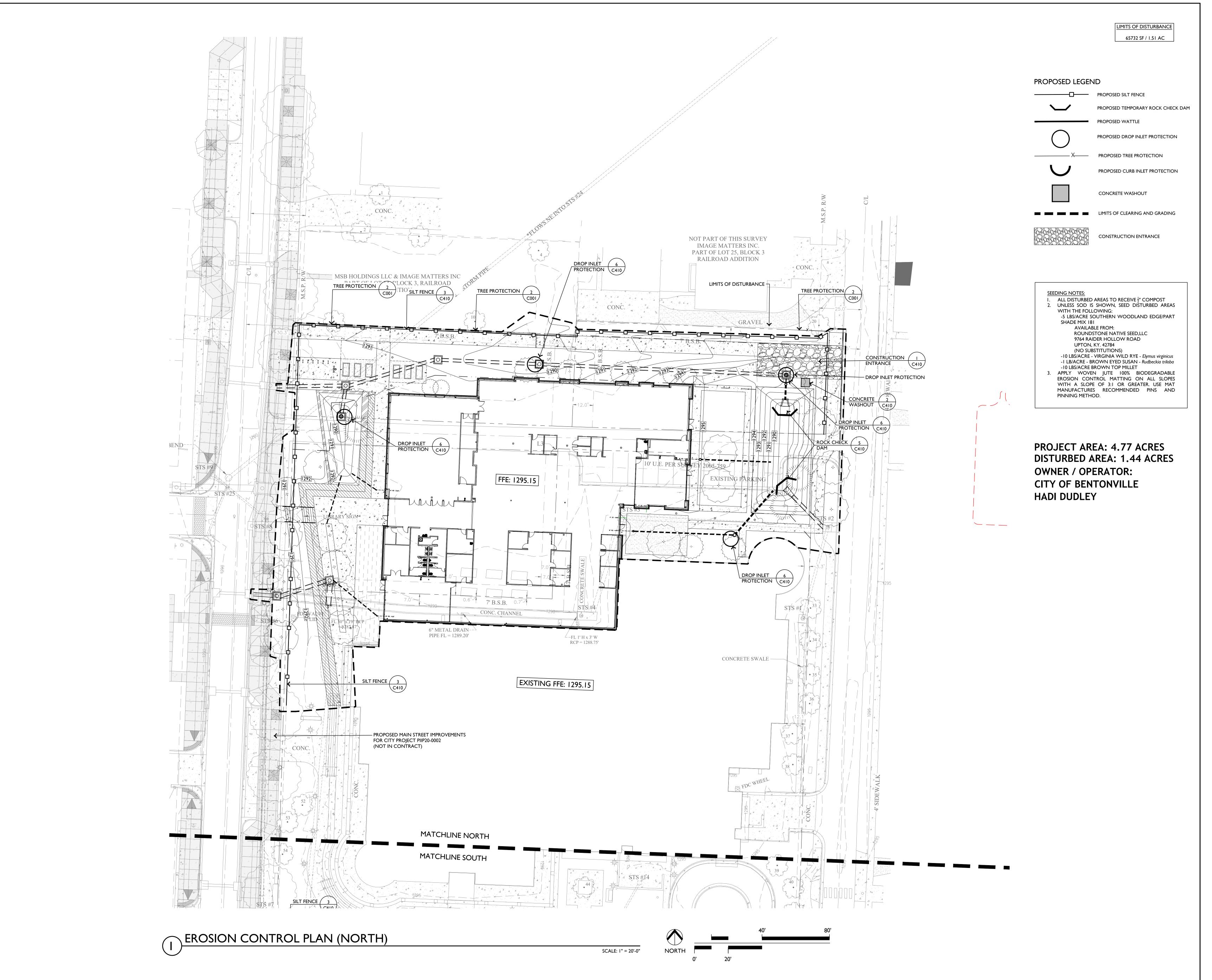
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STORMWATER PLAN & PROFILE



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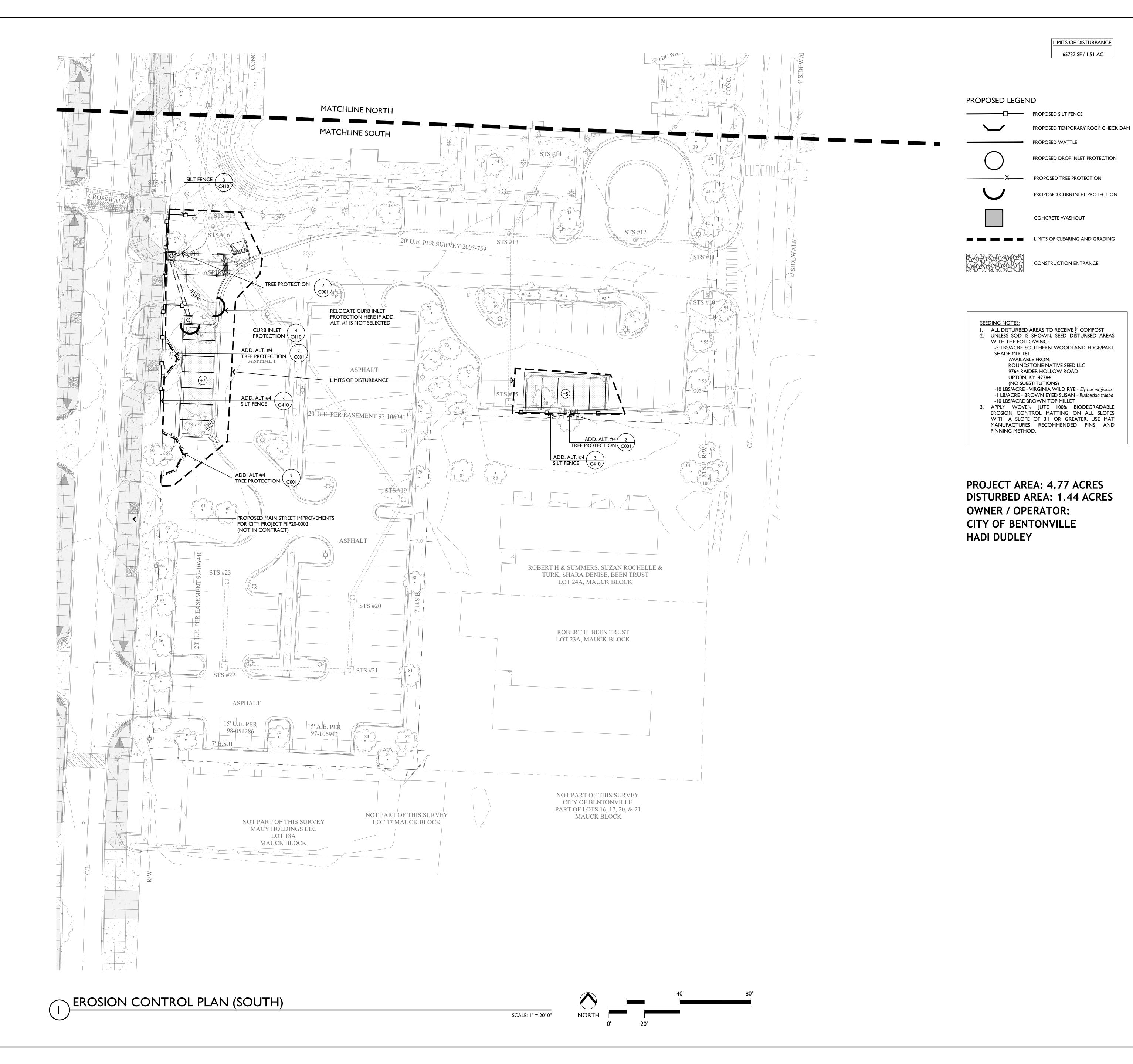
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EROSION CONTROL PLAN (NORTH)



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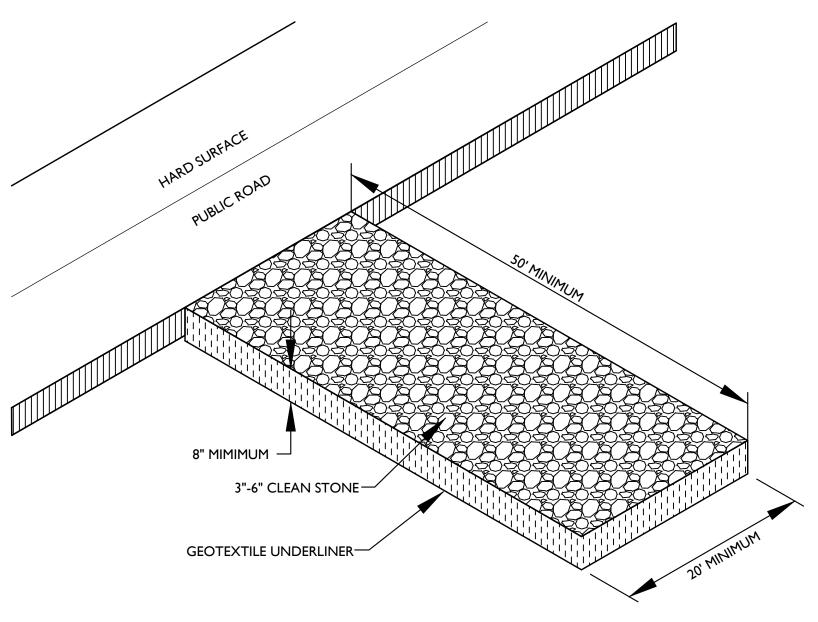
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EROSION CONTROL PLAN (SOUTH)



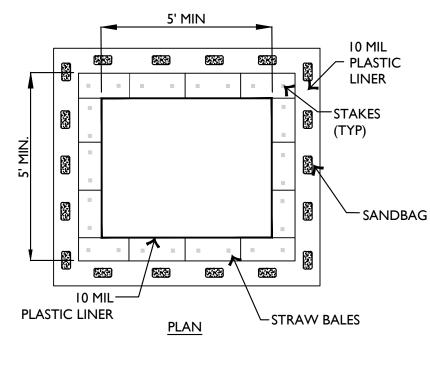
CONSTRUCTION EXIT NOTES

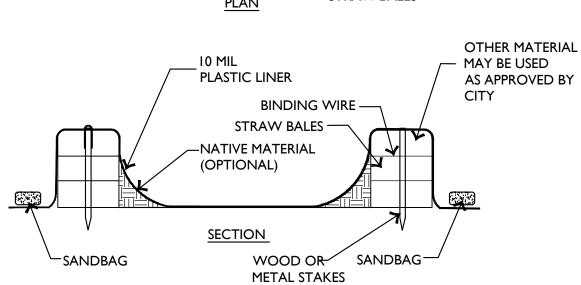
REPLACE CONTAMINATED STONE AS REQUIRED TO PREVENT TRACKING OF SEDIMENT OR MUD ON PUBLIC STREETS. 2. CLEAN STREETS DAILY WITH BROOM AND SHOVEL. THE USE OF WATER IS PROHIBITED.



3. ALL VEHICLES MUST USE CONSTRUCTION EXIT.

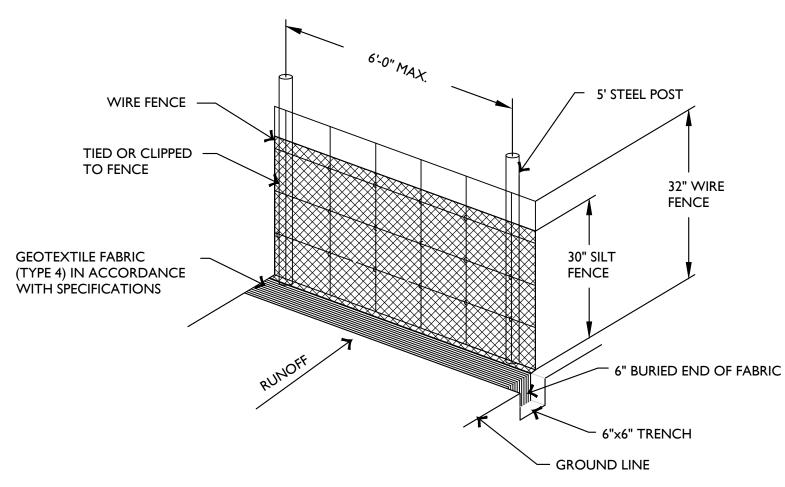
SCALE: N.T.S.





WASHOUT NOTES

- I. NO WASHING OUT OF CONCRETE TRUCKS OR WASHING OF SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE INTO STORM DRAINS, OPEN DITCHES, STREETS, OR STREAMS IS ALLOWED.
- 2. EXCESS CONCRETE IS NOT ALLOWED TO BE DUMPED ON-SITE, EXCEPT IN DESIGNATED TEMPORARY CONCRETE WASHOUT PIT AREAS.
- 3. ON-SITE TEMPORARY CONCRETE WASHOUT AREAS WILL BE LOCATED AT LEAST 50 FEET FROM STORM DRAINS, OPEN DITCHES, OR WATER BODIES AS DETERMINED IN THE FIELD.
- 4. TEMPORARY CONCRETE WASHOUT FACILITIES WILL BE CONSTRUCTED AND MAINTAINED IN SUFFICIENT QUANTITY AND SIZE TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS. 5. WASHOUT FACILITIES WILL BE CLEANED OUT OR REPLACED ONCE THE
- WASHOUT IS 75% FULL. 6. PLASTIC LINING MATERIAL WILL BE MINIMUM OF 10 MIL POLYETHYLENE SHEETING
- AND WILL BE FREE OF HOLES, TEARS, OR OTHER DEFECTS. 7. WHEN WASHOUT FACILITIES ARE NO LONGER REQUIRED FOR WORK, THE HARDENED CONCRETE WILL BE REMOVED AND DISPOSED OF OFFSITE. MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES WILL BE REMOVED FROM THE SITE AND DISPOSED OF.



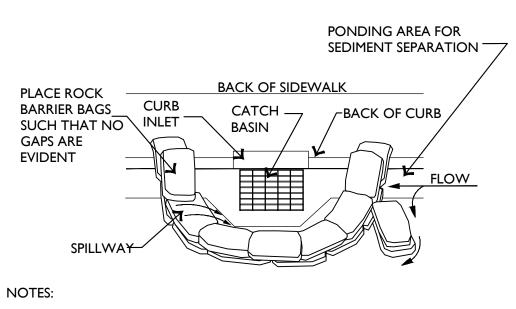
SILT FENCE NOTES:

- I. POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF ONE FOOT. 2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. HERE FENCE CANNOT BE TRENCHED IN (e.g. PAVEMENT), WEIGHT FABRIC FLAP WITH ROCK ON
- UPHILL SIDE TO PREVENT FLOW FROM SEEPING UNDER FENCE. 3. THE TRENCH MUST BE A MINIMUM OF 6 INCHES DEEP AND 6 INCHES WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL. 4. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH SUPPORT POST OR TO WOVEN WIRE, WHICH IN TURN IS ATTACHED TO THE FENCE POST. THERE SHALL BE A 3 FOOT OVERLAP, SECURELY
- 5. REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED. 6. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
- ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF HALF THE HEIGHT OF THE FENCE. THE SILT SHALL BE DISPOSED OF AT AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO ADDITIONAL SILTATION.



FASTENED WHERE ENDS OF FABRIC MEET.

SCALE: N.T.S.



- BAGS OF WOVEN GEOTEXTILE FABRIC, FILLED WITH GRAVEL MUST BE LAYERED SUCH THAT NO GAPS ARE EVIDENT. 2. LEAVE ONE SANDBAG GAP IN THE TOP ROW ON THE SIDE AWAY FROM
- ON BOTH SIDES. 3. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT, SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

Landscape Architect FLOW, TO PROVIDE A SPILLWAY; OR IN THE CENTER IF PONDING IS NEEDED TEN x TEN 575 SE 9th St #210 Minneapolis, MN 55414 | 612.440.8369

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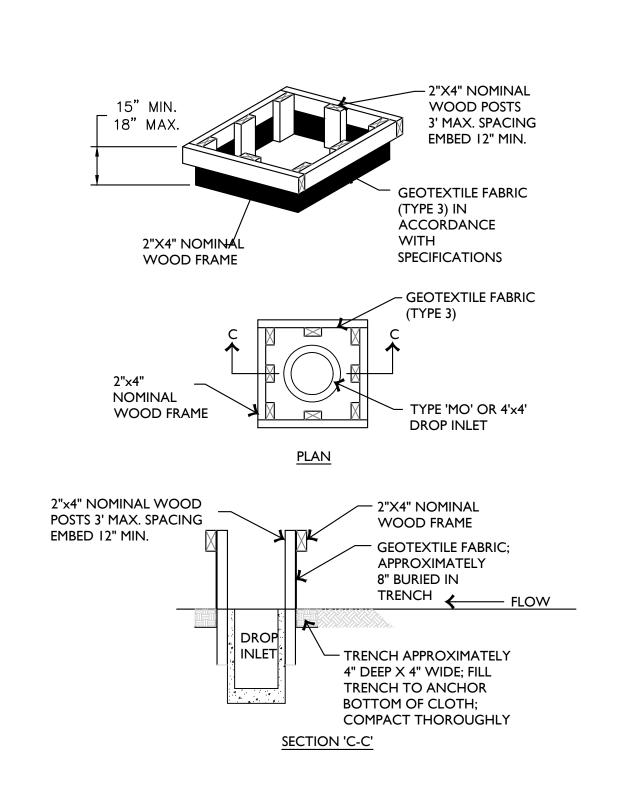
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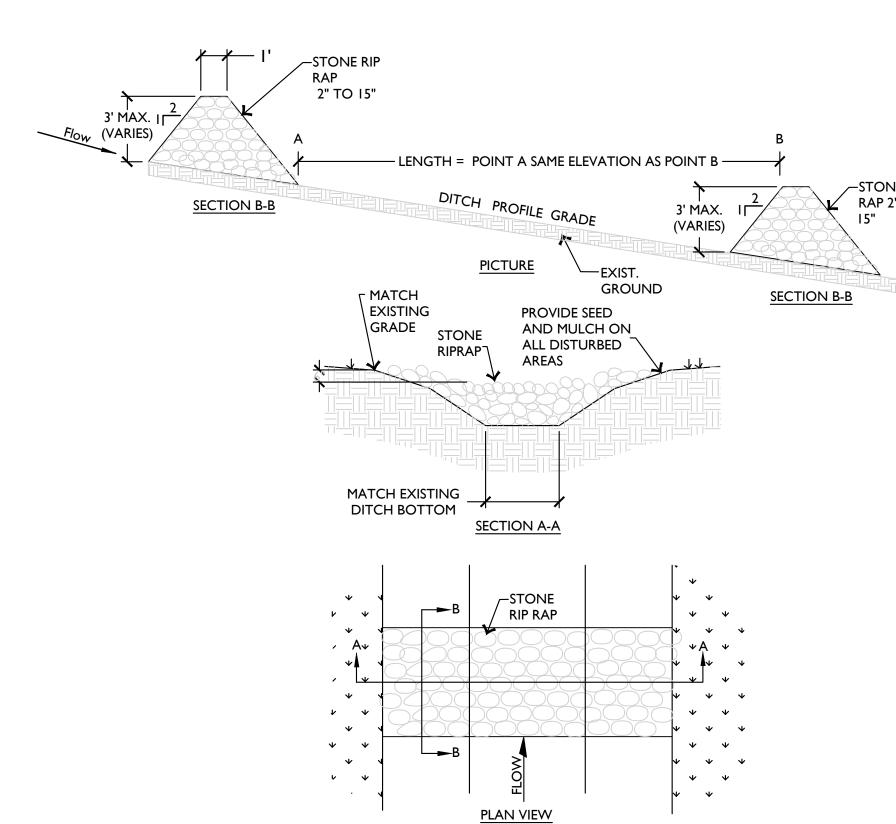
EROSION CONTROL PLAN **DETAILS**

CONCRETE WASHOUT SCALE: N.T.S.



