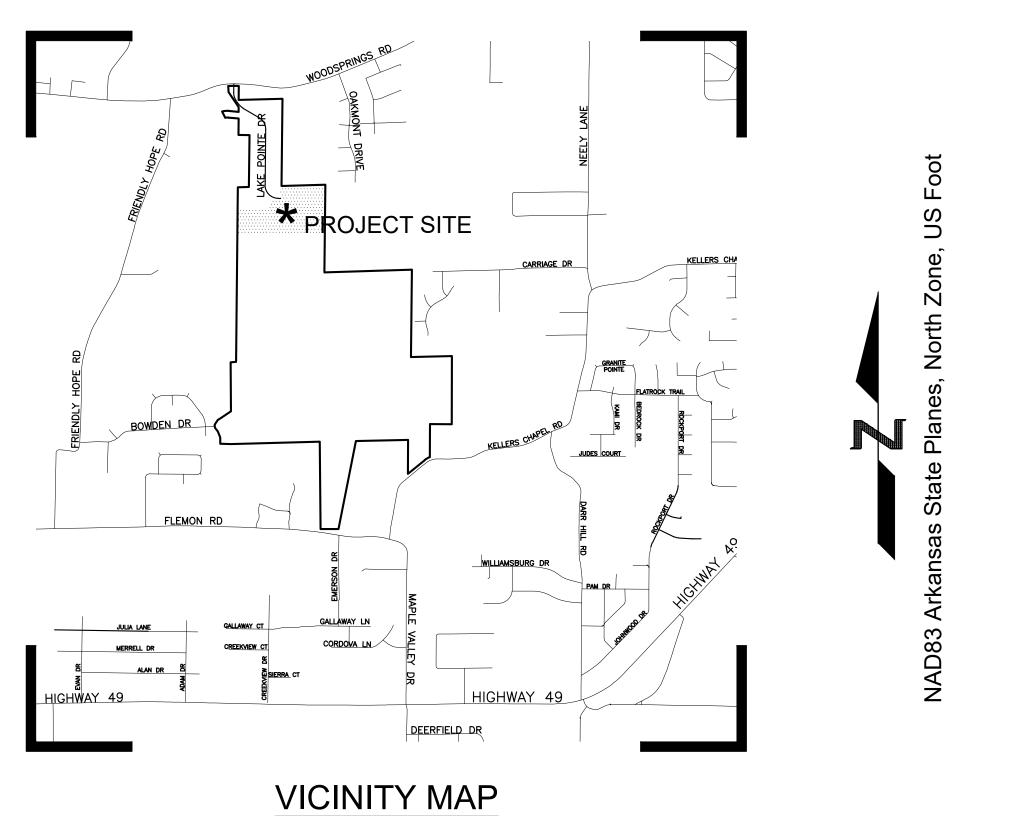
LAKE POINTE ESTATES JONESBORO, CRAIGHEAD COUNTY, ARKANSAS PHASE II - MAPC PRELIMINARY

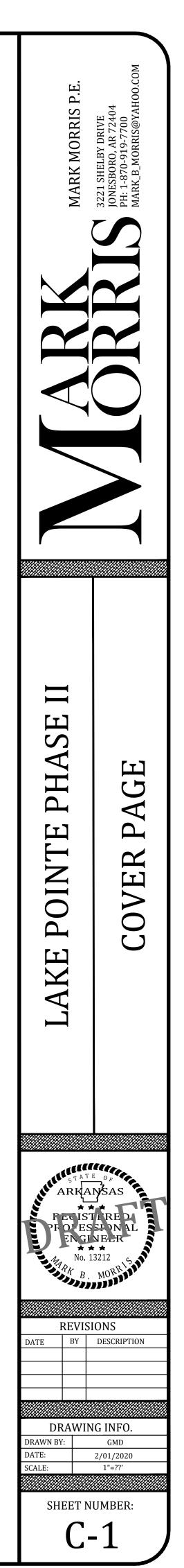
LOCAL CONTACTS

CITY OF JONESBORO	
ENGINEERING DEPT.	870-932-2438
CITY OF JONESBORO	
PLANNING AND ZONING	870-932-0406
CITY, WATER, & LIGHT	870-935-5581
AT&T	1-800-464-7928
RITTER COMMUNICATIONS	870-336-3400
SUDDENLINK	
COMMUNICATIONS	870-935-3615
CENTER POINT ENERGY	870-972-6682