DROP INLET PROTECTION

SCALE: N.T.S.



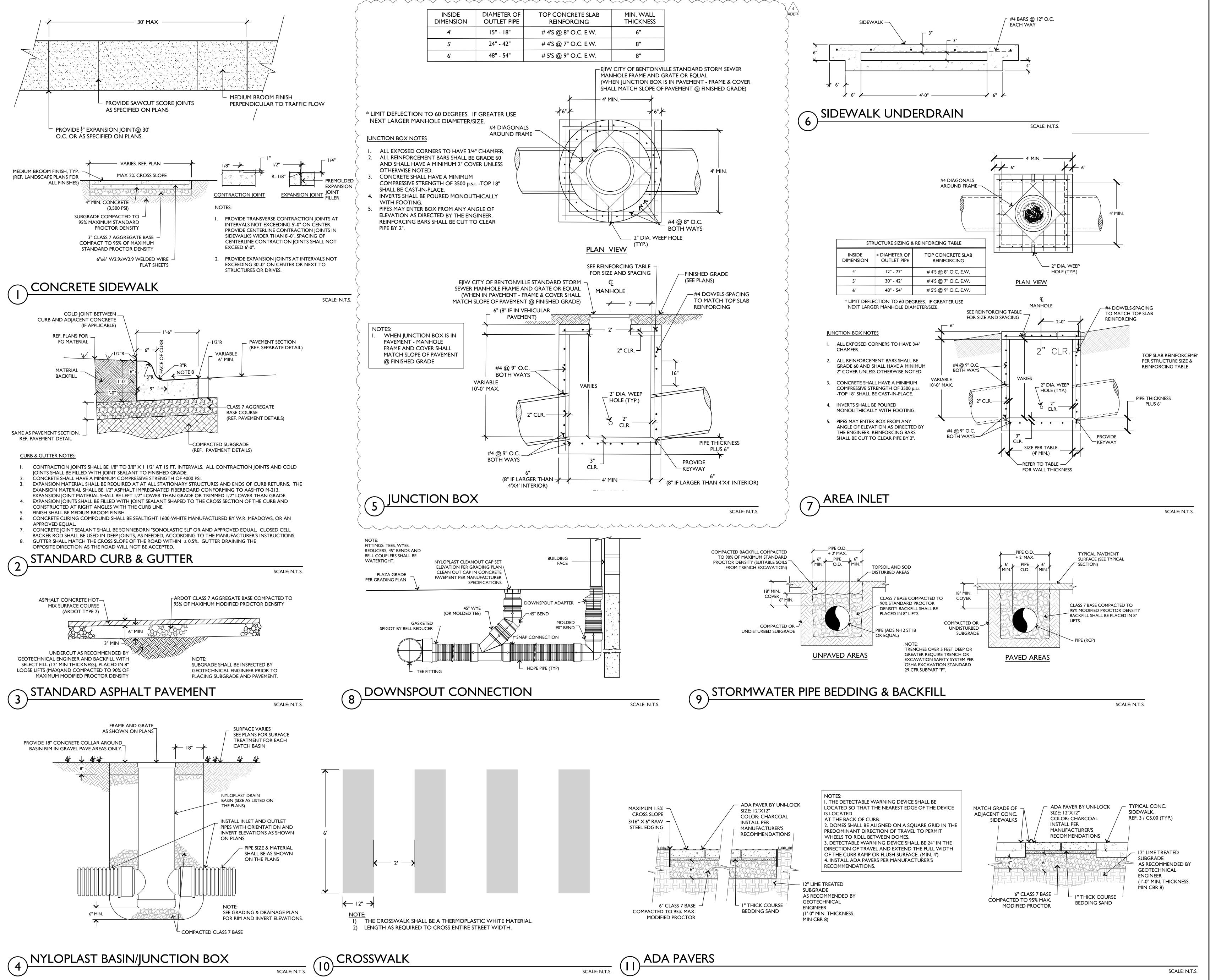
INSTALLATION:

- I. EXCAVATE KEY-WAY (IF REQUIRED) 2. A GEOTEXTILE FABRIC SHALL BE INSTALLED OVER THE SOIL SURFACE WHERE THE ROCK IS TO BE PLACED (IF REQUIRED)
- 3. ROCK DIAMETERS SHOULD BE 2" TO 15" IN DIAMETER 4. ROCK DITCH CHECKS SHOULD NOT EXCEED 3 FEET
- 5. STONES SHOULD BE PLACED UP THE CHANNEL BANKS TO PREVENT WATER FROM CUTTING AROUND THE DITCH CHECK 6. INSTALLATION SHALL BE PLACED EITHER BY HAND OR MECHANICALLY AND NOT JUST DUMPED TO ACHIEVE COMPLETE COVERAGE
- OF THE DITCH AND ENSURE THE CENTER OF THE DAMN IS LOWER THAN THE EDGES 7. MAXIMUM SPACING BETWEEN MULTIPLE DAMS SHOULD BE SUCH THAT THE TOE OF THE UPSTREAM CHECK IS THE SAME AS THE TOP

OF THE DOWNSTREAM CHECK

- INSPECT ROCK DITCH CHECKS EVERY (7) CALENDAR DAYS AND WITH-IN 24 HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/2" PRECIPITATION.
- SEDIMENT SHOULD BE REMOVED WHEN IT REACHES 1/2 THE ORIGINAL CHECK HEIGHT
- IN THE CASE OF GRASS-LINED DITCHES OR SWALES, ROCK DITCH CHECKS SHOULD BE REMOVED WHEN THE GRASS HAS MATURED SUFFICIENTLY TO PROTECT THE DITCH OR SWALE, IF THE SLOPE IS 4% OR LESS.
- THE AREA BENEATH THE ROCK DITCH CHECKS SHOULD BE SEEDED AND MULCHED IMMEDIATELY AFTER THE CHECK DAM REMOVAL
- (5) ROCK CHECK DAM

SCALE: N.T.S.



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11/14/2022 SECOND LSD SUBMITTAL

11/28/2022 THIRD LSD SUBMITTAL

12/21/2022 PERMIT SET

01/06/2023 BID SET

01/18/2023 BID SET - ADDENDUM 1

02/22/2023 BID SET - ADDENDUM 3

03/30/2023 ASI 2

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05/22/2023 ASI 4

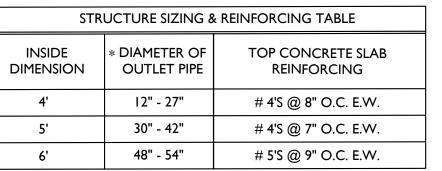
SITE DETAILS

DROP INLET NOTES

- I. ALL EXPOSED CORNERS TO HAVE 3/4" CHAMFER.
- 2. ALL REINFORCEMENT BARS SHALL BE GRADE 60 AND SHALL HAVE A MINIMUM 2" COVER UNLESS OTHERWISE NOTED.
- 3. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3500 p.s.i. -TOP 18"

SHALL BE CAST-IN-PLACE.

- 4. INVERTS SHALL BE POURED MONOLITHICALLY WITH FOOTING.
- 5. CURB INLET BACK OPENING LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 6. WHEN AN INLET IS PLACED ADJACENT TO CONCRETE PAVEMENT, THE GUTTER DEPRESSION SHALL BE FORMED IN CONCRETE PAVEMENT.
- 7. PIPES MAY ENTER BOX FROM ANY ANGLE OF ELEVATION AS DIRECTED BY THE ENGINEER. REINFORCING BARS SHALL BE CUT TO CLEAR
- 8. THE EXPANSION JOINT SHALL HAVE A THICKNESS OF 1/2" AND CONFORM TO AASHTO M213.
- 9. REFER TO CURB AND GUTTER DETAILS FOR APPROPRIATE CURB CONFIGURATION AND GUTTER DIMENSIONS AT EACH INLET LOCATION.
- 10. REFER TO PLAN AND PROFILE SHEETS TO DETERMINE EXTENSIONS AND SIZE (IF ANY) ACCOMPANYING DROP INLETS.
- II. PRIOR TO AND DURING PLACEMENT OF PAVEMENT IN FRONT OF INLETS, THE CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AT ALL TIMES.
- 12. THE METHODS USED FOR THIS WORK SHALL BE APPROVED BY THE ENGINEER.

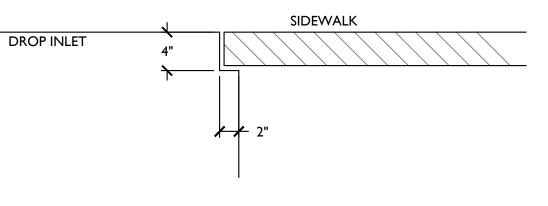


* LIMIT DEFLECTION TO 60 DEGREES. IF GREATER USE NEXT LARGER MANHOLE DIAMETER/SIZE.

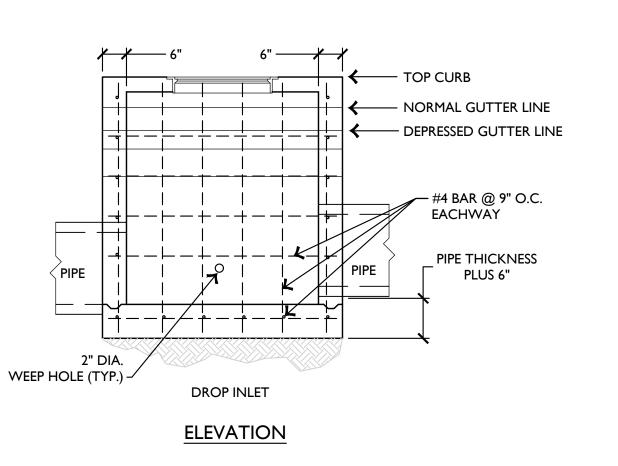
SEE SHEET D3 FOR

EXTENSION DETAILS

EXPANSION JOINT



NOTCH FOR SIDEWALKS



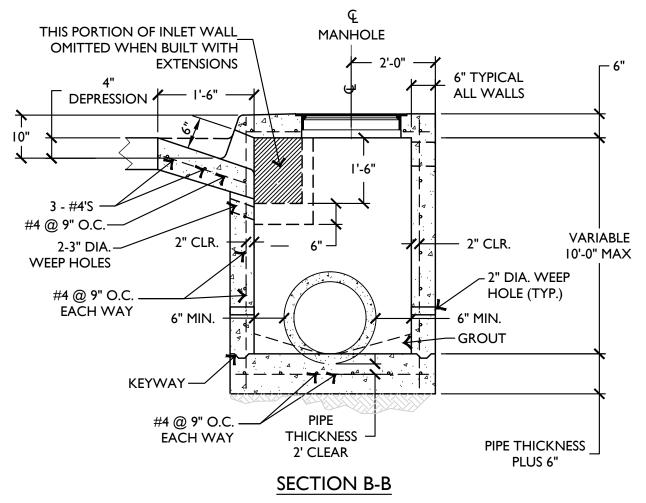
3-#4 BARS

INLET

┍┪╒

EVENLY SPACED

CONT. THRU



-#4 DIAGONAL BARS

— I I/2" EXPANSION JOINT

SIZE PER TABLE

(WIDTH VARIES)

WEEP HOLE (TYP.)

SIZE PER TABLE

(4' MIN)

В 🗲

PLAN VIEW

SCALE: N.T.S.

TOP SLAB REINFORCEMENT

TABLE SHOWN ABOVE.

GUTTER

3 - #4 BARS EVENLY

SPACED CONT.

THRU INLET

2-#4 BARS CONT. ACROSS

1/2" PREFORMED

EXPANSION JOINT

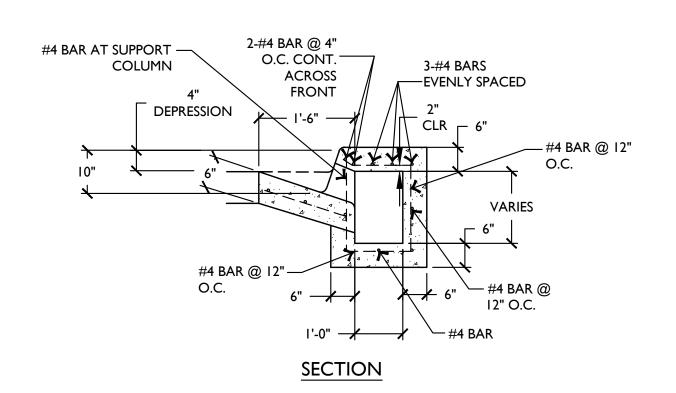
4' TRANSITION FOR GUTTER

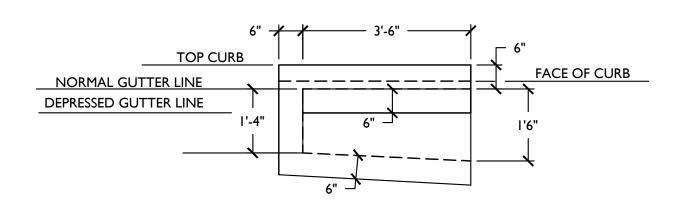
I'-0" PER I" DEPRESSION

DEPRESSION - DOWNSTREAM

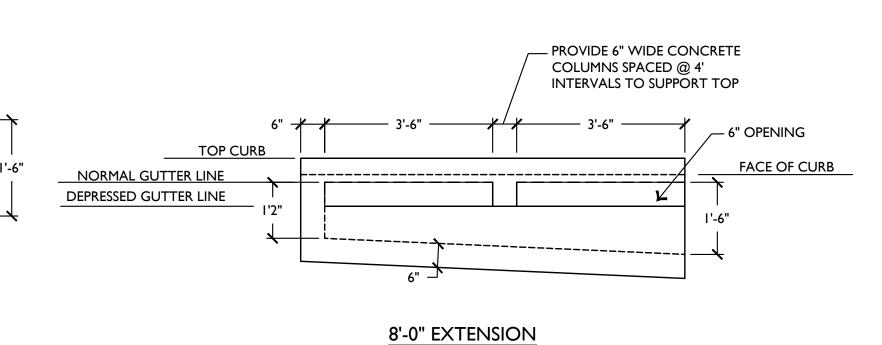
FRONT @ 4" O.C.

PER STRUCTURE SIZING & REINFORCING





4'-0" EXTENSION



TYPICAL RECTANGULAR CURB INLET & EXTENSIONS

☐ 12' TRANSITION FOR GUTTER

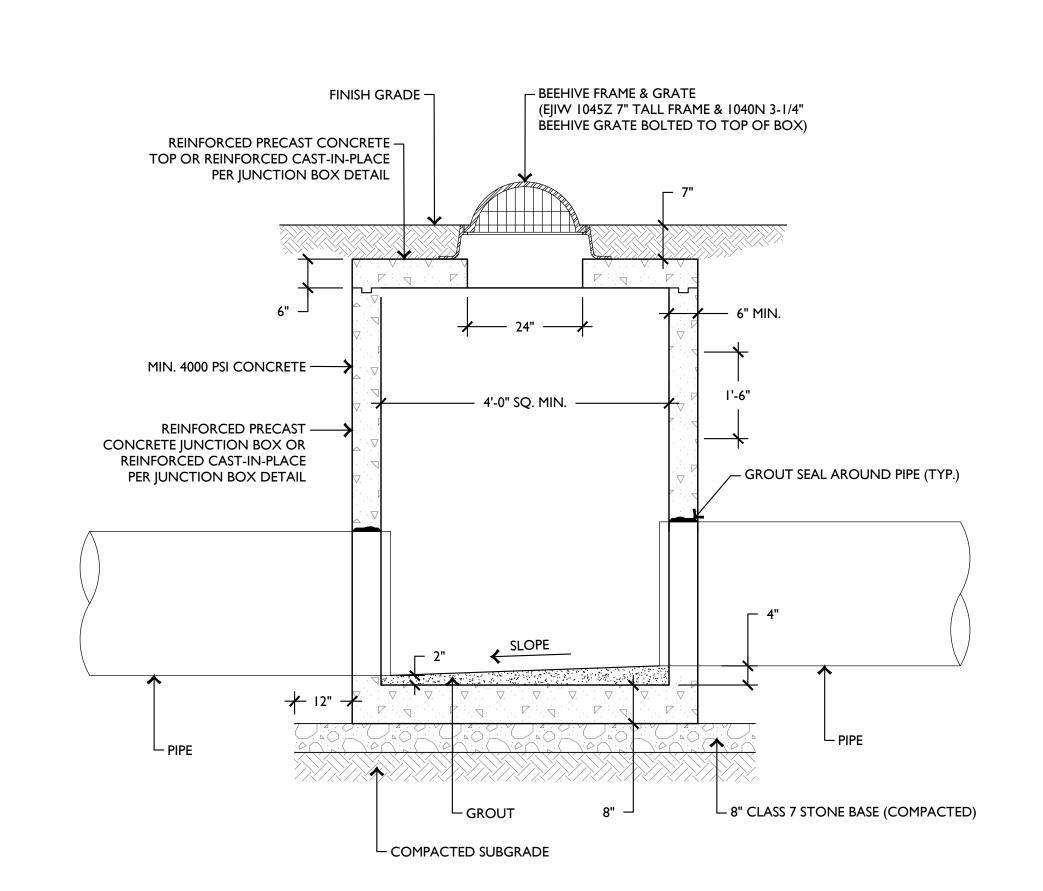
UPSTREAM 3'-0" PER I" DEPRESSION

L CURB AND

#4 BARS @ —

12" O.C.

SCALE: N.T.S.



BEEHIVE GRATE INLET

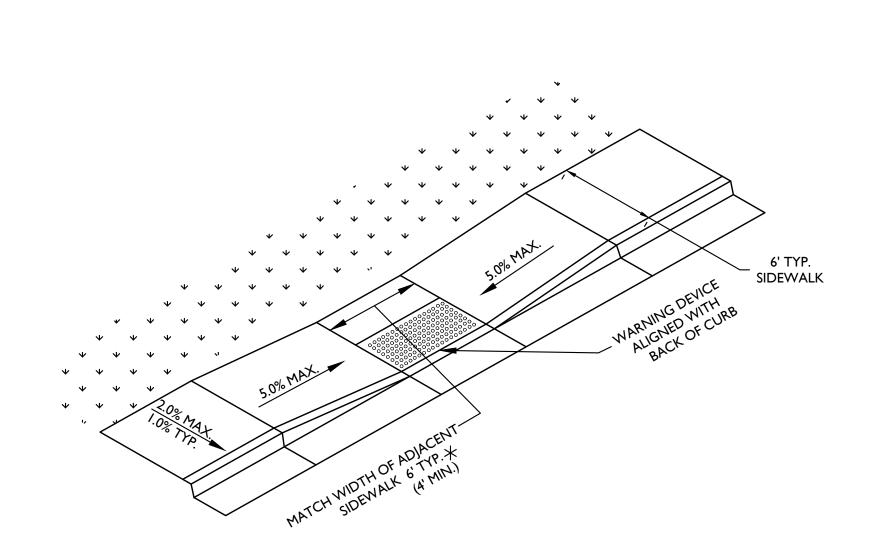
1/2" EXPANSION MATERIAL WITH TOP HALF INCH FILLED -WITH SILICONE **HYPOTHETICAL** 2' TRUNCATED — JOINT SEALER BACK OF CURB @ 2% TYP. SLOPE TO RIGHT-OF-WAY (8.33% MAX.) 4" COMPACTED -- EXISTING STREET CONCRETE MATERIAL **CLASS 7 BASE** UNYIELDING SUBGRADE OR -SECTION A-A APPROVED COMPACTED MATERIAL MATCH WIDTH OF — SIDEWALK TAPER CURB FROM 6" SIDEWALK **ADA PAVERS** * SIDEWALK AND GREENSPACE (REF. SEPARATE DETAIL) WIDTHS MAY VARY BASED ON CURRENT MASTER STREET PLAN OR APPROVED SUBDIVISION PLAT. CONFIRM DIMENSIONS PRIOR TO CONSTRUCTION

I. FULL DEPTH EXPANSION JOINTS (FOUR INCHES) SHALL BE PROVIDED AT THE EDGE OF THE SIDEWALK AND RAMP. CONCRETE TO BE SAWCUT OR PLACE A TOOL JOINT AT THE CENTER OF DRIVE AND SEALED. IF POSSIBLE CONTRACTOR SHALL

TRY TO ALIGN THE JOINT AT THE CENTER OF THE DRIVE WITH THE A JOINT IN THE ADJACENT SIDEWALK. ALL CONCRETE DRIVEWAYS AND SIDEWALKS SHALL BE CONSTRUCTED OF A PORTLAND CEMENT CONCRETE MIXTURE WHICH WILL PRODUCE A CONCRETE OF A COMPRESSIVE STRENGTH OF 4000 PSI AFTER 28 DAYS SET UNDER STANDARD LABORATORY

4. ALL SIDEWALKS REQUIRE A CONCRETE CURING COMPOUND, SUCH AS SEALTIGHT 1600-WHITE MANUFACTURED BY W.R. MEADOWS, OR AN APPROVED EQUAL

ALL SIDEWALKS AND DRIVEWAY APPROACHES SHALL BE CONSTRUCTED WITH A BROOM FINISH. 6. ALL SIDEWALKS AND CURB CUTS FOR HANDICAP RAMPS REQUIRE AN INSPECTION PRIOR TO CONCRETE PLACEMENT. 7. IF THE EXISTING GUTTER PAN IS DAMAGED OR DAMAGED DURING CURB REMOVAL, REFER TO DETAIL HR2 AND REMOVE FROM JOINT TO JOINT WITHIN THE LIMITS OF SAW CUT.



SIDEWALK AND GREENSPACE WIDTHS MAY VARY BASED ON CURRENT MASTER STREET PLAN OR APPROVED SUBDIVISION PLAT. CONFIRM DIMENSIONS PRIOR TO CONSTRUCTION

I. FULL DEPTH EXPANSION JOINTS (FOUR INCHES) SHALL BE PROVIDED AT THE EDGE OF THE SIDEWALK AND RAMP.

2. CONCRETE TO BE SAWCUT OR PLACE A TOOL JOINT AT THE CENTER OF DRIVE AND SEALED. IF POSSIBLE CONTRACTOR SHALL TRY TO ALIGN THE JOINT AT THE CENTER OF THE DRIVE WITH THE A JOINT IN THE ADJACENT SIDEWALK. 3. ALL CONCRETE DRIVEWAYS AND SIDEWALKS SHALL BE CONSTRUCTED OF A PORTLAND CEMENT CONCRETE MIXTURE WHICH WILL PRODUCE A CONCRETE OF A COMPRESSIVE STRENGTH OF 4000 PSI AFTER 28 DAYS SET UNDER STANDARD

LABORATORY METHODS. 4. ALL SIDEWALKS REQUIRE A CONCRETE CURING COMPOUND, SUCH AS SEALTIGHT 1600-WHITE MANUFACTURED BY W.R.

SCALE: N.T.S.

MEADOWS, OR AN APPROVED EQUAL 5. ALL SIDEWALKS AND DRIVEWAY APPROACHES SHALL BE CONSTRUCTED WITH A BROOM FINISH. 6. ALL SIDEWALKS AND CURB CUTS FOR HANDICAP RAMPS REQUIRE AN INSPECTION PRIOR TO CONCRETE PLACEMENT. 7. IF THE EXISTING GUTTER PAN IS DAMAGED OR DAMAGED DURING CURB REMOVAL, REFER TO DETAIL HR2 AND REMOVE

SCALE: N.T.S.

ADA RAMP TYPE 2

FROM JOINT TO JOINT WITHIN THE LIMITS OF SAW CUT.

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HP Engineering, Inc.

5214 W Village Pkwy #120 Rogers, AR 72758 | 479.899.6370

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly

Licensed Architect under the Laws of the State of Minnesota.



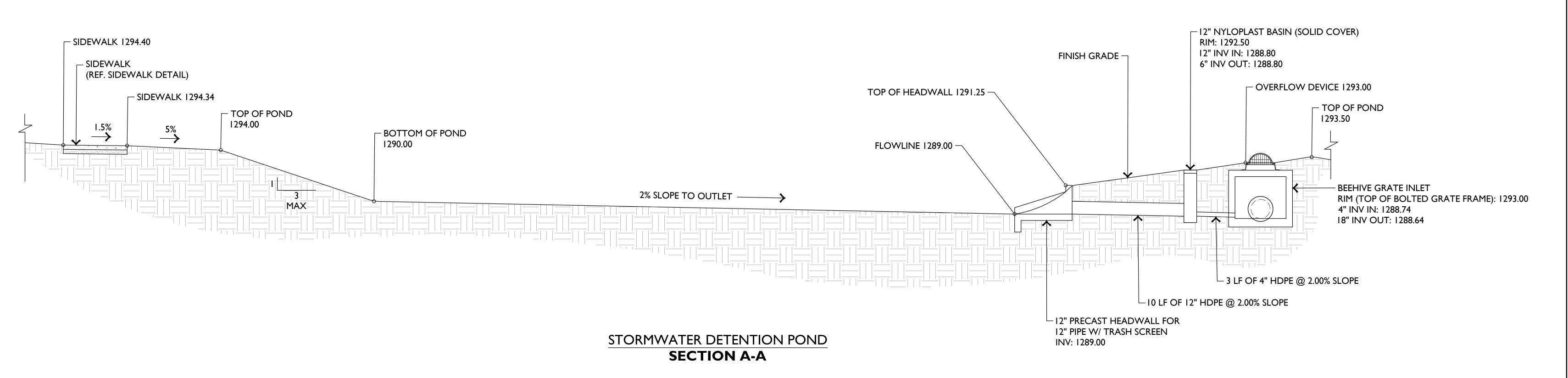
ISSUE / REVISION

12/10/2021 SCHEMATIC DESIGN PRICING 06/22/2022 DESIGN DEVELOPMENT PRICING 8/1/2022 DD VE OPTION B 10/13/2022 PRE APP SET

10/28/2022 LARGE SCALE DEVELOPMENT SUBMITTAL 10/31/2022 CD PRICING SET 11/14/2022 SECOND LSD SUBM 11/28/2022 THIRD LSD SUBMITTAL 12/21/2022 PERMIT SET 01/06/2023 BID SET

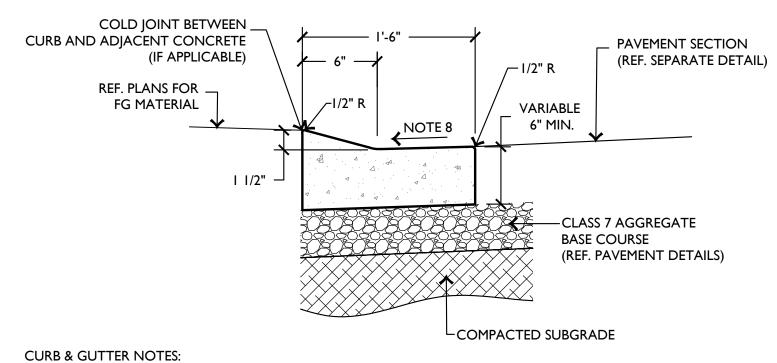
Drawing 2021 Copyright Meyer, Scherer & Rockcastle, Ltd.

SITE DETAILS



STORMWATER DETENTION POND SECTION A-A

SCALE: N.T.S.



CURB & GUTTER NOTES:

- I. CONTRACTION JOINTS SHALL BE 1/8" TO 3/8" X | 1/2" AT 15 FT. INTERVALS. ALL CONTRACTION JOINTS AND COLD JOINTS SHALL BE FILLED WITH JOINT SEALANT TO FINISHED GRADE.
- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI. 3. EXPANSION MATERIAL SHALL BE REQUIRED AT AT ALL STATIONARY STRUCTURES AND ENDS OF CURB RETURNS. THE
- EXANSION MATERIAL SHALL BE 1/2" ASPHALT IMPREGNATED FIBERBOARD CONFORMING TO AASHTO M-213. EXPANSION JOINT MATERIAL SHALL BE LEFT 1/2" LOWER THAN GRADE OR TRIMMED 1/2" LOWER THAN GRADE. 4. EXPANSION JOINTS SHALL BE FILLED WITH JOINT SEALANT SHAPED TO THE CROSS SECTION OF THE CURB AND CONSTRUCTED AT RIGHT ANGLES WITH THE CURB LINE.
- 5. FINISH SHALL BE MEDIUM BROOM FINISH. 6. CONCRETE CURING COMPOUND SHALL BE SEALTIGHT 1600-WHITE MANUFACTURED BY W.R. MEADOWS, OR AN
- APPROVED EQUAL. 7. CONCRETE JOINT SEALANT SHALL BE SONNEBORN "SONOLASTIC SLI" OR AND APPROVED EQUAL. CLOSED CELL
- BACKER ROD SHALL BE USED IN DEEP JOINTS, AS NEEDED, ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS. 8. GUTTER SHALL MATCH THE CROSS SLOPE OF THE ROAD WITHIN \pm 0.5%. GUTTER DRAINING THE OPPOSITE
- DIRECTION AS THE ROAD WILL NOT BE ACCEPTED.

MODIFIED CURB & GUTTER

SCALE: N.T.S.

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ubli

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly





BID SET

ISSUE / REVISION

Mark Date Description 12/10/2021 SCHEMATIC DESIGN PRICING 06/22/2022 DESIGN DEVELOPMENT PRICING 8/1/2022 DD VE OPTION B 10/13/2022 PRE APP SET 10/28/2022 LARGE SCALE DEVELOPMENT SUBMITTAL 10/31/2022 CD PRICING SET 11/14/2022 SECOND LSD SUBMIT 11/28/2022 THIRD LSD SUBMITTAL 12/21/2022 PERMIT SET 01/06/2023 BID SET

SITE DETAILS

BOUNDARY & TOPOGRAPHIC SURVEY (PAGE 1 OF 3)

FIELD WORK: NOVEMBER 6, 8-13, & 19 & **DECEMBER 15, 2021**

GPS OBSERVATION - AR NORTH ZONE NAD83(2011) HORIZONTAL DATUM

BASIS OF ELEVATION: CITY OF BENTONVILLE GPS MONUMENT #1 NAVD88 VERTICAL DATUM

CONTOUR INTERVAL:

REFERENCE DOCUMENTS:

1) PLAT OF SURVEY FILED IN BOOK 2005 AT PAGE 759 2) PLAT OF SURVEY FILED IN BOOK 2005 AT PAGE 46

3) PLAT OF SURVEY FILED IN BOOK 15 AT PAGE 91 4) PLAT OF SURVEY FILED IN BOOK 2016 AT PAGE 671

5) PLAT OF SURVEY FILED IN BOOK 2017 AT PAGE 129 6) FINAL PLAT OF MAUCK BLOCK ADDITION FILED IN BOOK G AT PAGE 245 7) FINAL PLAT OF RAILROAD ADDITION TO BENTONVILLE FILED IN BOOK A AT PAGE 38

8) PLAT OF SURVEY FILED IN BOOK 2015 AT PAGE 527 9) PLAT OF SURVEY FILED IN BOOK P1 AT PAGE 75

10) PLAT OF SURVEY FILED IN BOOK 2015 AT PAGE 635 11) PLAT OF SURVEY FILED IN BOOK 22L AT PAGE 261

12) PLAT OF SURVEY FILED IN BOOK 22L AT PAGE 121

13) PLAT OF SURVEY FILED IN BOOK L2019 AT PAGE 26818 14) PLAT OF SURVEY FILED IN BOOK 28 AT PAGE 173

15) PLAT OF SURVEY FILED IN BOOK 11 AT PAGE 4 16) ORIGINAL 1955 OF BENTONVILLE, OBTAINED THROUGH BENTON COUNTY GIS

17) WARRANTY DEED FILED IN BOOK L2020 AT PAGE 79104 18) REPORT OF SURVEY FILED IN BOOK 2015 AT PAGE 7779

19) WARRANTY DEED FILED IN BOOK L2020 AT PAGE 86301 20) WARRANTY DEED FILED IN BOOK L2020 AT PAGE 63647

21) RIGHT-OF-WAY GRANT FILED IN BOOK 694 AT PAGE 304

22) PLAT OF SURVEY PREPARED BY CRAFTON, TULL & ASSOCIATES FOR CITY OF BENTONVILLE, DATED DECEMBER 3, 2020

23) EASEMENT FILED IN BOOK 97 AT PAGE 106940 24) EASEMENT FILED IN BOOK 97 AT PAGE 106941

25) EASEMENT FILED IN BOOK 97 AT PAGE 106942 26) EASEMENT FILED IN BOOK 98 AT PAGE 051286

DE (DOWNTOWN EDGE)

OAK

ELM

SURVEYED: DRAFTED:

MR. JCR

JRICH

REVIEWED: DT COA #1335

PAGE 1 OF 3

LOCATION

LOTS 14 & 15,

LOT 1

BUILDING SETBACKS: FRONT (RESIDENTIAL) FRONT (NON-RESIDENTIAL) 00ft (SHOWN) SIDE (RESIDENTIAL) SIDE (NON-RESIDENTIAL) 07ft (SHOWN) REAR (RESIDENTIAL, ADJACENT TO RESIDENTIAL) REAR (NON-RESIDENTIAL, ADJACENT TO RESIDENTIAL) 12ft REAR (RESIDENTIAL, ADJACENT TO NON-RESIDENTIAL) 07ft

REAR (NON-RESIDENTIAL, ADJACENT TO NON-RESIDENTIAL) 07ft

*BUILDING SETBACKS ARE SHOWN FOR REFERENCE ONLY. THE FUTURE RIGHT-OF-WAY VACATION OF SE 4TH STREET, AS WELL AS ANY FUTURE DEVELOPMENT ON THE SURVEYED PROPERTIES MAY CAUSE THE BUILDING SETBACKS TO CHANGE. VERIFY BUILDING SETBACK DIMENSIONS AND LOCATIONS WITH BENTONVILLE PLANNING PRIOR TO ANY NEW CONSTRUCTION.

53. 3"

ELM

1. 13	OAK	00	33.3	LLIVI	10
2. 16"	OAK	60'	54. 38"	ELM	80'
3. 15"	ELM	60'	55. 8"	DBL ELM	30'
4. 3'	OAK	70'	56. 8"	ELM	40'
5. 10"	DBL ELM	30'	57. 10"	ELM	50'
6. 10"	OAK	40'	58. 4"	ELM	40'
7. 15"	PINE	40'	59. 22"	ELM	60'
8. 10"	OAK	40'	60. 22"	ELM	60'
9. 14"	TRI. MAPLE	80'	61. 4'	ELM	60'
10. 3'	ELM	80'	62. 4'	ELM	60'
11. 22"	ELM	60'	63. 8"	ELM	30'
12. 14"	ELM	60'	64. 8"	ELM	30'
13. 12"	ELM	40'	65. 8"	ELM	30'
14. 12"	ELM	40'	66. 8"	ELM	30'
15. 12"	ELM	40'	67. 8"	ELM	30'
16. 25"	ELM	70'	68. 7"	MAPLE	30'
17. 10"	ELM	30'	69. 7"	MAPLE	30'
18. 30"	OAK	70'	70. 8"	ELM	50'
19. 15"	OAK	60'	71. 12"	ELM	40'
20. 3'	OAK	70'	72. 12"	ELM	50'
21. 12"	ELM	40'	73. 3"	DBL ELM	30'
22. 15"	ELM	50'	74. 8"	ELM	50'
23. 13"	ELM	40'	75. 3"	TRI. ELM	30'
24. 10"	OAK	30'	76. 3"	TRI. ELM	30'
25. 12"	MAPLE	40'	77. 18"	ELM	60'
26. 12"	ELM	30'	78. 7"	ELM	40'
27. 12"	ELM	50'	79. 12"	ELM	40'
28. 12"	SPRUCE	40'	80. 8"	ELM	30'
29. 12"	ELM	30'	81. 8"	ELM	30'
30. 14"	ELM	40'	82. 7"	ELM	40'
31. 10"	MAPLE	30'	83. 12"	ELM	40'
32. 10"	MAPLE	30'	84. 6"	ELM	40'
33. 12"	ELM	50'	85. 12"	TRI. OAK	80'
34. 10"	ELM	50'	86. 36"	OAK	90'
35. 4"	ELM	50'	87. 20"	ELM	80'
36. 7"	ELM	40'	88. 8"	ELM	20'
37. 4"	ELM	30'	89. 5"	ELM	15'
38. 8"	ELM	40'	90. 5"	ELM	15'
39. 13"	ELM	55'	91. 5"	ELM	15'
40. 8"	ELM	40'	92. 4"	ELM	10'
41. 5"	ELM	30'	93. 5"	ELM	30'
42. 6"	ELM	30'	94. 5"	ELM	30'
43. 13"	ELM	60'	95. 8"	ELM	40'
44. 6"	MAPLE	30'	96. 6"	ELM	40'
45. 8"	ELM	40'	97. 5"	ELM	30'
46. 3'	ELM	70'	98. 14"	ELM	70'
47. 12"	OAK	40'	99. 16"	DBL ELM	90'
48. 12"	ELM	40'	100. 30"	ELM	90'
49. 8"	ELM	30'	101. 20"	WALNUT	80'
50. 8"	ELM	30'	101.20	***************************************	50
51. 100	ELM	201			

ALL OF LOT 1 OF LIBRARY ADDITION TO THE CITY OF BENTONVILLE, ARKANSAS, AS PER THE FILED PLAT THEREOF FILED IN BOOK 2005 AT PAGE 759 OF THE RECORDS OF THE CIRCUIT CLERK AND EX-OFFICIO RECORDER OF BENTON COUNTY, ARKANSAS, AND ALSO ALL OF LOT 17, LOT 15 EXCEPT THE NORTH 60 FEET, AND 55 FEET OF EQUAL WIDTH SQUARELY OFF THE SOUTH SIDE OF LOT 14 IN BLOCK 3 OF RAILROAD ADDITION TO THE CITY OF BENTONVILLE, AS PER THE FINAL PLAT THEREOF FILED IN BOOK A AT PAGE 38 OF THE RECORDS OF THE CIRCUIT CLERK AND EX-OFFICIO RECORDER OF BENTON COUNTY, ARKANSAS, AND ALSO THE PLATTED RIGHT-OF-WAY OF SOUTHEAST 4TH STREET LYING SOUTH OF AND ADJACENT TO SAID LOTS 14 AND 15 AND LYING NORTH OF AND ADJACENT TO SAID LOT 1, ALL BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS, TO-WIT: BEGINNING AT AN EXISTING REBAR ON THE EAST RIGHT-OF-WAY OF SOUTH MAIN STREET MARKING THE NORTHWEST CORNER OF LOT 18, BLOCK 3 OF SAID RAILROAD ADDITION AND RUNNING THENCE ALONG SAID RIGHT-OF-WAY N02°14'42"E 102.85' TO AN EXISTING REBAR MARKING THE SOUTHWEST CORNER OF SAID LOT 14, BLOCK 3 OF RAILROAD ADDITION, THENCE CONTINUING ALONG SAID RIGHT-OF-WAY AND THE WEST LINE OF SAID LOT 14 N02°17'15"E 55.03' TO AN EXISTING REBAR, THENCE LEAVING SAID RIGHT-OF-WAY AND SAID WEST LINE S87°28'36"E 164.96' TO AN EXISTING REBAR ON THE WEST LINE OF SAID LOT 15. THENCE ALONG SAID WEST LINE N02°19'02"E 8.35', THENCE LEAVING SAID WEST LINE S87°39'45"E 150.25' TO AN EXISTING REBAR ON THE WEST RIGHT-OF-WAY OF SOUTHEAST A STREET, THENCE ALONG SAID RIGHT-OF-WAY \$02°16'01"W 61.22' TO A POINT ON THE NORTH RIGHT-OF-WAY OF SOUTHEAST 4TH STREET MARKING THE SOUTHEAST CORNER OF SAID LOT 15, THENCE LEAVING SAID WEST RIGHT-OF-WAY ALONG SAID NORTH RIGHT-OF-WAY AND THE SOUTH LINE OF SAID LOT 15 N88°15'07"W 6.46', THENCE LEAVING SAID RIGHT-OF-WAY AND SAID SOUTH LINE \$03°56'40"W 14.01' TO A POINT ON THE WEST RIGHT-OF-WAY OF SOUTHEAST A STREET MARKING THE NORTHEAST CORNER OF SAID LOT 1 OF LIBRARY ADDITION, THENCE ALONG SAID WEST RIGHT-OF-WAY AND THE EAST LINE OF SAID LOT 1 S01°42'16"W 401.46' TO THE SOUTHEAST CORNER OF SAID LOT 1 OF LIBRARY ADDITION, THENCE LEAVING SAID RIGHT-OF-WAY AND SAID EAST LINE ALONG THE SOUTH LINE OF SAID LOT 1 THE FOLLOWING N87°48'21"W 158.61', S02°16'09"W 200.75', N87°44'19"W 149.05' TO A POINT ON THE EAST RIGHT-OF-WAY OF SOUTH MAIN STREET MARKING THE SOUTHWEST CORNER OF SAID LOT 1 OF LIBRARY ADDITION, THENCE LEAVING SAID SOUTH LOT LINE ALONG SAID EAST RIGHT-OF-WAY AND THE WEST LINE OF SAID LOT 1 OF LIBRARY ADDITION N01°45'14"E 512.41' TO THE POINT OF BEGINNING, CONTAINING 4.06 ACRES, MORE OR LESS. SUBJECT TO THAT PORTION IN SOUTH MAIN STREET MASTER STREET PLAN RIGHT-OF-WAY ON THE WEST SIDE, SUBJECT TO THAT PORTION IN SOUTHEAST A STREET PLAN RIGHT-OF-WAY ON THE EAST SIDE OF HEREIN DESCRIBED TRACT, AND SUBJECT TO ALL OTHER EASEMENTS AND RIGHTS-OF-WAY OF RECORD.