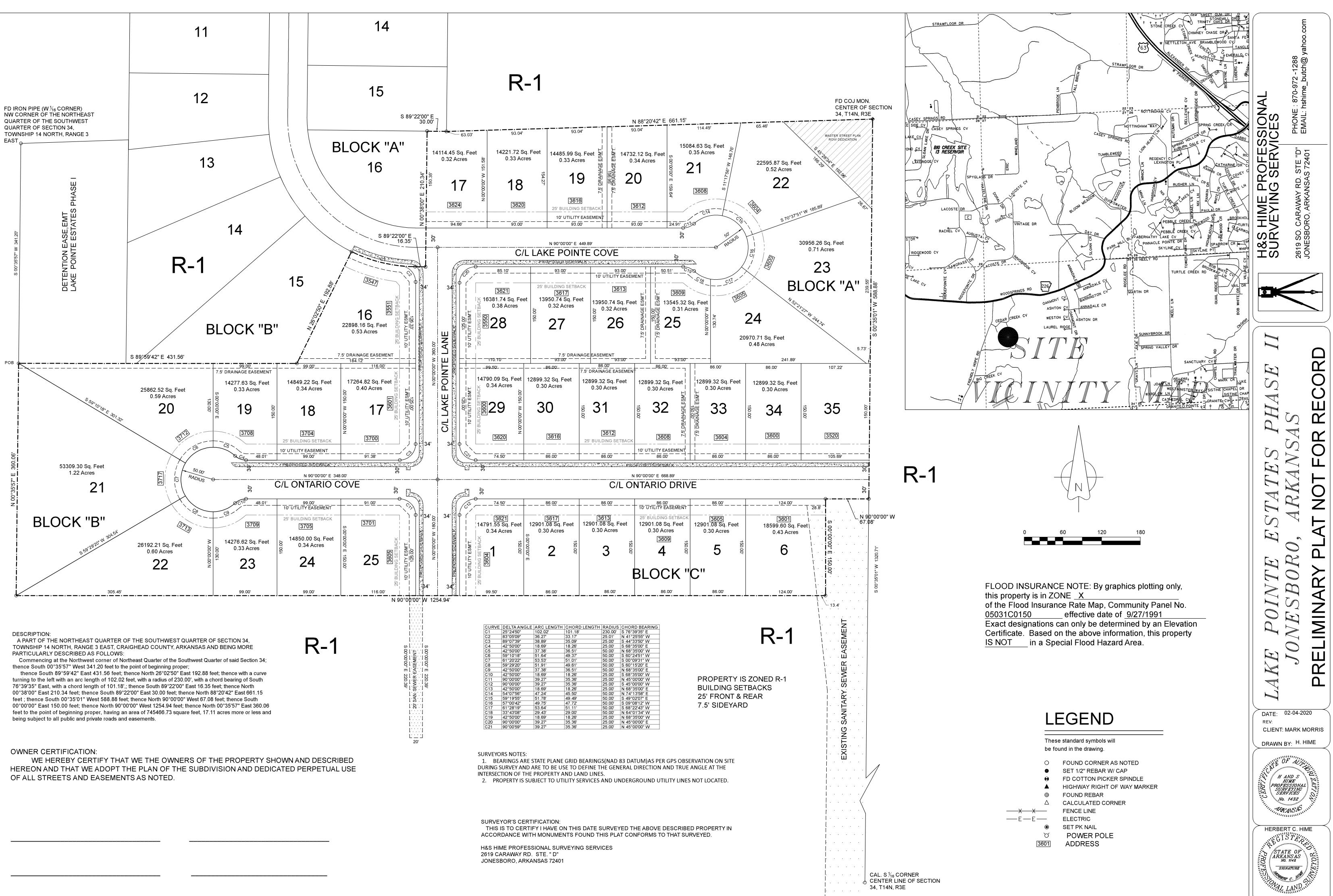


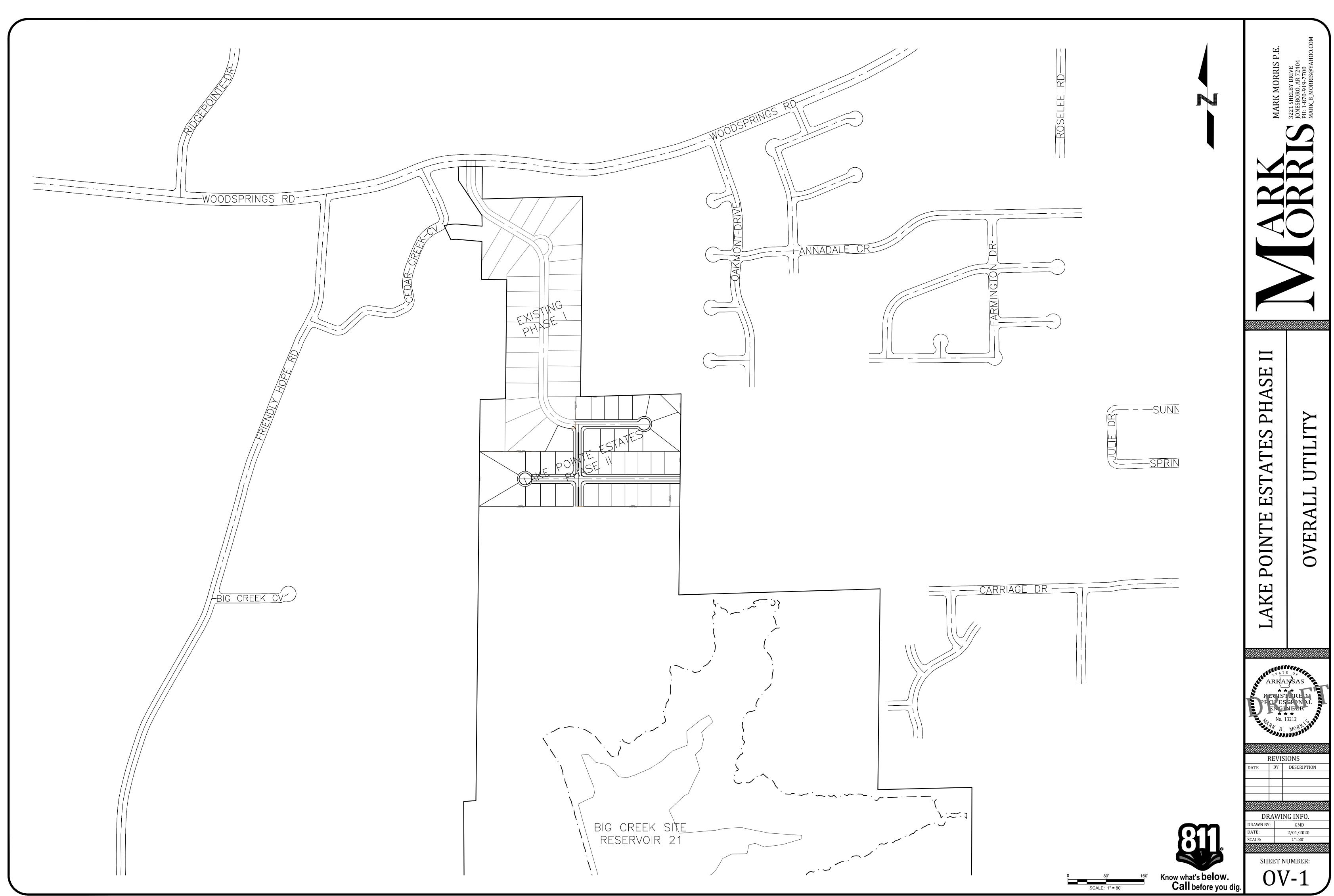
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PAGE	DESCRIPTION
C-1	COVER PAGE
P-1	PLAT
OV-1	KEY MAP
OV-2	OVERALL UTILITY
E-1	EROSION CONTROL
WT-1	WATER PLAN
SW-1	SEWER PLAN
SW-2	SEWER PLAN&PROFILE
GR-1	GRADING&DRAINAGE PLAN
ST-1	STREET PLAN&PROFILE
ST-2	STREET PLAN & PROFILE
ST-3	STREET PLAN&PROFILE
DT-1	EROSION CONTROL DETAILS
DT-2	WATER DETAILS
DT-3	SEWER DETAILS
DT-4	STREET DETAILS