1) THE LOCATION OF UTILITIES SHOWN HEREON ARE FROM OBSERVED EVIDENCE OF ABOVE GROUND APPURTENANCES, CITY OF BENTONVILLE GIS MAPS, UTILITY MARKINGS BY ARKANSAS ONE-CALL, PRIVATE UTILITY MARKINGS BY GPRS, INC., AND UTILITY MAPS PROVIDED BY THE INDIVIDUAL UTILITY COMPANIES, ALL UTILITY LINES APPEARING ON THIS PLAT, AS WELL AS THOSE THAT MAY EXIST UNDERGROUND NEED TO BE VERIFIED PRIOR TO DOING ANY TYPE OF EXCAVATION OR DESIGN. SOME UTILITY LINES MAY ALSO EXIST THAT WERE NOT SHOWN ON THIS PLAT.

2) ACCORDING TO GPRS, THE MAXIMUM DEPTH OF THE BURIED PRIVATE UTILITIES IS APPROXIMATELY 1-4 FEET. GPRS WAS UNABLE TO LOCATE THE FIRE CONNECT LINE TO THE LIBRARY BUILDING.

3) THE TREE SPECIES LISTED ON THIS PLAT WERE DETERMINED TO THE BEST OF OUR KNOWLEDGE AND ABILITY. SOME TREES ON THIS PLAT MAY NOT BE THE EXACT SPECIES LISTED. PLEASE CONSULT A LICENSED ARBORIST IF EXACT TREE SPECIES ARE NEEDED.

FLOOD CERTIFICATION:

NO PORTION OF THIS PROPERTY IS LOCATED WITHIN FLOOD ZONE "A" OR "AE" AS DETERMINED BY THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP FOR BENTON COUNTY, ARKANSAS. (FIRM PANEL #05007C0255K. DATED 06/05/2012)

SANITARY SEWER INFO:

RIM ELEVATION - 1293.92' 8" PVC IN FROM (S) - 1286.62' 12" PVC IN FROM (W) - 1283.17" 6" PVC IN FROM (E) - 1285.62' 12" RCP OUT TO (E) - 1283.17'

RIM ELEVATION - 1291.42'

8" PVC IN FROM (S) - 1284.51' 12" PVC IN FROM (W) - 1284.37' 12" PVC OUT TO (E) - 1284.33'

RIM ELEVATION - 1292.71' 8" PVC IN FROM (S) - 1285.26'

8" PVC OUT TO (N) - 1285.20' RIM ELEVATION - 1294.37'

6" PVC OUT TO (N) - 1289.86'

RIM ELEVATION - 1295.11' 8" PVC IN FROM (N) - 1283.85'

8" PVC OUT TO (S) - 1283.79'

4" PVC IN FROM (S) - 1289.98'

RIM ELEVATION - 1294.18' 8" PVC IN FROM (N) - 1283.50' 8" PVC OUT TO (S) - 1283.49'

SSMH #7: RIM ELEVATION - 1294.06'

8" PVC IN FROM (W) - 1283.44' 8" PVC OUT TO (S) - 1283.43' RIM ELEVATION - 1293.99'

8" PVC IN FROM (N) - 1283.42'

8" PVC IN FROM (N) - 1283.51'

8" PVC IN FROM (SW) - 1283.46"

8" PVC OUT TO (E) - 1283.38' RIM ELEVATION - 1291.01'

8" PVC IN FROM (N) - 1284.15' 8" PVC OUT TO (E) - 1284.14'

SSMH #10: RIM ELEVATION - 1290.37' 8" PVC IN FROM (W) - 1284.27'

8" PVC OUT TO (S) - 1284.17'

RIM ELEVATION - 1290.76' 8" PVC IN FROM (N) - 1284.50'

4" PVC IN FROM (S) - 1284.76' 8" PVC OUT TO (E) - 1284.47'

SSMH #12 (OFFSITE, NORTH OF SSMH #4): RIM ELEVATION - 1292.01'

8" PVC IN FROM (S) - 1287.06' 8" PVC OUT TO (N) - 1287.05'

SSMH #13 (OFFSITE, NORTH OF PROPERTY IN S. MAIN STREET):

RIM ELEVATION - 1291.40 8" PVC IN FROM (N) - 1285.72' 8" PVC IN FROM (E) - 1285.77 8" PVC IN FROM (NW) - 1285.89' 8" PVC OUT TO (S) - 1285.72'

STORM SEWER INFO:

RIM ELEVATION - 1293.12' INVERT - 1290.30' 18" RCP OUT TO (NE)

RIM ELEVATION - 1294.58' INVERT - 1290.20' 18" RCP IN FROM (SW) 28" x 20" RCP OUT TO (W)

STS #3 (GRATED INLET): RIM ELEVATION - 1292.29' INVERT - 1288.70' 28" x 20" RCP IN FROM (E) 28" x 20" RCP OUT TO (SW)

STS #4: RIM ELEVATION - 1291.51' INVERT - 1288.64'

28" x 20" RCP IN FROM (NE) RIM ELEVATION - 1290.37' INVERT - 1287.61' 24" RCP IN FROM (E)

24" RCP OUT TO (N)

STS #8:

RIM ELEVATION - 1290.76' INVERT - 1287.80' 18" RCP OUT TO (NE)

18" RCP IN FROM (SW)

RIM ELEVATION - 1290.76' INVERT - 1288.19' 24" x 14" RCP OUT TO (N)

RIM ELEVATION - 1290.07' INVERT - 1286.57'

24" RCP IN FROM (SE) 12" RCP OUT TO (NW) STS #9 (GRATED INLET):

NE RIM ELEV. - 1290.67 INVERT - 1286.74' 12" RCP IN FROM (SE)

12" RCP OUT TO (E) RIM ELEVATION - 1293.80'

INVERT - 1289.70' 18" RCP OUT TO (N)

RIM ELEVATION - 1293.30' INVERT - 1289.18' 18" RCP IN FROM (S) 18" RCP OUT TO (W)

STORM SEWER INFO:

RIM ELEVATION - 1293.23' INVERT - 1289.49'* 18" RCP IN FROM (E) 18" RCP OUT TO (W) *INVERT INDICATES THIS STORM BOX MAY BE A HIGH POINT BETWEEN STS #11 & #13. WATER SHOULD FLOW WEST OUT OF

RIM ELEVATION - 1293.96' INVERT - 1289.15' 18" RCP IN FROM (E) 12" RCP IN FROM (NE)

THIS BOX.

18" RCP IN FROM (S) 24" RCP OUT TO (W) RIM ELEVATION - 1294.54'

INVERT - 1291.42'

12" RCP OUT TO (SW) NE RIM ELEVATION - 1292.22'

INVERT - 1289.23' 18" RCP OUT TO (N) RIM ELEVATION - 1292.09'

INVERT - 1288.51' 24" RCP IN FROM (E) 12" RCP IN FROM (SW) 24" RCP IN FROM (SE) 30" x 19" RCP OUT TO (N)

RIM ELEVATION - 1292.10' INVERT - 1288.63' 24" RCP IN FROM (E) 12" RCP IN FROM (SW)

30" x 19" RCP OUT TO (N) RIM ELEVATION - 1290.84' INVERT - 1288.57'

12" RCP OUT TO (NE)

24" RCP IN FROM (SE)

NE RIM ELEV. - 1291.68' INVERT - 1288.35' 24" RCP IN FROM (SW) 24" RCP OUT TO (NW) *INVERT INDICATES THIS STORM BOX MAY BE A HIGH POINT BETWEEN STS #20 &

NE RIM ELEV. - 1292.15' INVERT - 1288.73' 24" RCP IN FROM (NE) 24" RCP OUT TO (S)

OUT OF THIS BOX

NE RIM ELEV. - 1292.10'

STORM SEWER INFO:

INVERT - 1288.77' 24" RCP IN FROM (W) 24" RCP OUT TO (N)

NE RIM ELEV. - 1292.21' INVERT - 1288.85' 24" RCP IN FROM (N) 24" RCP OUT TO (E)

NE RIM ELEV. - 1292.24' INVERT - 1289.12' 24" RCP OUT TO (S)

STS #24 (OFFSITE, NORTH OF PROPERTY IN SE A STREET: RIM ELEVATION - 1291.89' INVERT - 1282.44'

RIM ELEVATION - 1290.31' INVERT - 1283.80' 24" RCP OUT TO (NE) 12" RCP IN FROM (SE)

24" RCP IN FROM (SW)

12" RCP IN FROM (SW) 12" RCP IN FROM (NW) 8" RCP IN FROM (S)

WALL ELEVATIONS: W1) 1290.69' W2) 1290.65' W3) 1290.28'

W4) 1290.28' W5) 1290.41' W6) 1290.43 W7) 1290.73' W8) 1290.76 W9) 1295.93' W10) 1295.935

W11) 1295.82' W12) 1298.38' W13) 1298.43' W14) 1298.29' W15) 1302.00' W16) 1301.97'

W17) 1301.99'

#16. WATER SHOULD FLOW NORTHWEST W18) 1301.16' W19) 1301.20'



I HEREBY CERTIFY THIS TO BE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF ON THIS THE 15TH DAY OF DECEMBER, 2021.



EGISTERE WAL LAND WAL LAND

IF THE SIGNATURE ON THIS SEAL IS NOT AN ORIGINAL AND NOT BLUE IN COLOR THEN IT SHOULD BE ASSUMED THAT THIS PLAT MAY HAVE BEEN ALTERED. THE ABOVE CERTIFICATION SHALL NOT APPLY TO ANY COPY THAT DOES NOT BEAR AN ORIGINAL SEAL AND SIGNATURE.

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.EGEND: THESE STANDARD SYMBOLS WILL BE FOUND IN THE DRAWING.

(R) RECORD DISTANCE

FOUND PIPE

▼ FOUND MAG NAII

△ COMPUTED POINT

M)MEASURED DISTANCE

■ 60d NAIL ELEV. BENCHMARK

WALL ELEVATION **▼** SPOT ELEVATION ☑ IRRIGATION CONTROL VALVE (F) YARD HYDRANT

--GAS HOOKUP

GAS METER

GAS PEDESTAL

FOUND 5/8" REBAR FDC FDC O SET 5/8" REBAR/CAP FOUND 1/2" REBAR

FIRE HYDRANT 🔀 WATER VALVE T FLAG POLE

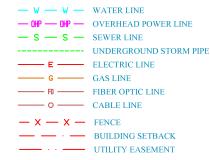
♦ FINISHED FLOOR ELEVATION

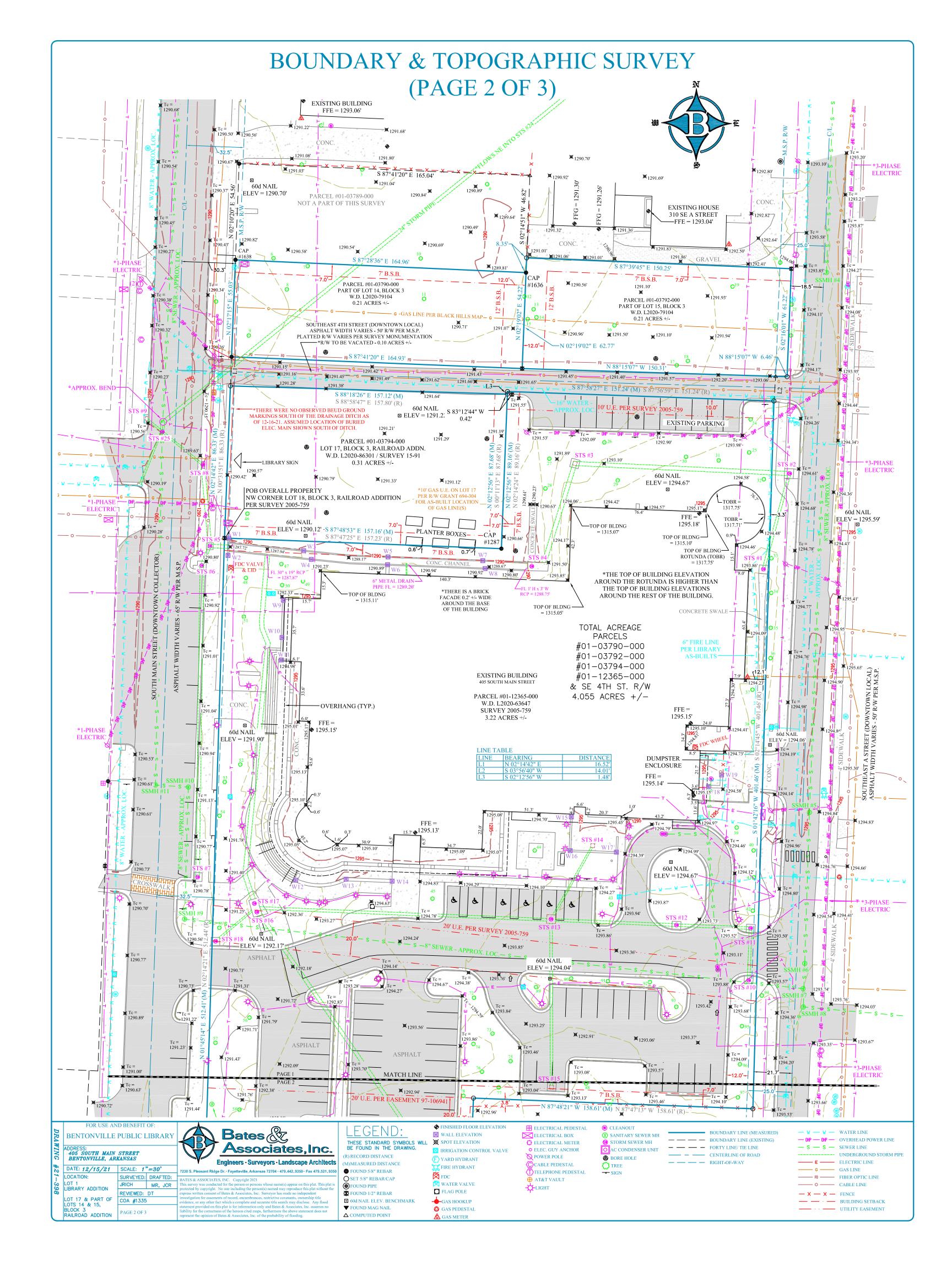
ELECTRICAL PEDESTAL ELECTRICAL BOX ELECTRICAL METER O ELEC, GUY ANCHOR O POWER POLE CABLE PEDESTAL TTTELEPHONE PEDESTAL ⊕ AT&T VAULT