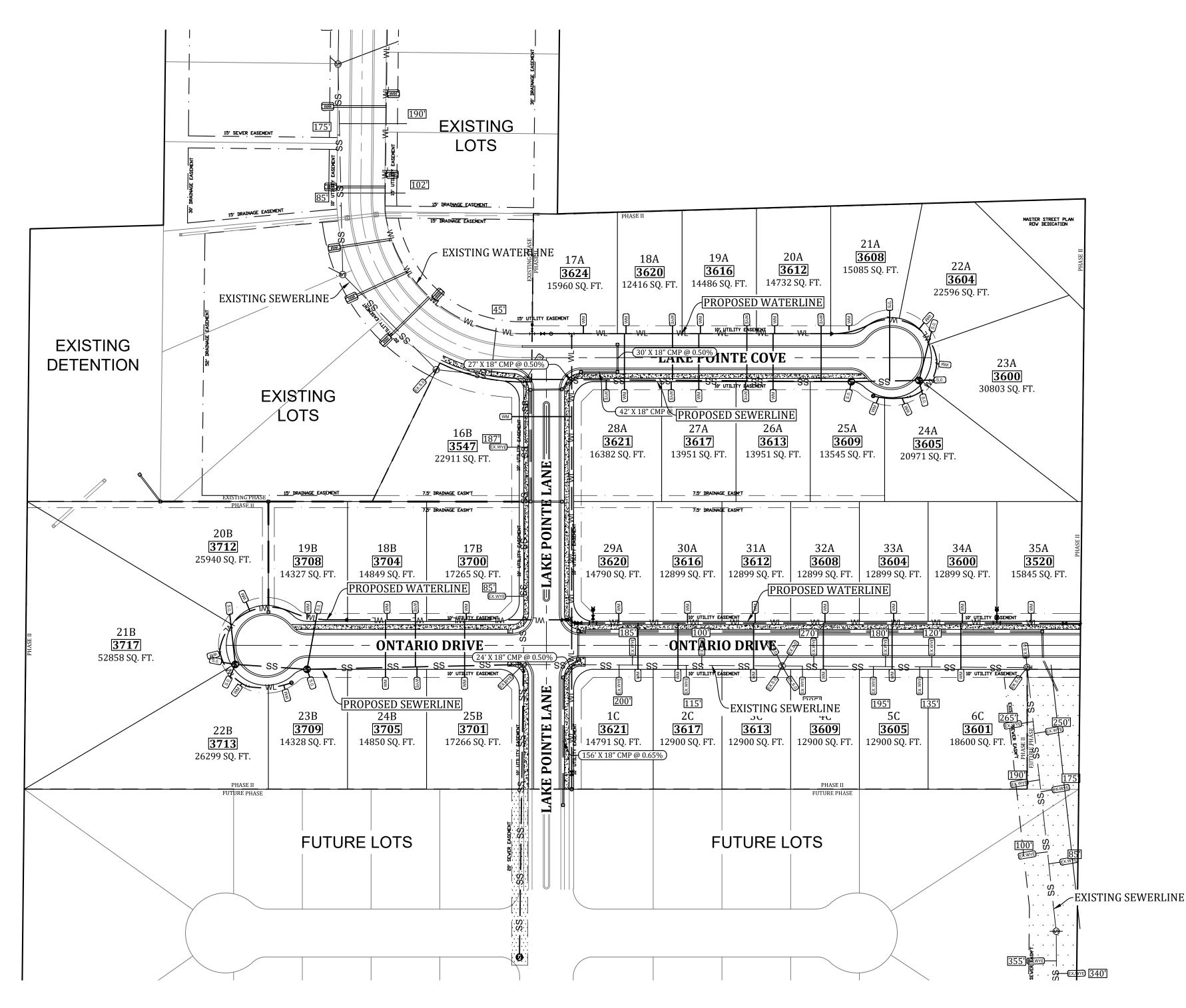


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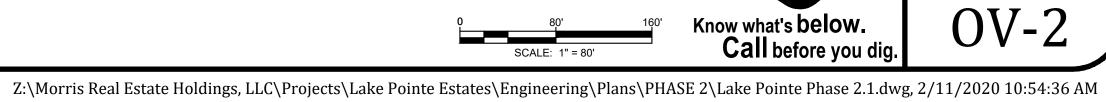
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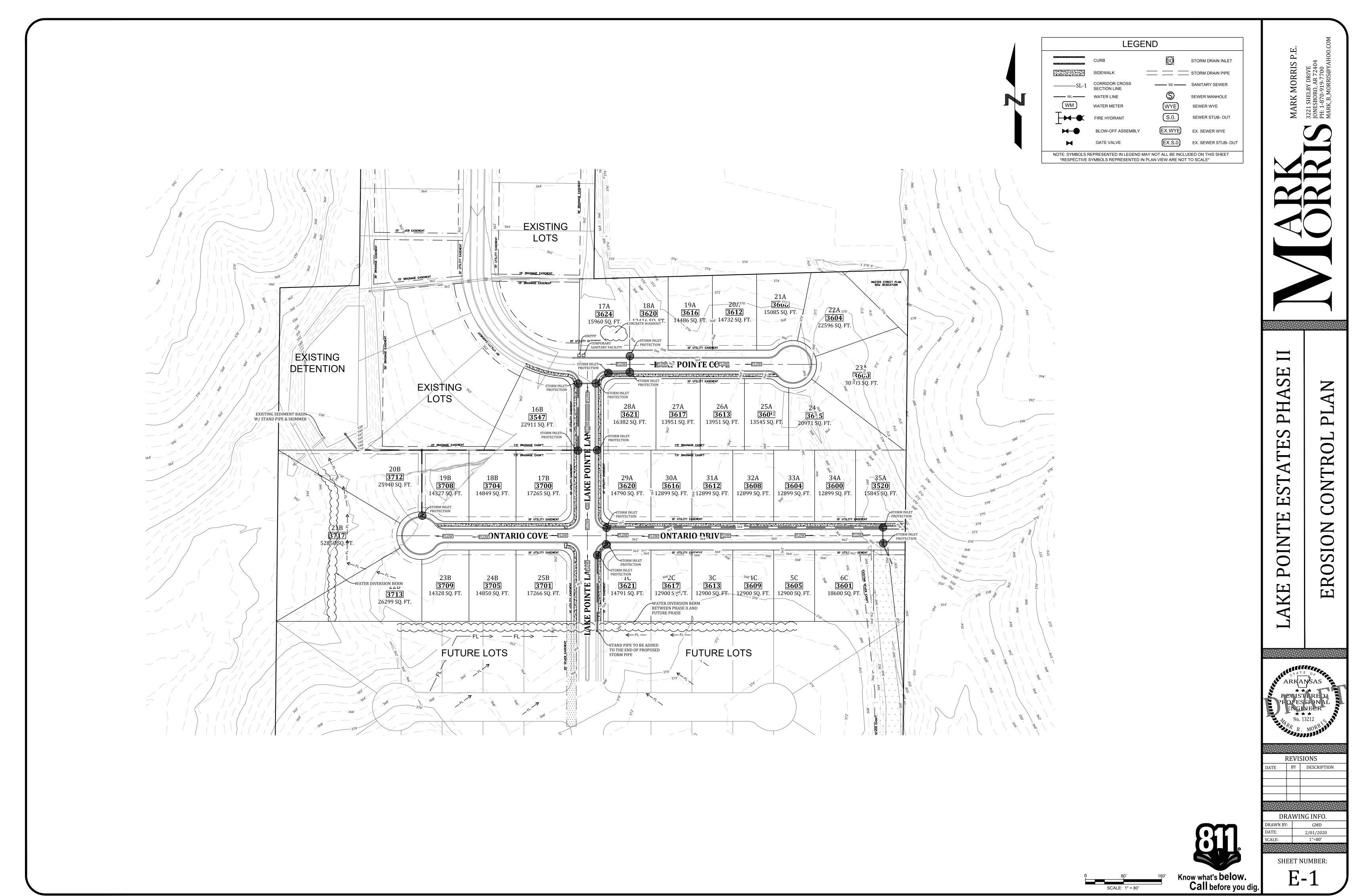