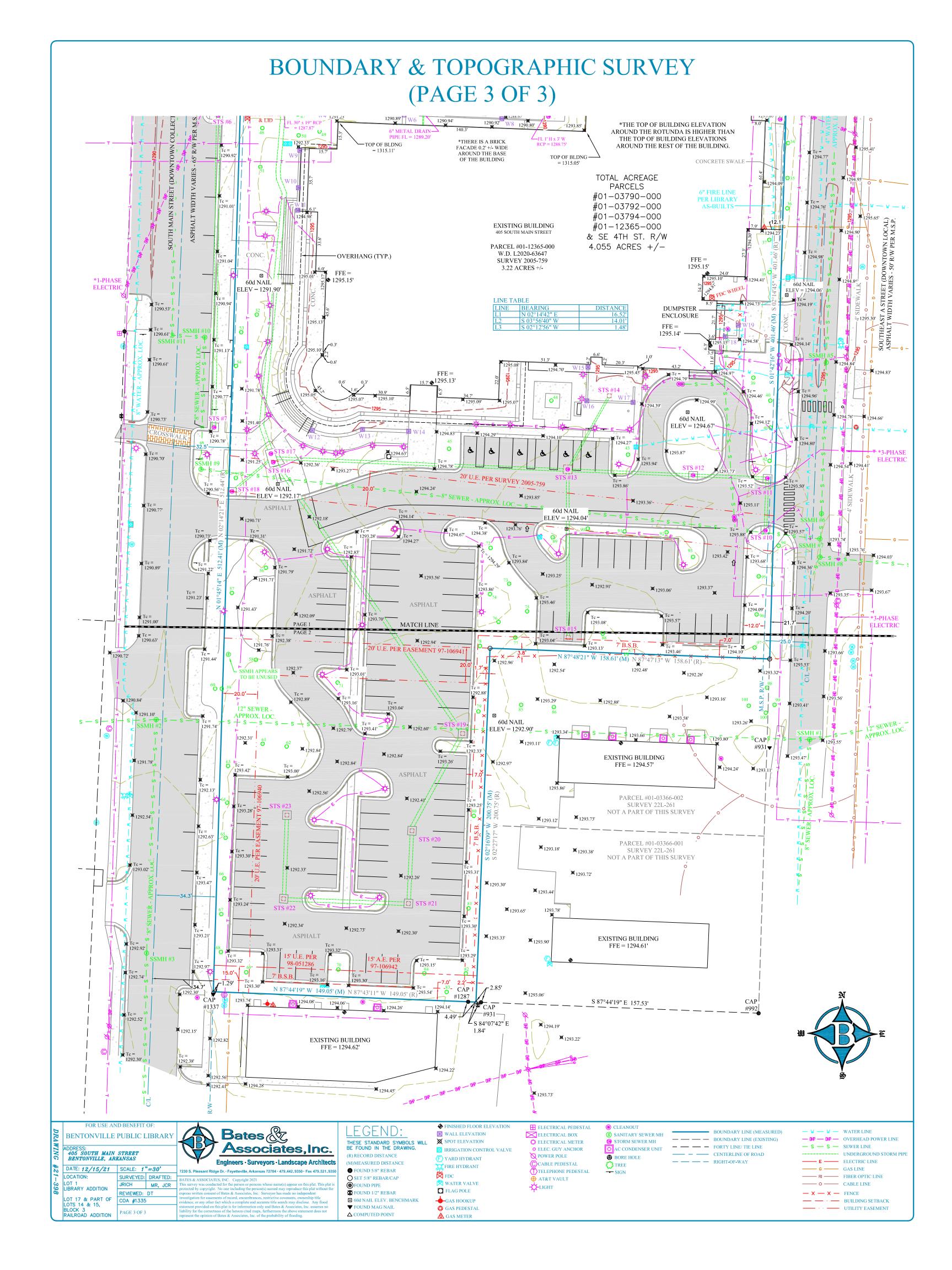
-<mark>Ö</mark>-LIGHT

CLEANOUT S SANITARY SEWER MH STORM SEWER MH O AC CONDENSER UNIT BORE HOLE TREE

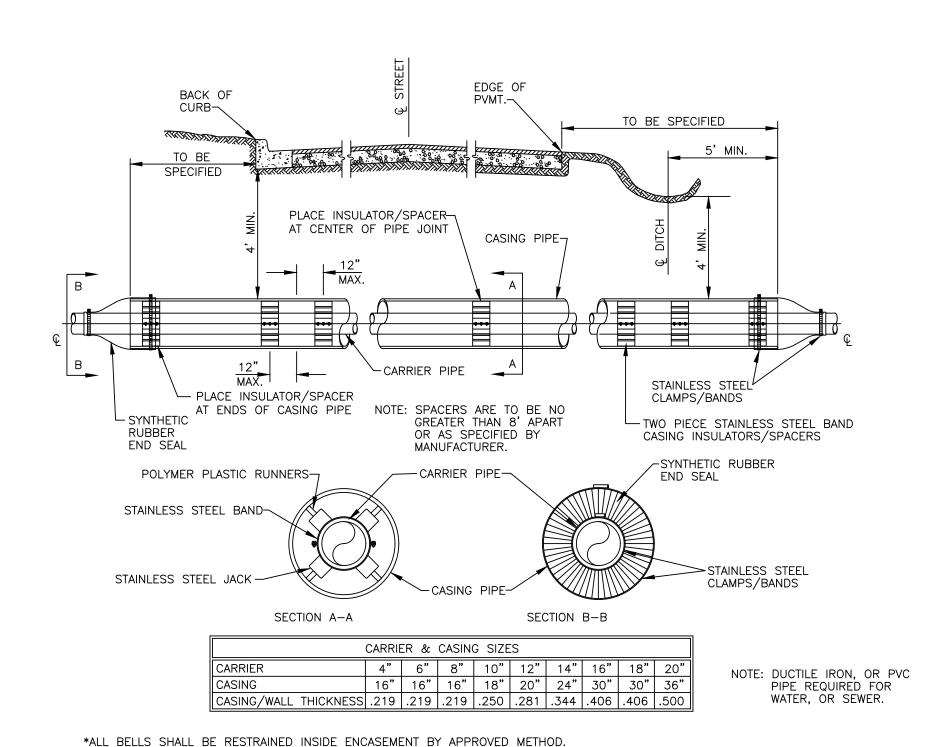
 BOUNDARY LINE (MEASURED) - - FORTY LINE/ TIE LINE - CENTERLINE OF ROAD - RIGHT-OF-WAY



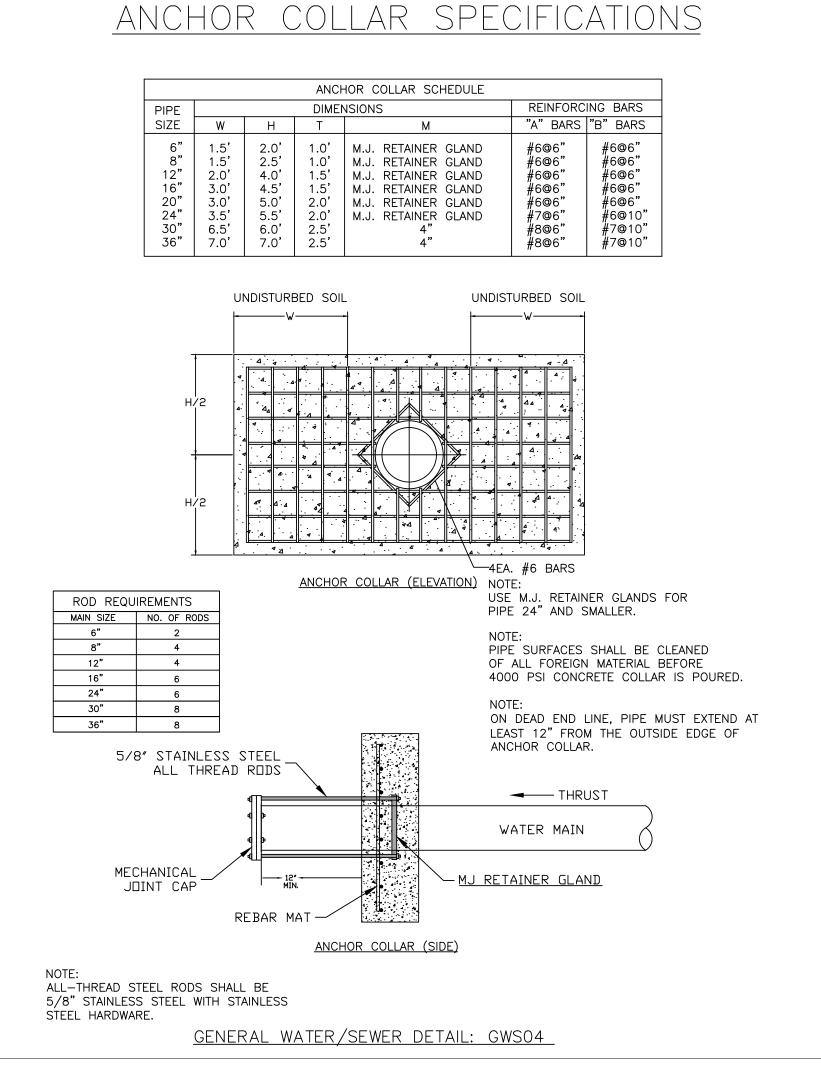


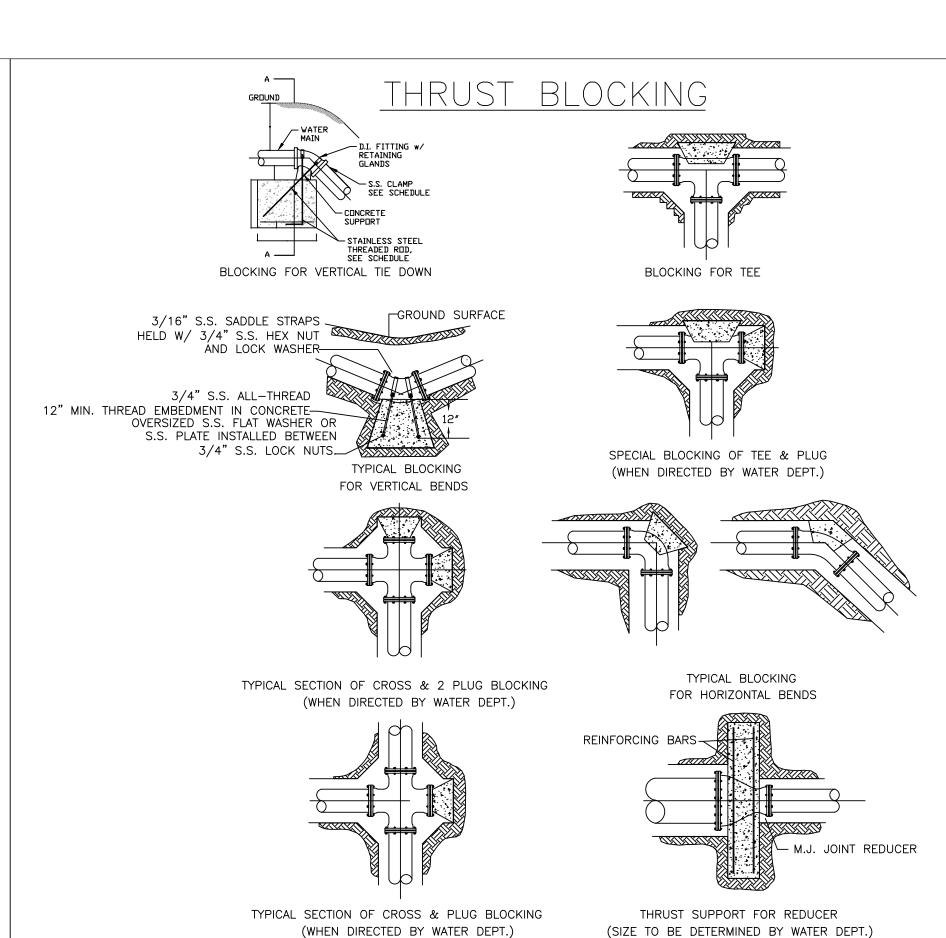


ENCASEMENT DETAIL



GENERAL WATER/SEWER DETAIL: GWS01





ALL BLOCKING SHALL BE AGAINST UNDISTURBED SOIL USING 4,000 PSI CONCRETE.
 WHERE SOIL CONDITIONS MAKE IT NECESSARY TO POUR CONCRETE OVER JOINTS, THE ENDS OF THE ADJACENT PIPES MUST HAVE A THRUST BLOCK TO RESIST MOVEMENT OF THESE JOINTS.

7. CLEARANCE ON PIPES BELONGING TO OIL/GAS COMPANIES SHALL BE 18" UNLESS SPECIAL PERMISSION IS GIVEN BY THESE COMPANIES AND THE DEPARTMENT.

GENERAL WATER/SEWER DETAIL: GWS02

4. WHEN BLOCKING AGAINST FITTINGS, FITTINGS SHALL BE COVERED WITH POLYETHYLENE WRAP TO PREVENT BONDING

5. WHERE SHEAR BECOMES A PROBLEM PROPER REINFORCING MUST BE INSTALLED INTO THE BLOCKING.
6. CLEARANCE SHALL BE A MINIMUM OF 6" BETWEEN PIPE AND OBSTRUCTIONS.

WEIGHT CALCULATIONS TO BE BASED ON REACTION BACKING TABLE (SEE GWS03).

OF CONCRETE

*ALL BELLS SHALL BE RESTRAINED BY APPROVED METHOD.

8. 12" OF ALL THREAD EMBEDED IN CONCRETE

9. MIN. 5/8" ALL THREAD FOR SECTIONS 10FT OR UNDER

ENCASEMENT CROSSING DETAIL

REACTION BACKING TABLE

PIPE		BENDS						
SIZE		45°	22 1/2°	11 1/4°	ROD DIA			
VOLUME REQ'D (CU. FT.)		98.5	50.2	25.2				
	A (FT.)	5.00'	4.00'	3.00'				
8"	B (FT.)	4.00'	3.20'	2.80'	3/4 IN.			
°	C (FT.)	5.00'	4.00'	3.00'				
	MIN. CLAMP (2 EA.)	3/8	3 IN. x 2	IN.				
VOLU	ME REQ'D (CU. FT.)	209.5	106.8	53.7				
	A (FT.)	6.00'	5.00'	4.00'				
12"	B (FT.)	6.00'	4.25'	3.50'	3/4 IN			
'2	C (FT.)	6.00'	5.00'	4.00'				
	MIN. CLAMP (2 EA.)	1/2						
VOLU	ME REQ'D (CU. FT.)	457.2	233.1	117.1				
	A (FT.)	8.00'	6.50'	5.00'				
18"	B (FT.)	7.25	5.50'	4.75'	1 IN.			
10	C (FT.)	8.00'	6.50'	5.00'				
	MIN. CLAMP (2 EA.)	5/8	3 IN. x 3	IN.				
VOLU	ME REQ'D (CU. FT.)	800.3	408.0	205.0				
	A (FT.)	9.50'	7.50'	6.00'				
24"	B (FT.)	9.00'	7.25	5.75'	1 1/4			
	C (FT.)	9.50'	7.50'	6.00'				
	MIN. CLAMP (2 EA.)	5/8	3 IN. x 3	IN.				

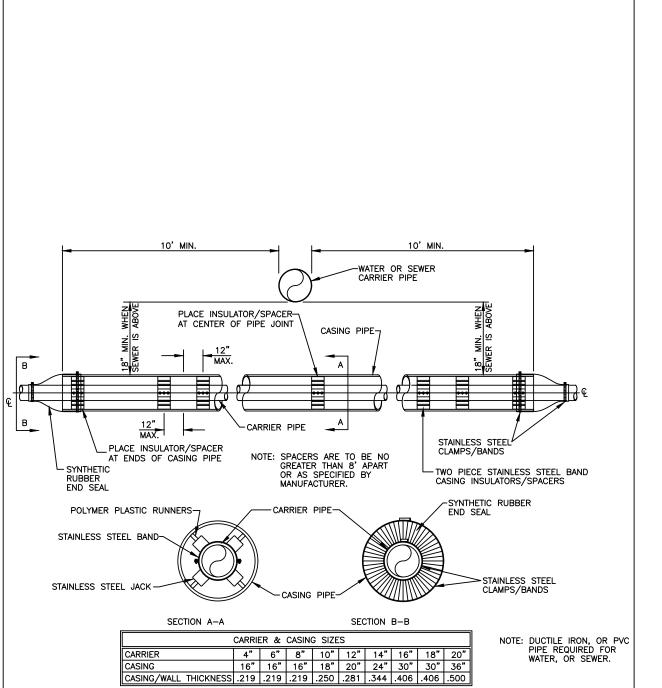
INTERNAL PRESSURE OF 250 PSI, 50 PSI SURGE AND THE WEIGHT OF

1. ALL FITTINGS SHALL BE MECHANICAL JOINTS.

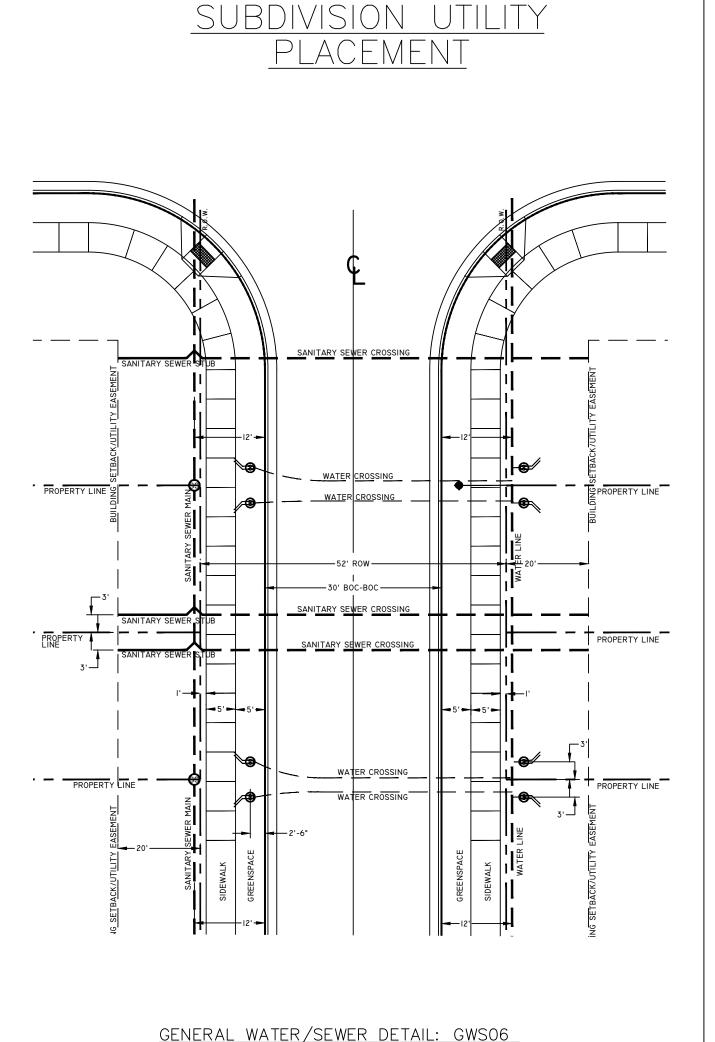
CONCRETE IS 150 POUNDS PER CU. FT.

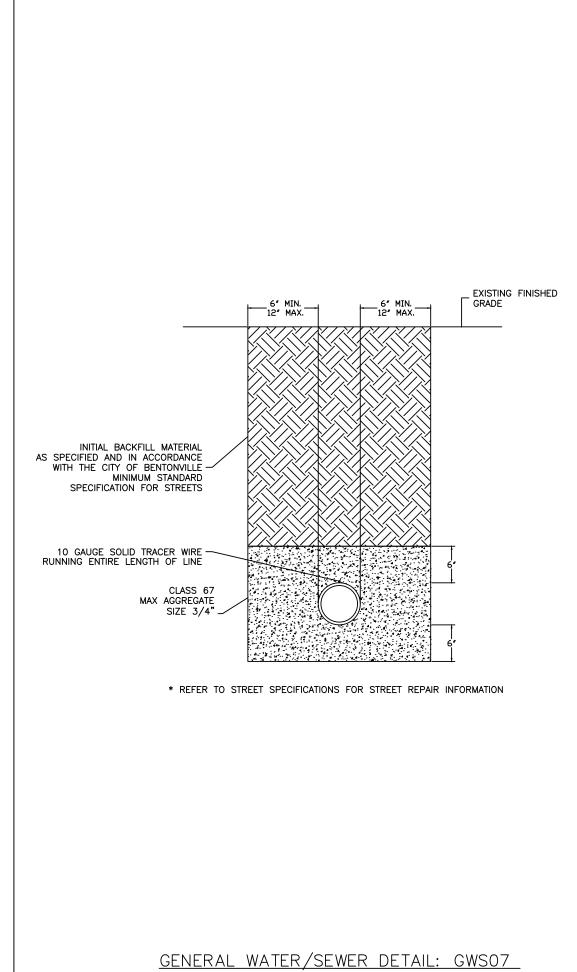
- 2. DO NOT COVER BELLS OR FLANGES WITH CONCRETE. 3. WRAP ALL FITTINGS WITH POLY WRAP.
- 4. BACK ALL TEES ACCORDING TO SIZE OF BRANCH.
- 5. BACKING FUTURE LINE EXTENSIONS SHALL BE SUCH THAT LATER REMOVAL IS POSSIBLE.
- 6. ALL BENDS WHERE FITTINGS ARE USED, BOTH HORIZONTAL OR VERTICAL, SHALL BE BACKED
- 7. REACTION BACKING TABLE IS BASED ON 150 PSI AND SOIL BEARING PRESSURE OF 2,000 LB/SQ. FT. ADDITIONAL BACKING MAY BE REQUIRED IN SOME AREAS AS REQUIRED BY CITY WATER DEPARTMENT.