		LEGE	ND	
		CURB	SD	STORM DRAIN INLET
		SIDEWALK	= $=$ $=$	STORM DRAIN PIPE
	SL-1	CORRIDOR CROSS SECTION LINE	ss	SANITARY SEWER
	WL	WATER LINE	S	SEWER MANHOLE
	WM	WATER METER	WYE	SEWER WYE
		FIRE HYDRANT	<u>(S.0.</u>)	SEWER STUB- OUT
	▶ ●	BLOW-OFF ASSEMBLY	EX.WYE	EX. SEWER WYE
	M	GATE VALVE	EX.S.0	EX. SEWER STUB- OUT
,		EPRESENTED IN LEGEND M SYMBOLS REPRESENTED IN		

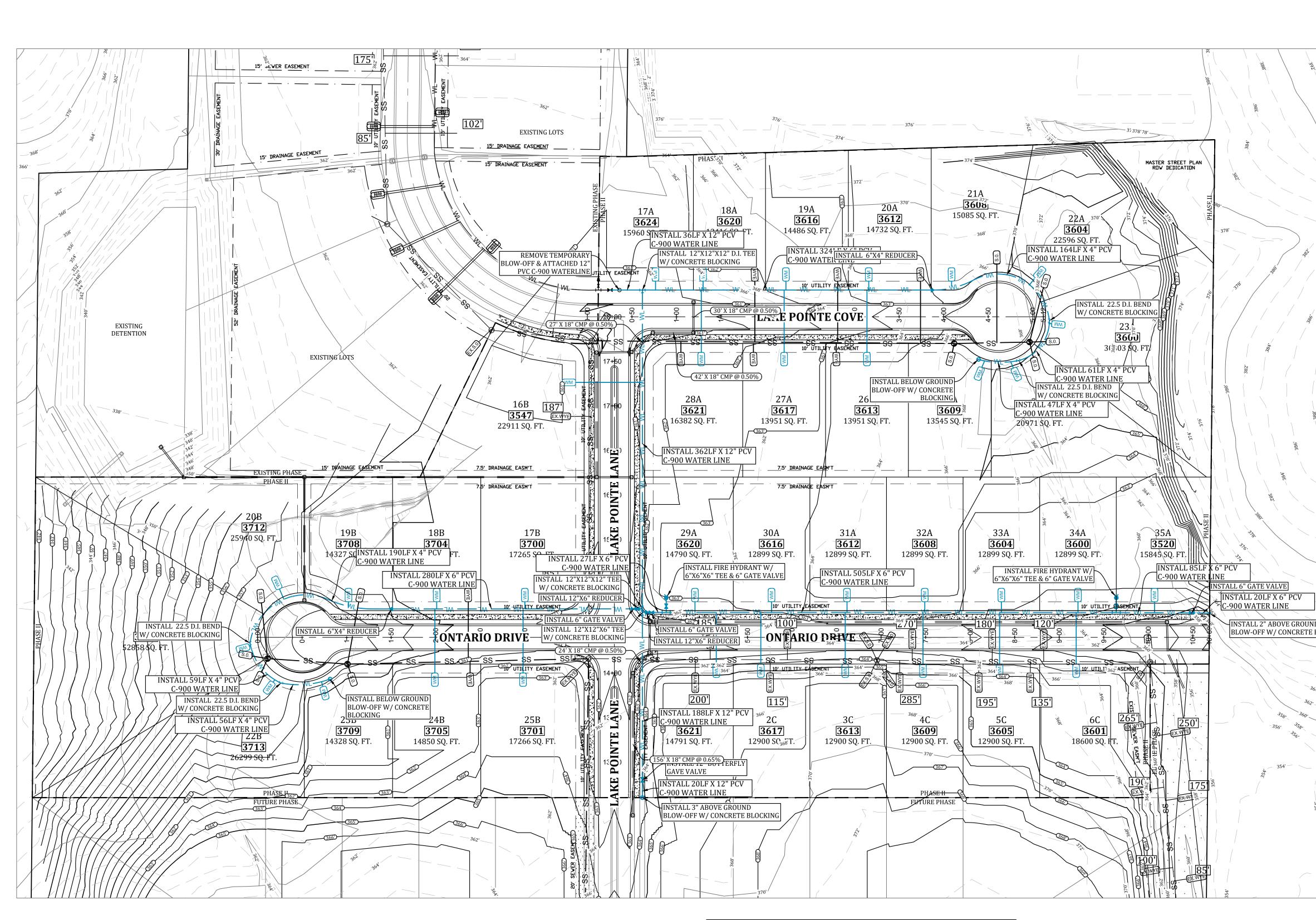
Ы MARK MORRIS P. 3221 SHELBY DRIVE JONESBORO, AR 72404 PH: 1-870-919-7700 MARK_B_MORRIS@YAH0 Ι Ι ATES PHASE \succ UTILIT S ГЛ Γ A POINTE K ГЛ O LAKE arkanysas ★ ★ ★ No. 13212 JAN B. M. REVISIONS DATE BY DESCRIPTION DRAWING INFO. GMD RAWN BY: DATE: 2/01/2020 CALE: 1"=80'

SHEET NUMBER:





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OPERATING NOTE:

THE OPERATING ROUTINE SHALL INCLUDE NECESSARY PROTECTIVE MEASURES TO DETECT AND REMOVE OR DESTROY ANY CONTAMINANT OF CONCERN OR REGULATION THAT MIGHT ENTER THE DISTRIBUTION SYSTEM. EVERY PRECAUTION MUST BE TAKEN AGAINST THE POSSIBILITY OF SEWAGE CONTAMINATION OF THE WATER IN THE DISTRIBUTION SYSTEM. WATER MAINS AND SANITARY SEWERS SHALL BE CONSTRUCTED AS FAR APART AS PRACTICABLE, AND SHALL BE SEPARATED BY UNDISTURBED AND COMPACTED EARTH. A MINIMUM HORIZONTAL DISTANCE OF 10' SHOULD BE MAINTAINED BETWEEN WATER LINES AND SEWER LINE OR OTHER SOURCES OF CONTAMINATION. WATER LINES AND SEWER SHALL NOT BE LAID IN THE SAME TRENCH EXCEPT OF THE WRITTEN APPROVAL OF THE ARKANSAS DEPARTMENT OF HEALTH. WATER MAINS NECESSARILY CLOSE PROXIMITY TO SEWERS MUST BE PLACED SO THAT THE BOTTOM OF THE WATERLINE WILL BE AT LEAST 18" ABOVE THE TOP OF THE SEWER LINE AT ITS HIGHEST POINT. IF THIS DISTANCE MUST UNAVOIDABLY BE REDUCED, THE WATER LINE OR THE SEWER LINE MUST BE ENCASED IN A WATERTIGHT PIPE WITH SEALED WATERTIGHT ENDS EXTENDING AT LEAST 10' EITHER SIDE OF THE CROSSING. ANY JOINT IN THE ENCASEMENT PIPE IS TO BE MECHANICALLY RESTRAINED. THE ENCASEMENT PIPE MAY BE VENTED TO THE SURFACE IF CARRYING WATER OR SEWER UNDER PRESSURE. WHERE A WATER LINE MUST UNAVOIDABLY PASS BENEATH THE SEWER LINE, AT LEAST 18" OF SEPARATION MUST BE MAINTAINED BETWEEN THE OUTSIDE OF THE TWO PIPES IN ADDITION TO THE PRECEDING ENCASEMENT REQUIREMENTS. EXCEPTIONS TO THIS MUST BE APPROVED IN WRITING BY THE ARKANSAS DEPARTMENT OF HEALTH. A MINIMUM HORIZONTAL DISTANCE OF 3' SHALL BE MAINTAINED BETWEEN WATER LINES AND OTHER UNDERGROUND UTILITIES OF A NON-SANITATRY NATURE (GAS, ELECTRIC, ETC.), EXCEPTIONS TO THIS MUST BE APPROVED IN WRITING BY THE ARKANSAS DEPARTMENT OF HEALTH AND HUMAN SERVICES.

TRENCH SETTLEMENT NOTE CITY WATER & LIGHT IS NOT RESPONSIBLE FOR ANY SETTLEMENT OVER WA & SEWER TRENCHES THAT OCCURS BEFORE OR AFTER THE WARRANTY PER

WATER METERS ARE SHOWN PICTORIALLY ONLY.

WATER METER NOTE:

WATER METERS SHALL BE LOCATED AT THE RIGHT OF WAY APPROXIMATELY

CENTER OF THE LOT. THERE SHOULD BE A MINIMUM OF 10 FEET SEPARATION BETWEEN WATER M AND SANITARY SEWER SERVICES.

WATER CONNECTION NOTE CONTRACTOR SHALL NOT INITIATE TIE IN CONNECTION TO EXISTING WATER AFTER 3 P.M. DURING NORMAL WORKING DAYS OR ON FRIDAY AFTER 12 P.M UNLESS APPROVED BY CITY WATER & LIGHT ENGINEERING DEPT. CONTRACTOR SHALL NOTIFY CWL INSPECTOR OF TENTATIVE TIME FRAME FOR CONNECTION 24 HOURS PRIOR TO ACTIVITY.