GENERAL WATER/SEWER DETAIL: GWS03



GENERAL WATER/SEWER DETAIL: GWS05





TYPICAL BEDDING DETAIL



WATER/SEWER **DETAILS**

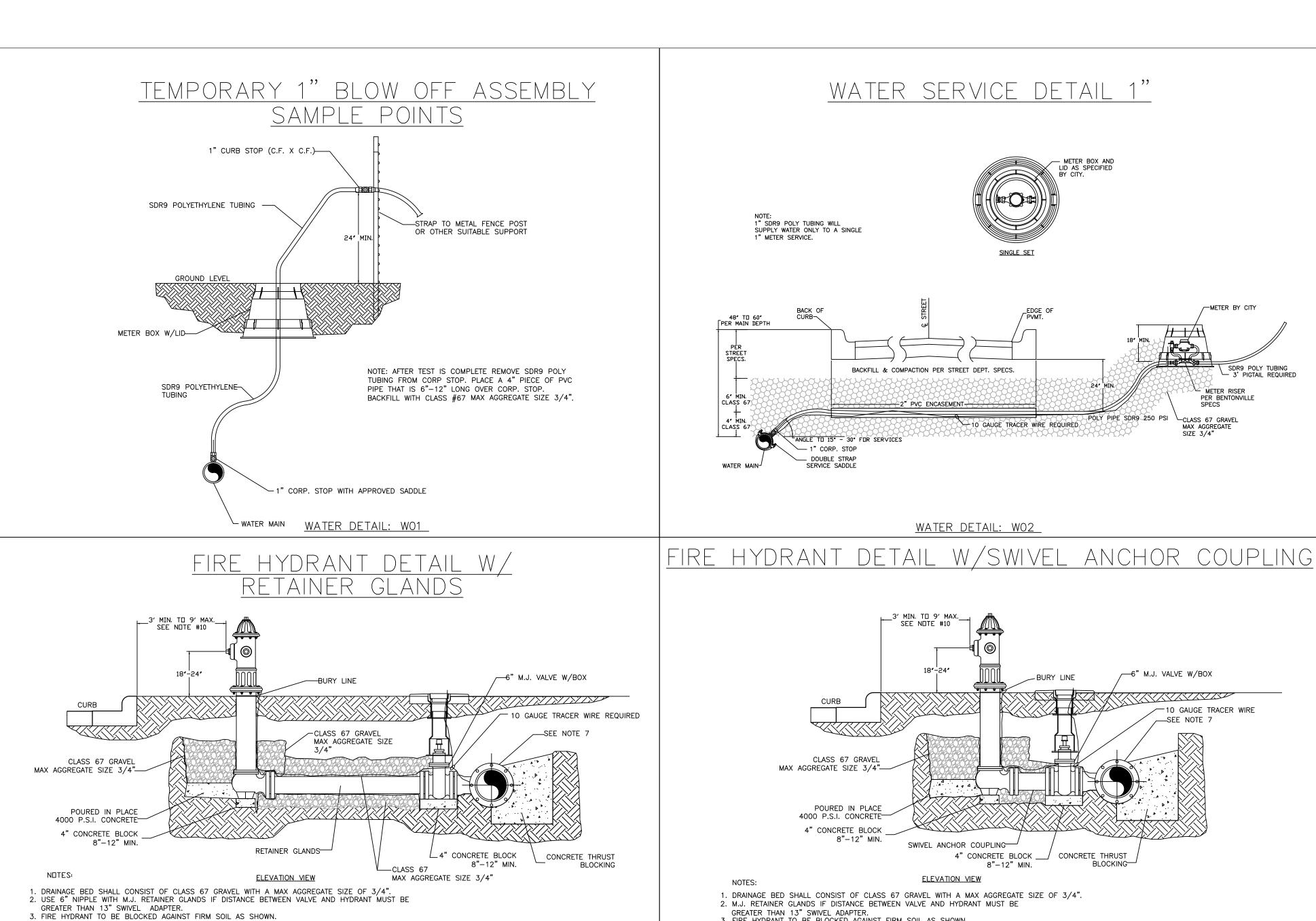
Ph: (479) 271-3140

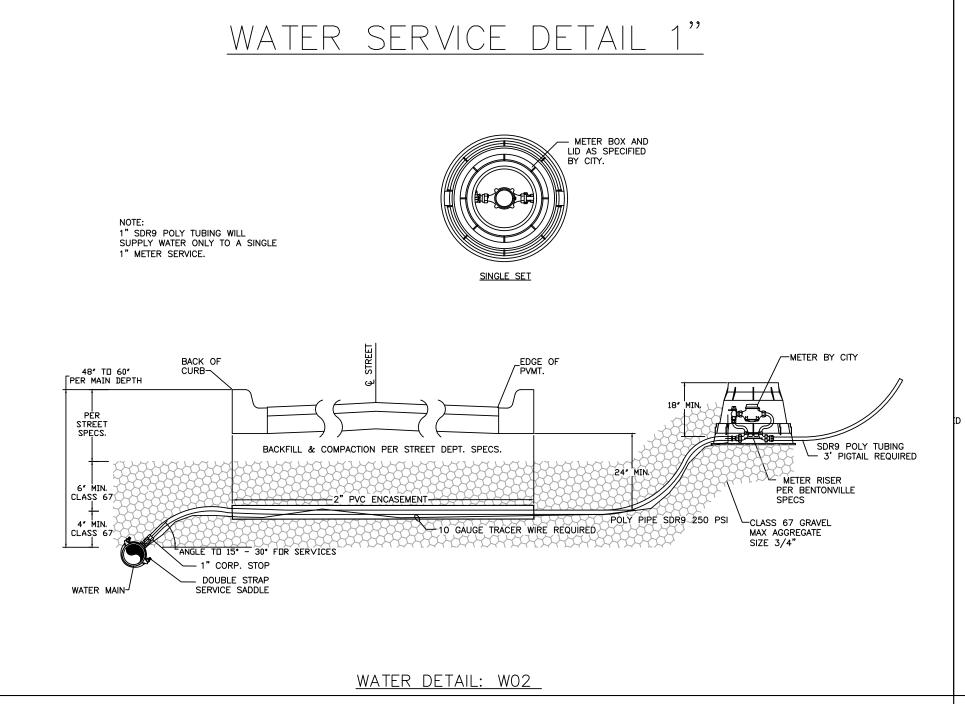
www.bentonvillear.com

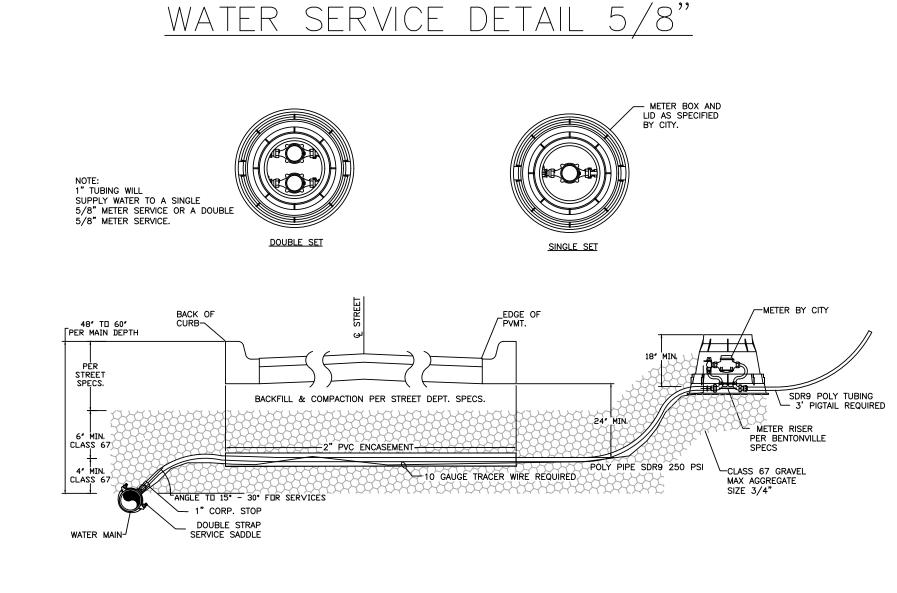


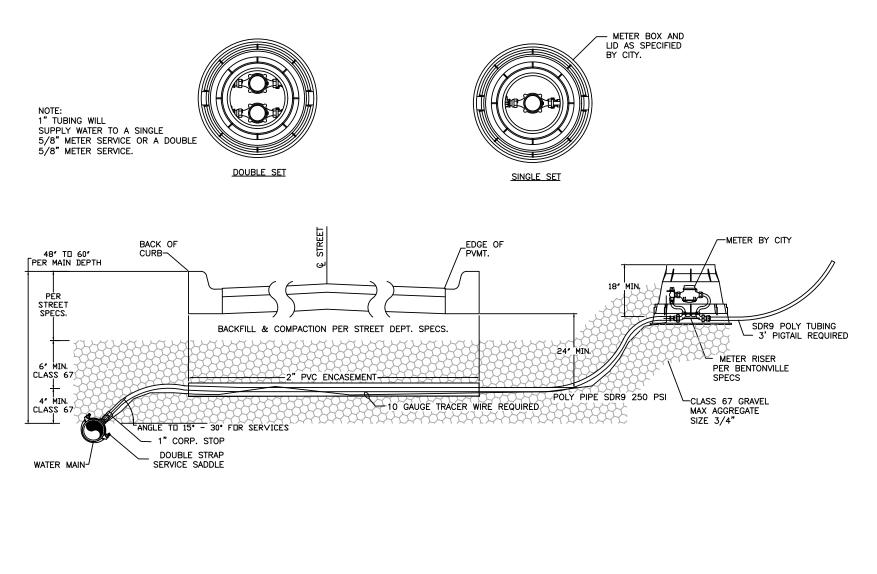
Know what's **below.**

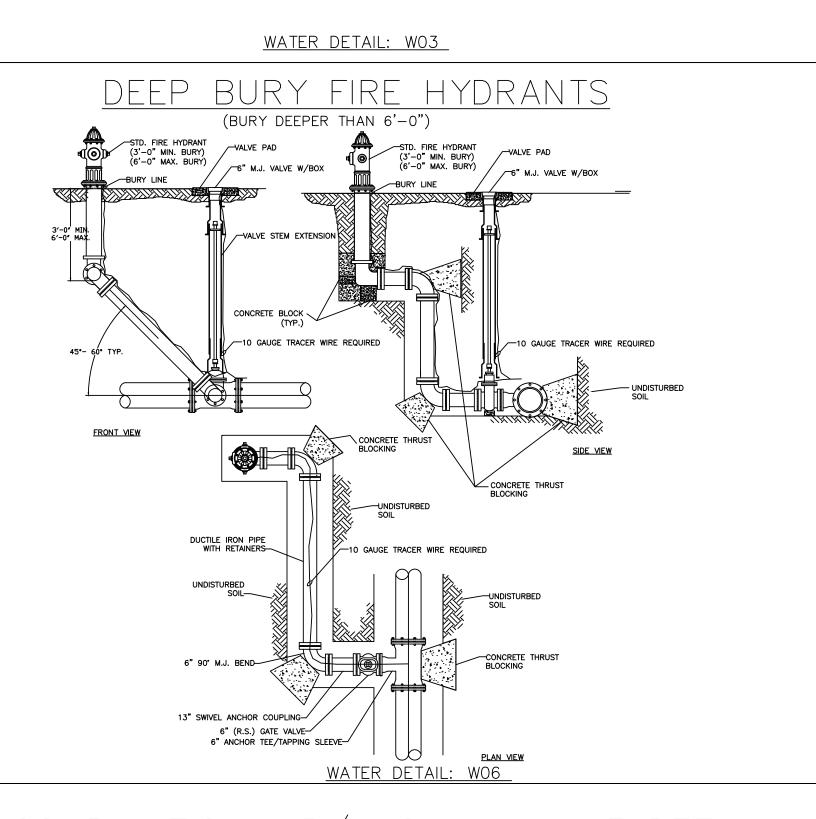
Call befo	re y	ou dig.
REVISIONS: Adopted by City C	ouncil	06/22/2021
Adopted by City C Ordinance Numbe	r: 202	1-135
DRAWN BY: JI	DATE:	03/16/2021
APPROVED BY: PN	DATE:	03/16/2021
SHEET NUMBER:	1	OF 1