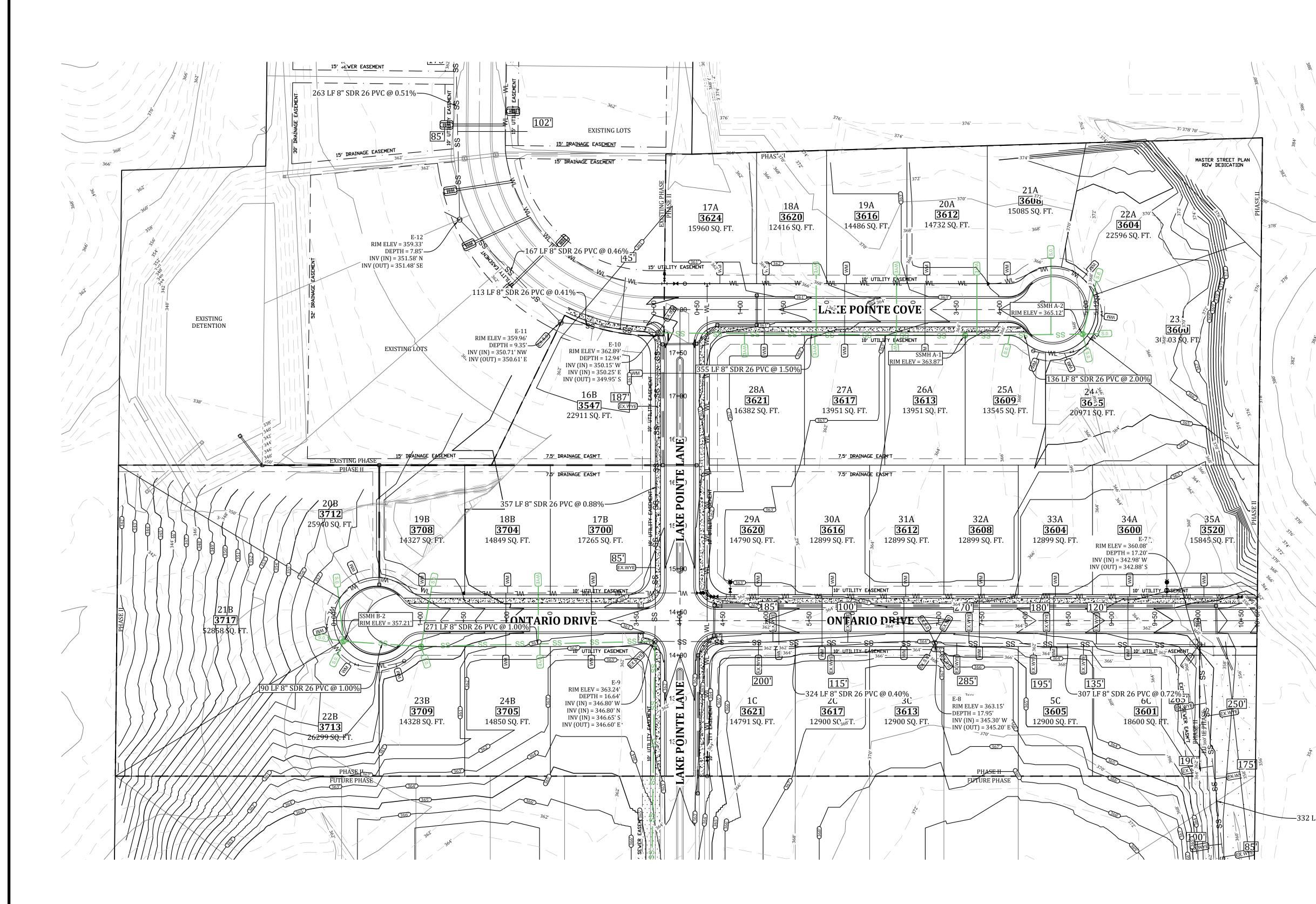
ALL SEWER WYES SHALL BE A MINIMUM OF 10' FOOT AWAY FROM PROPERTY CORNERS.

ELECTRICAL CONDUIT NOTE ALL ELECTRICAL CONDUIT SHALL HAVE A MINIMUM 48" OF COVER BELOW FI GRADE.

NO TRANSFORMER, JUNCTION BOX, OR PULL BOX TO BE PLACED OVER WATH FITTINGS WITHOUT CITY WATER AND LIGHT APPROVAL.