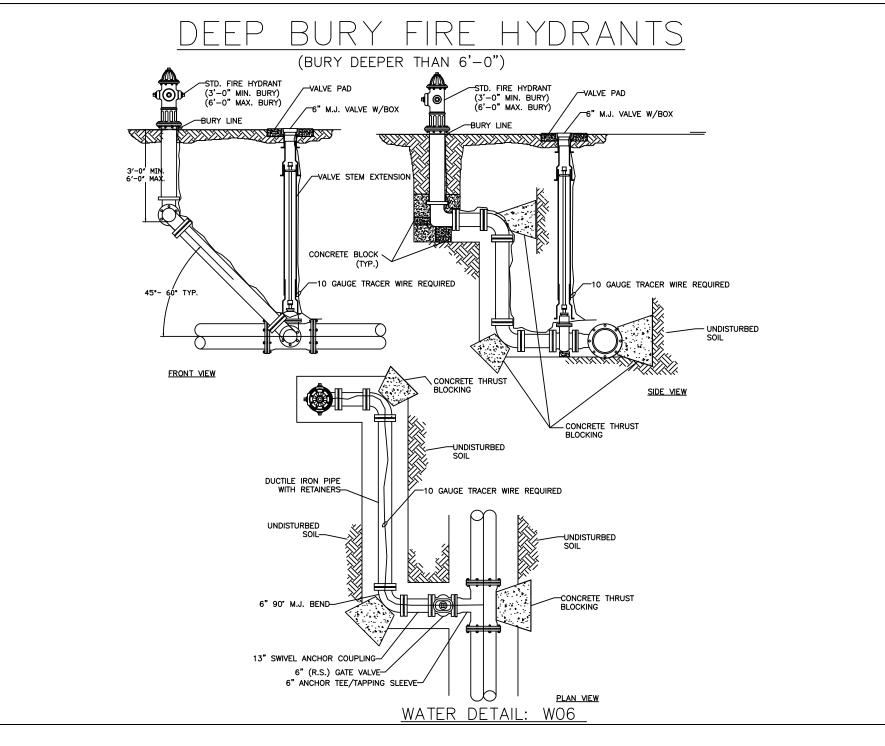


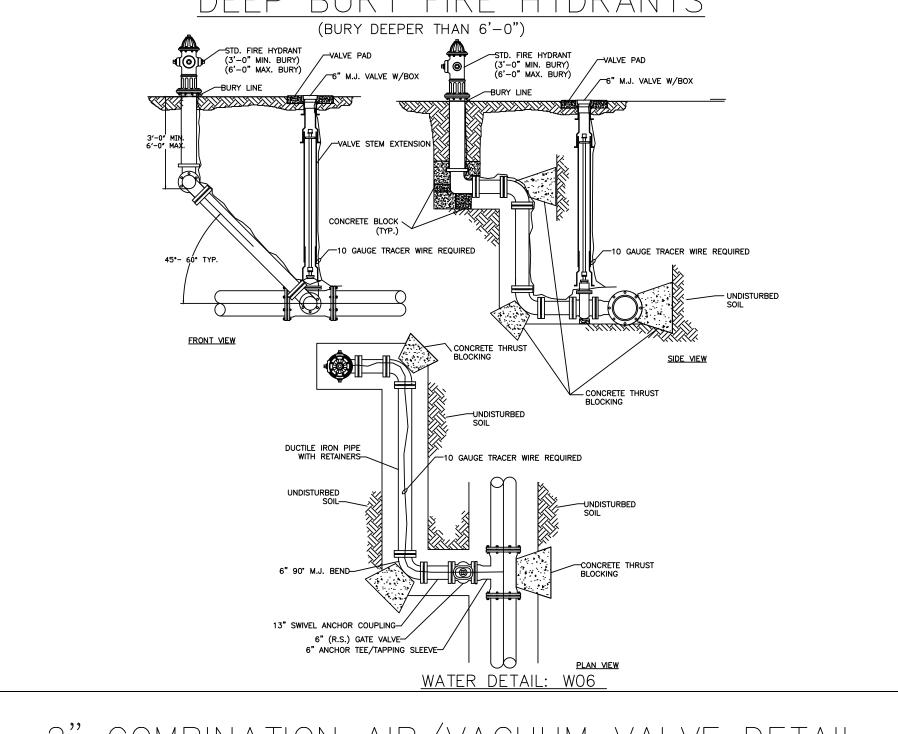


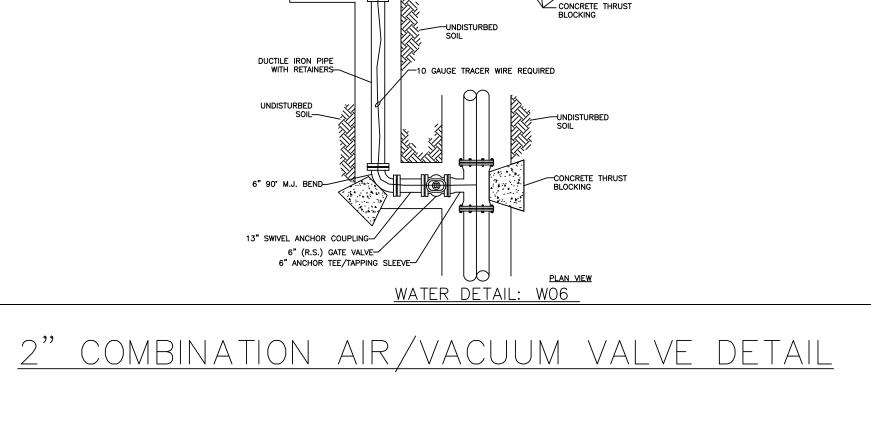


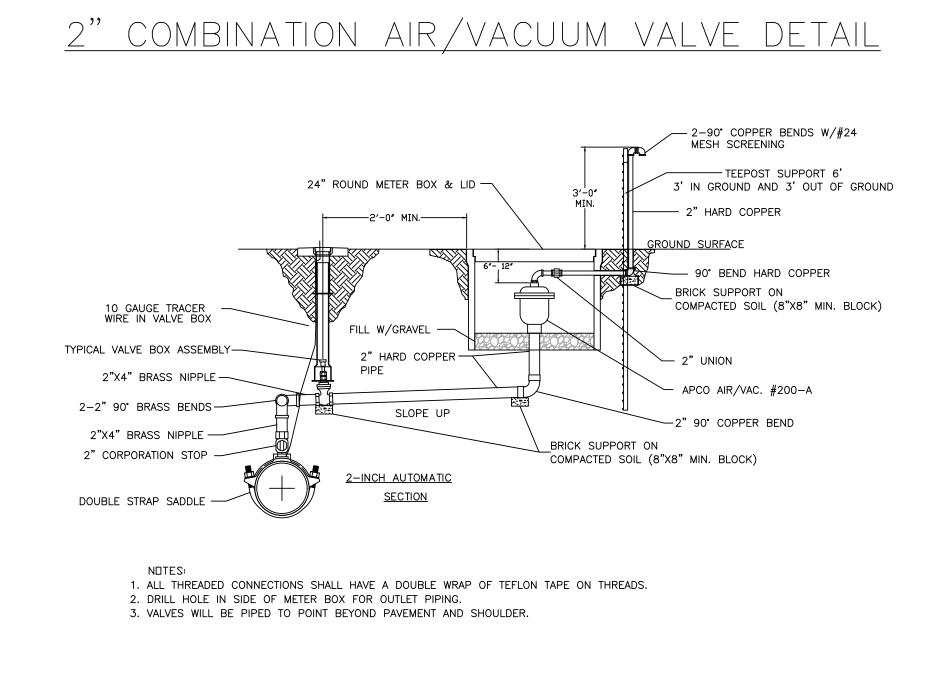


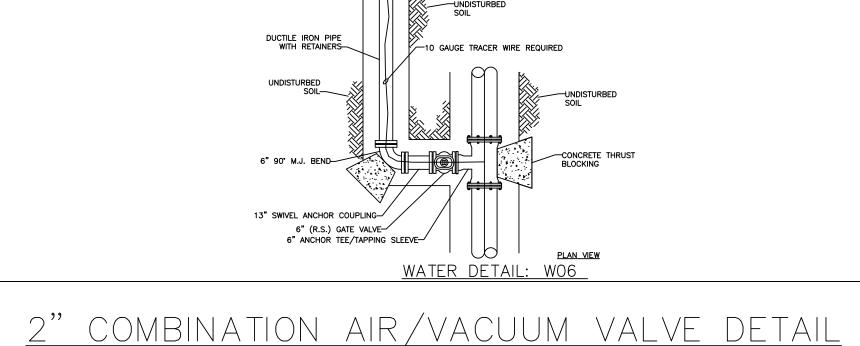


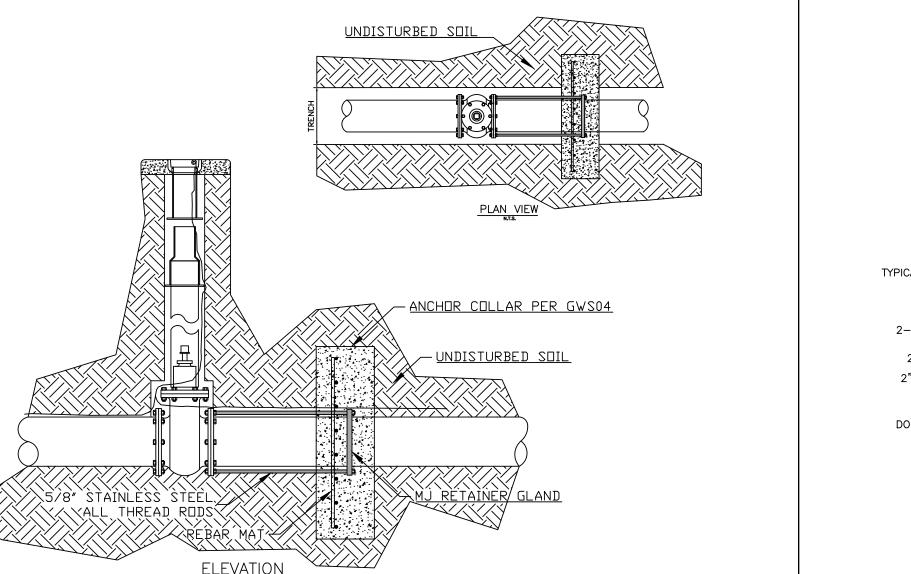






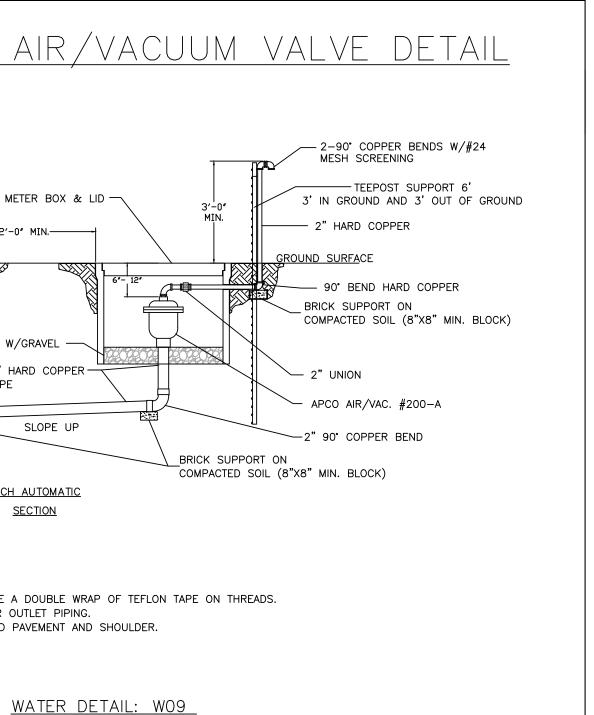


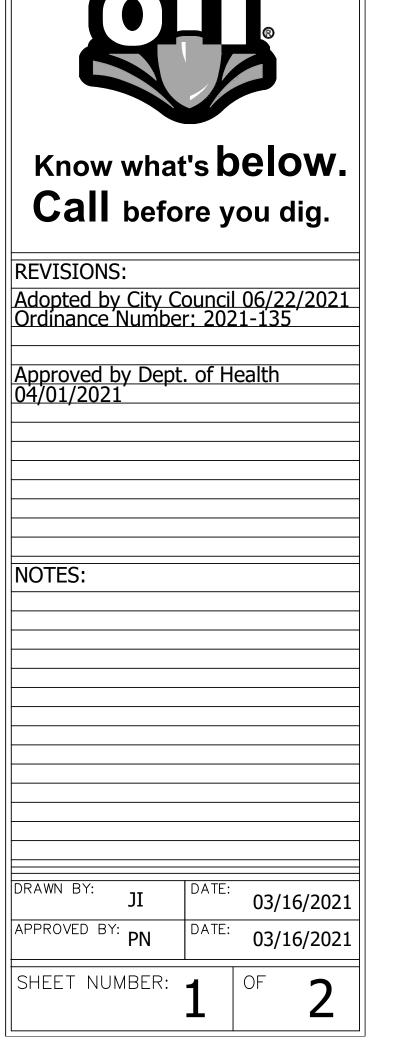




←6" M.J. VALVE W/BOX

-10 GAUGE TRACER WIRE





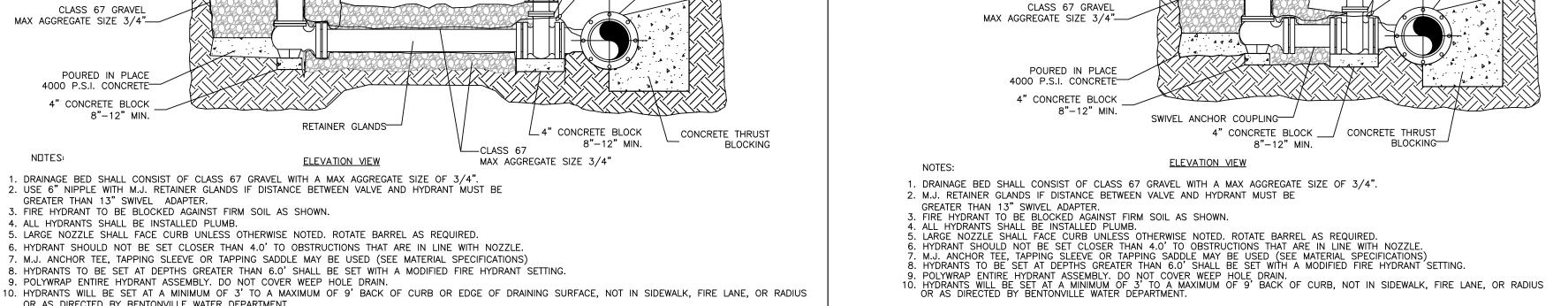
3200 SW MUNICIPAL DR

Bentonville, AR 72712

Ph: (479) 271-3140 www.bentonvillear.com

WATER

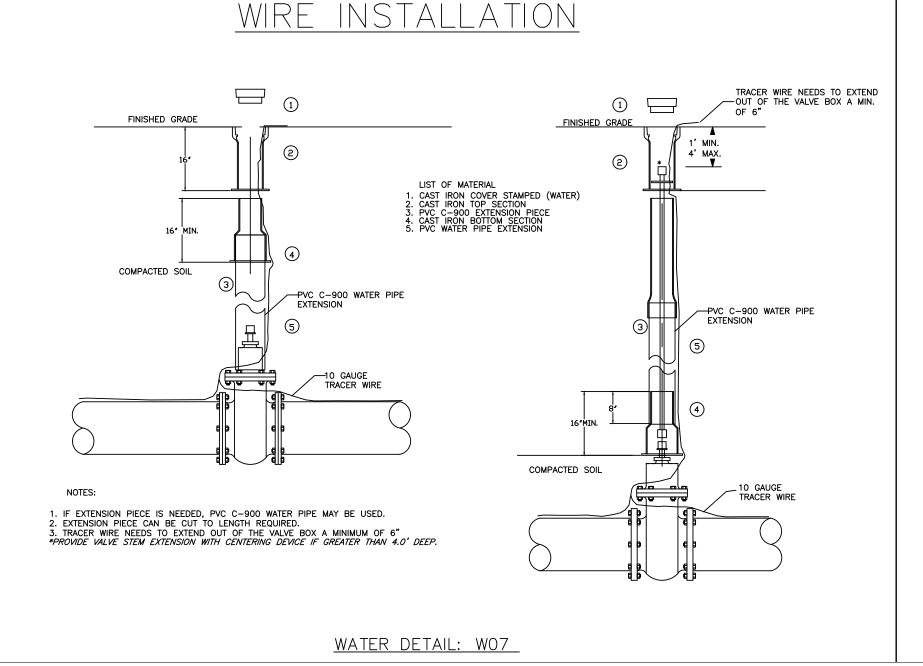
DETAILS

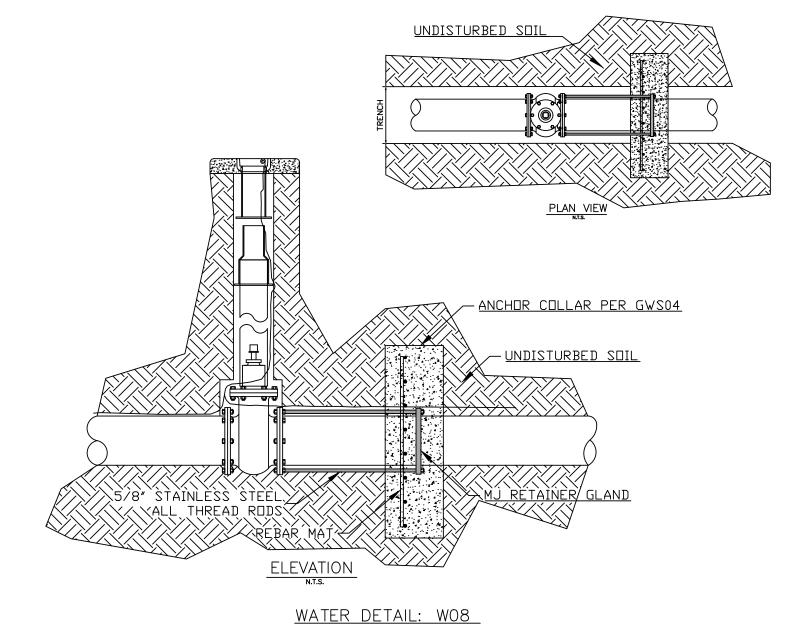




4. ALL HYDRANTS SHALL BE INSTALLED PLUMB.

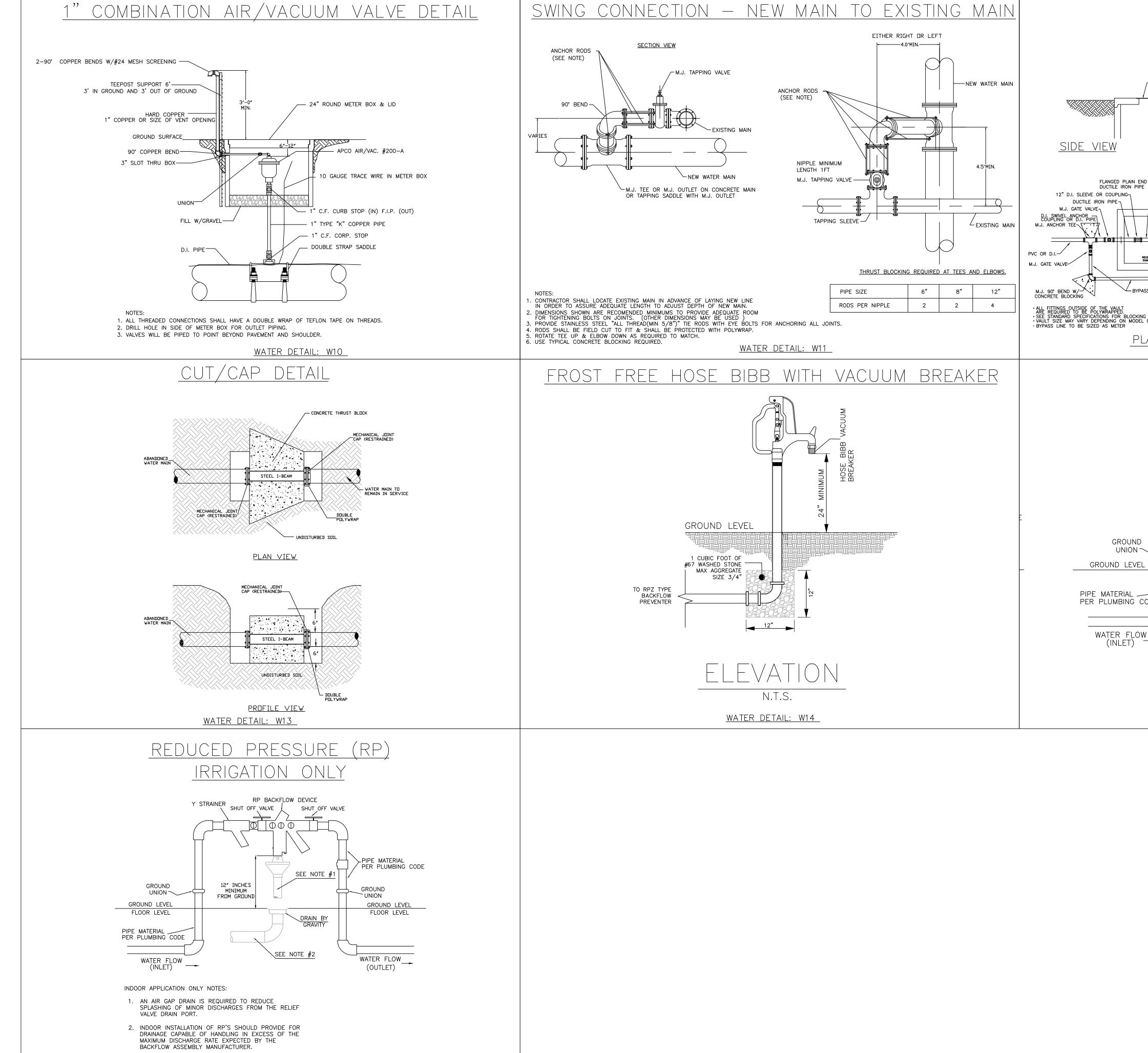
OR AS DIRECTED BY BENTONVILLE WATER DEPARTMENT.



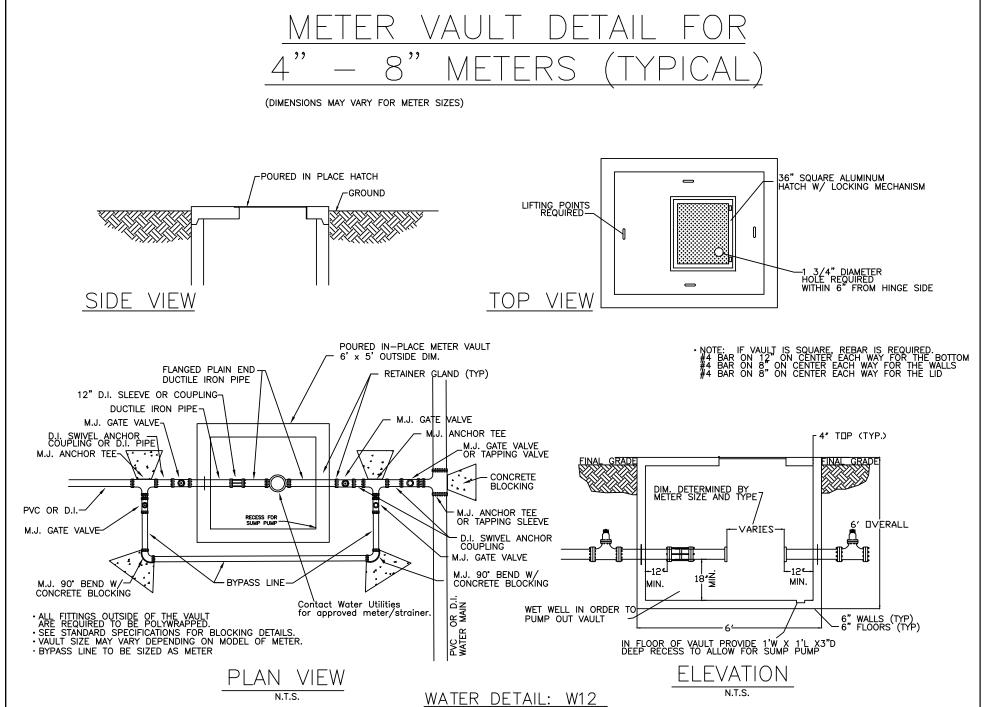


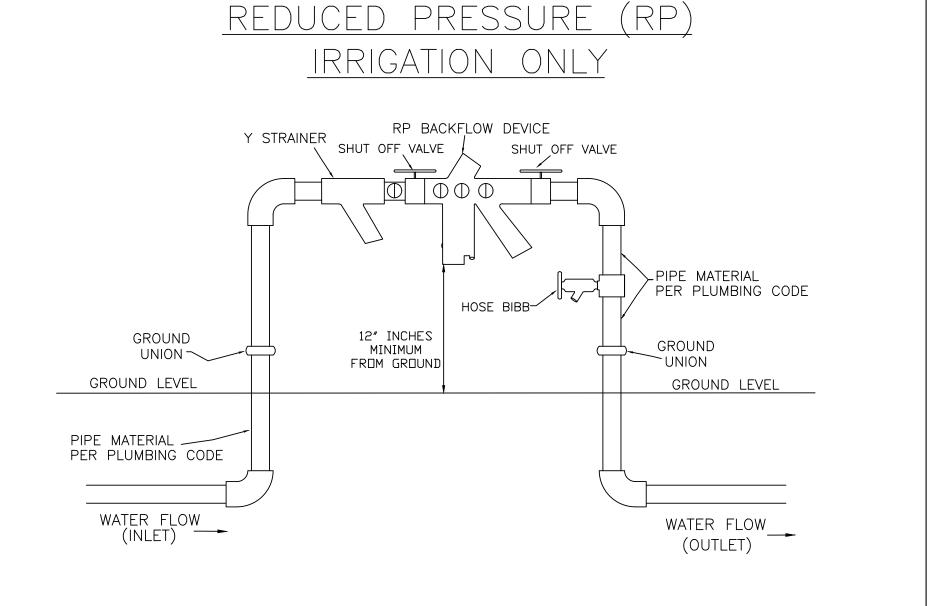
WATER DETAIL: WO5

RESTRAINED GATE VALVE



WATER DETAIL: W16





WATER DETAIL: W15



WATER DETAILS



Know what's below.

Call before you dig.

REVISIONS:	

Adopted by City Council 06/22/2021 Ordinance Number: 2021-135

Approved by Dept. of Health 04/01/2021

NOTES:

NOTES

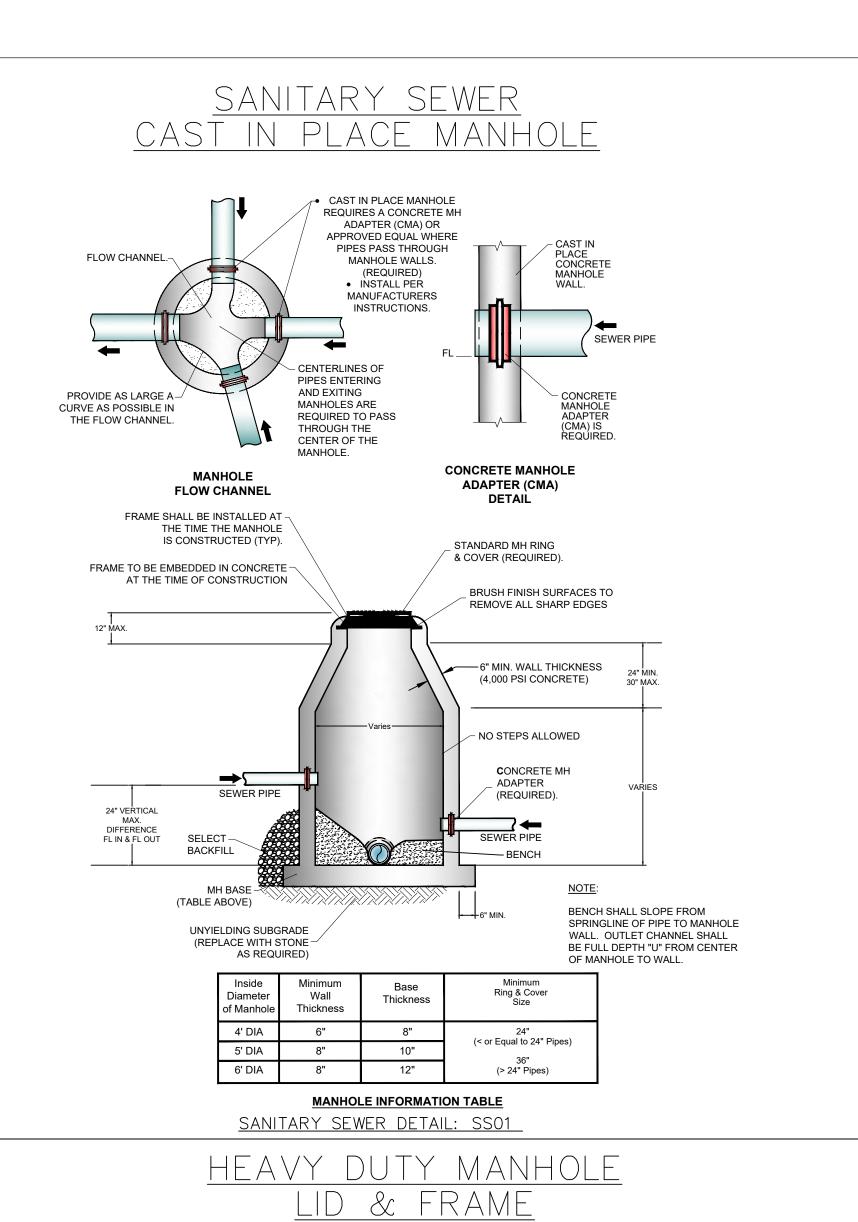
DRAWN BY: JI DATE: 03/16/2021

APPROVED BY: PN DATE: 03/16/2021

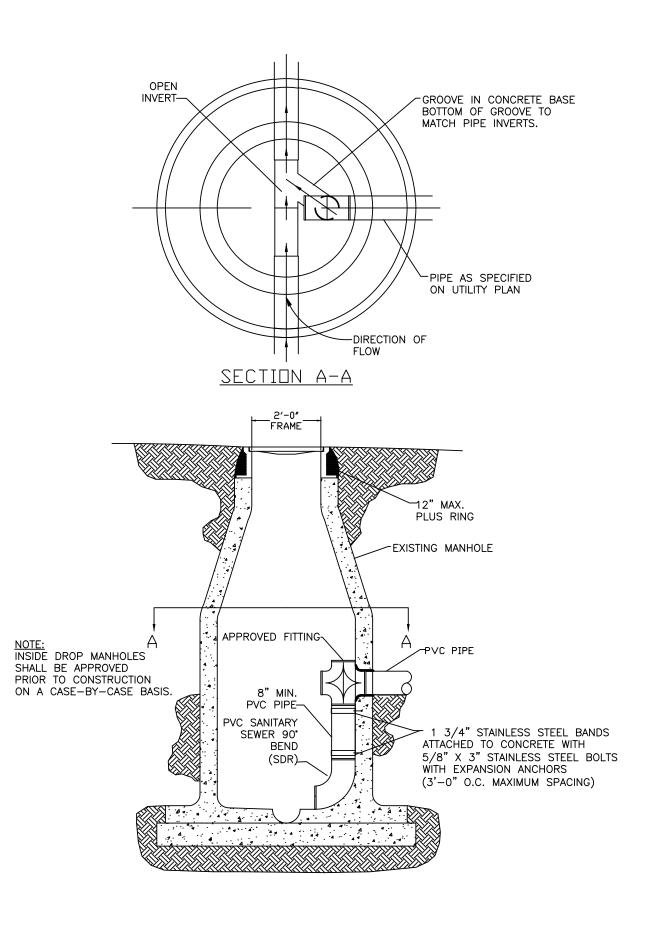
SHEET NUMBER: 2

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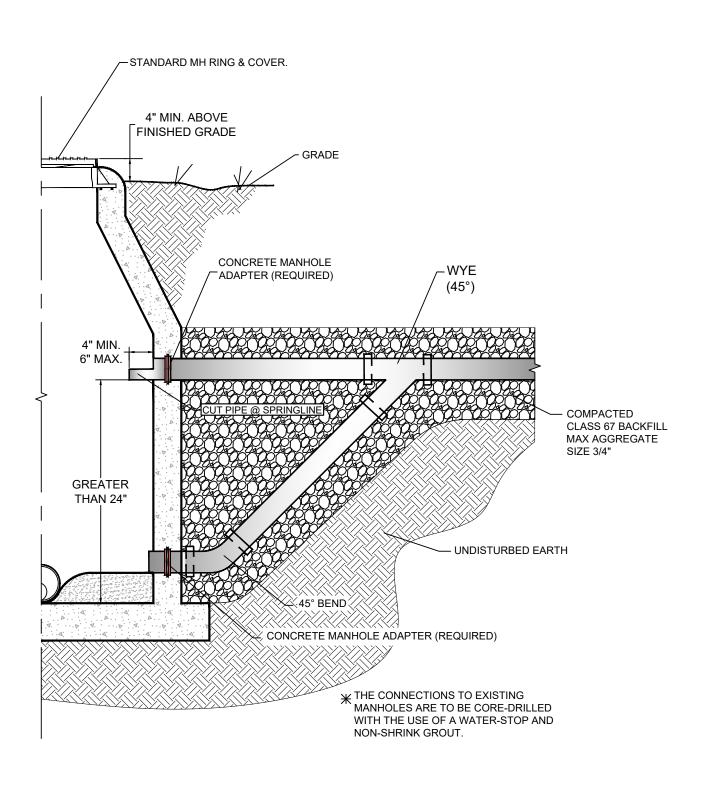


SANITARY SEWER INTERIOR DROP MANHOLE



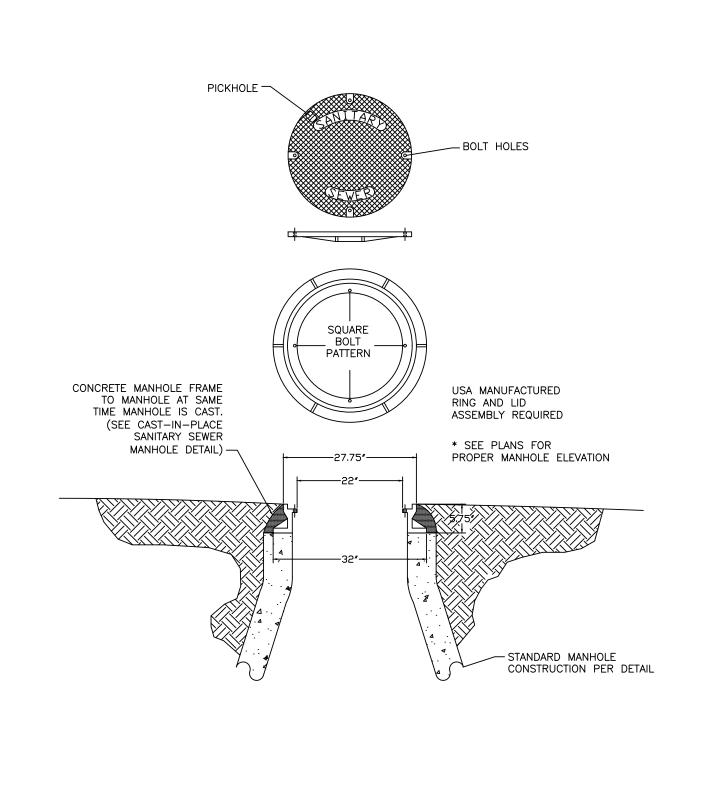
SANITARY SEWER DETAIL: SS02

SANITARY SEWER EXTERIOR DROP MANHOLE

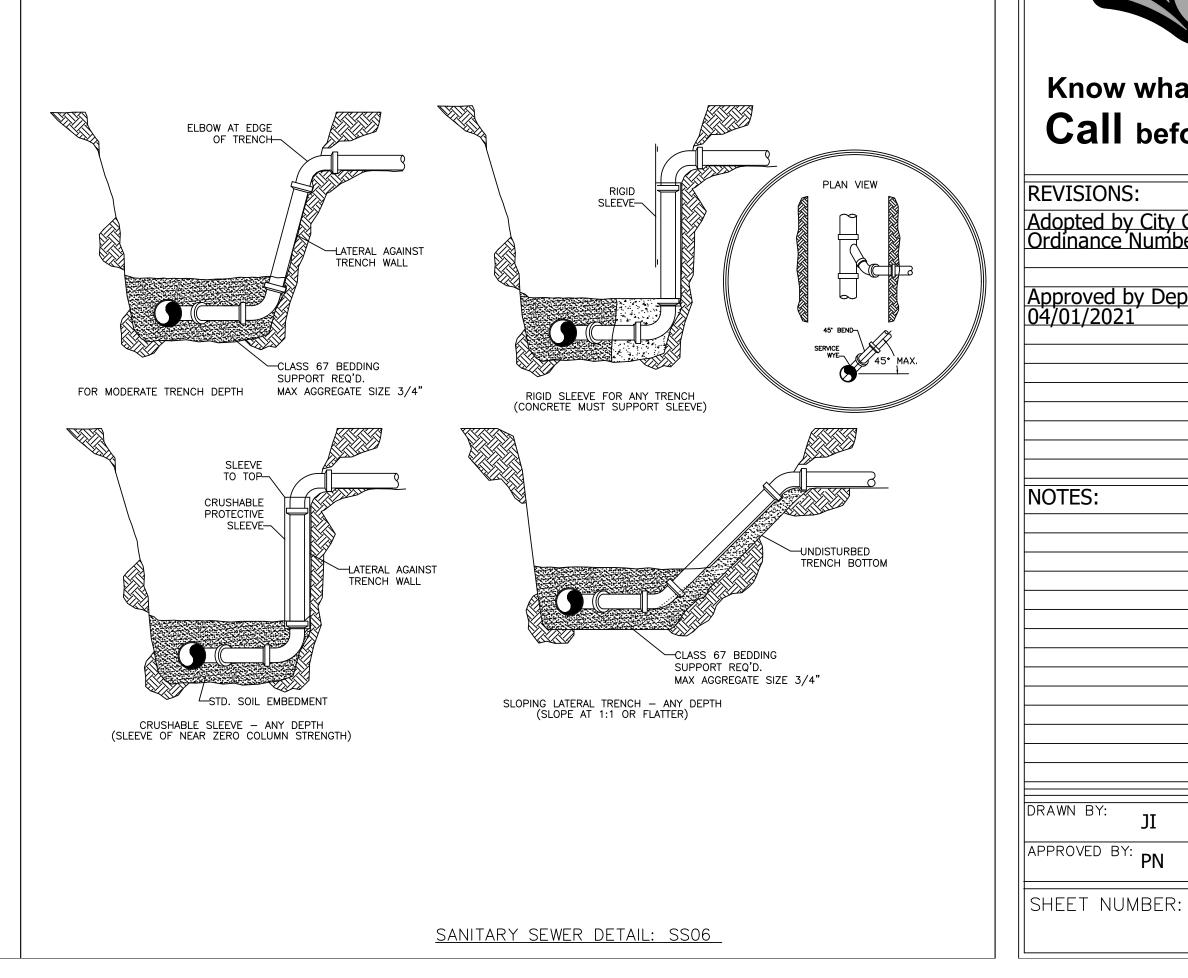


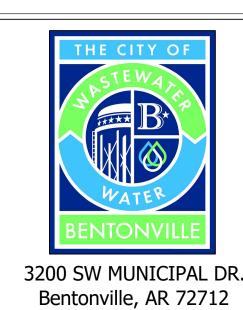
SANITARY SEWER DETAIL: SS03

WATER TIGHT BOLTED MANHOLE LID & FRAME



SANITARY SEWER SERVICE WYE





SAN.SEWER **DETAILS**

Ph: (479) 271-3140

www.bentonvillear.com

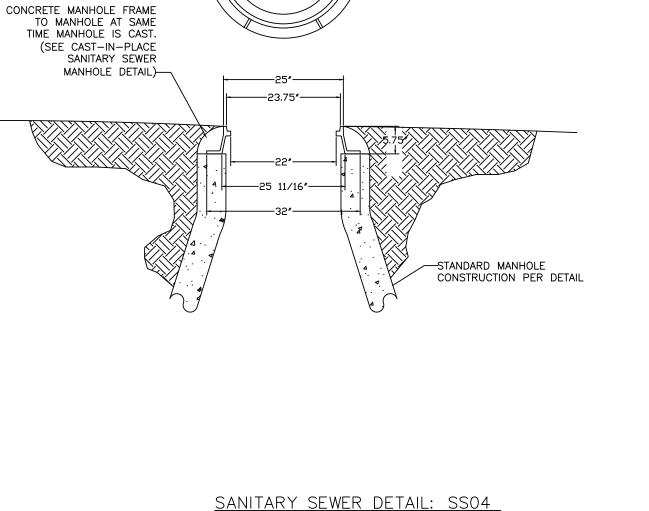


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REV	ISI	ONS	5:			
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Adopted by City Council 06/22/2021 Ordinance Number: 2021-135
Approved by Dept. of Health 04/01/2021
NOTES:
DRAWN BY: JI DATE: 03/16/2021

SHEET NUMBER:

03/16/2021



-CONCEALED PICKHOLE

MINIMUM 260LB IN STREETS

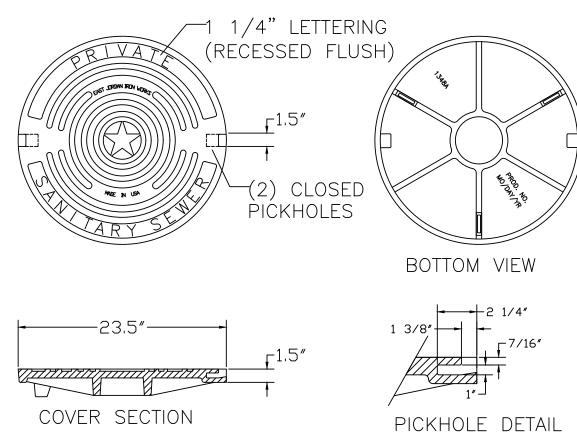
USA MANUFACTURED RING AND LID ASSEMBLY REQUIRED

* SEE PLANS FOR PROPER MANHOLE ELEVATION

SANITARY SEWER DETAIL: SS05

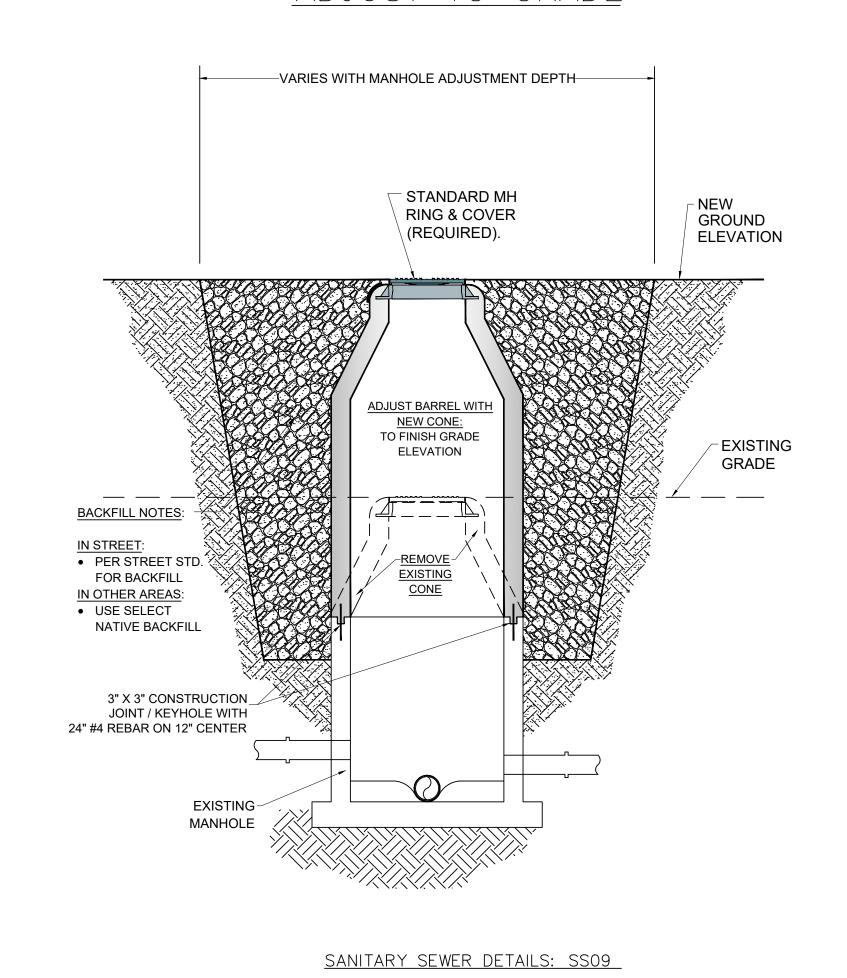
REMOTOR AMENDE ACCIONENT COME AND OR ARREST TO A MIN OF 7 OF DELOYM CONTINUE CLASS OF GRAVEL ONLY MAY AGGREGATE SIZE MY (NO SAND) ADMONDED MATTER THEFOR A WEST PROPERTY OF AGGREGATION IS REQUIRED ADMONDED MATTER THEFOR A WEST PROPERTY OF AGGREGATION IS REQUIRED ADMONDED MATTER THEFOR A WEST PROPERTY OF AGGREGATION ADMONDED MATTER THE W

PRIVATE MANHOLE RING AND LID 1 1/4" LETTERING (RECESSED FLUSH)



SANITARY SEWER DETAILS: SS08

TYPICAL MANHOLE ADJUST TO GRADE





SAN.SEWER DETAILS



Know what's **below.**Call before you dig.

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-v	\mathbf{L}	. 🔾	ľ	◡.

Adopted by City Council 06/22/2021 Ordinance Number: 2021-135

Approved by Dept. of Health 04/01/2021

NOTES:

PPROVED BY: PN DATE: 03/16/2021

SHEET NUMBER: 7

F 2