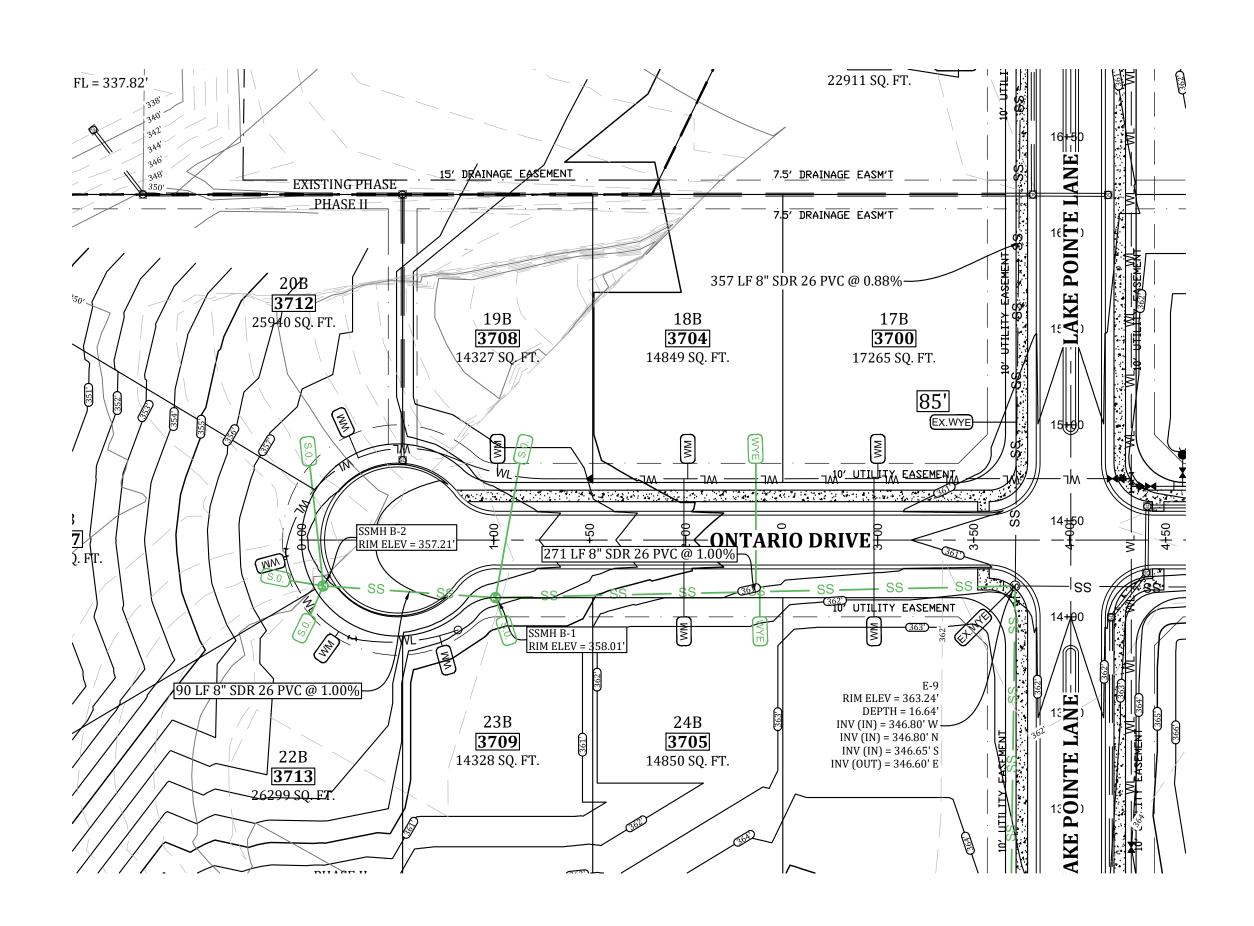
	LEGEND		M
	CURB STORM DRAIN INLET	P.E.	ILBY DRIVE R0, AR 72404 0-919-7700 MORRIS@YAHOO.COM
	SIDEWALK STORM DRAIN PIPE SL-1 CORRIDOR CROSS SS SANITARY SEWER	MARK MORRIS	0RIVE R 72404 7700 RIS@YAF
	WM WATER METER WYE SEWER WYE	OM X	
	FIRE HYDRANT SEWER STUB- OUT	1 ARF	3221 SHELB JONESBORO, PH: 1-870-97 MARK_B_MO MARK_B_MO
	BLOW-OFF ASSEMBLY EX. SEWER WYE	~ /	
390.	GATE VALVE (EX.S.0) EX. SEWER STUB- OUT NOTE: SYMBOLS REPRESENTED IN LEGEND MAY NOT ALL BE INCLUDED ON THIS SHEET		
	RESPECTIVE SYMBOLS REPRESENTED IN PLAN VIEW ARE NOT TO SCALE TOTAL WATERLINE QUANTITIES:		
` ³ 88,	606 LF - 12" C-900 PVC WATERLINEPRESSURES:1241 LF - 6" C-900 PVC WATERLINESTATIC PRESSURE = 72 PSI577 LF - 4" C-900 PVC WATERLINERESIDUAL PRESSURE = 62 PSI		
386.	577 LF - 4" C-900 PVC WATERLINERESIDUAL PRESSURE = 62 PSI23- 3/4" SHORT SERVICES12- 3/4" LONG SERVICES		
384	WATER AND ELECTRIC NOTES:		
	 CONTRACTOR SHALL PROVIDE NECESSARY ELECTRICAL CONDUIT & PERMANENT MARKERS W/ GRAY PVC SCH 40 (2") & PVC SCH 40 (4") & 36" RAD ELBOWS FOR RISERS AND A STRING & MOUSE BLOWN IN THE CONDUIT. CONTRACTOR SHALL OBTAIN AN ELECTRICAL PLAN FROM CWL AND INSTALL THE ELECTRICAL CONDUIT AS SPECIFIED BY CWL.(CONTRACTOR OBTAIN ON ELECTRICAL PLAN FROM CWL AND INSTALL THE ELECTRICAL CONDUIT AS SPECIFIED BY CWL.(CONTRACTOR 		
Ś	 SHALL OBTAIN CWL SPECIFICATIONS). 2. CONTRACTOR SHALL PROVIDE 3/4" METER STOP, TAP, SERVICE LINE & METER BOX AS REQUIRED BY CWL & INSTALL AS REQUIRED BY CWL. 		
	 CONTRACTOR SHALL PROVIDE ENGINEER W/ "AS-BUILT" DIMENSIONS FOR WYE'S, VALVES, TEES, BENDS, FIRE HYDRANTS, & WATER METERS. CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS FOR ALL SEWER, WATER, & ELECTRICAL LINE LATERALS & PROVIDE LABOR & MATERIAL TO BACKFILL ALL SEWER, WATER & ELECTRICAL STREET CUTS WITH SANDY MATERIAL 		
	(P.I. <15) TO TOP OF EXCAVATION & COMPACT FILL TO 95% COMPACTION & PROVIDE COMPACTION TESTS AT 2' INTERVALS. CONTRACTOR SHALL PROVIDE LABOR AND MATERIAL FOR ALL SEWER & WATER LINE MAINS THAT CROSS A STREET AND BACKFILL THEM WITH SANDY (P.I. <15) TO TOP OF EXCAVATION & COMPACT FILL TO 95% COMPACTION &		
	 PROVIDE MATERIAL COMPACTION TESTS AT 2' INTERVALS. 5. A 12 GA SOLID TRACER WIRE SHALL BE INSTALLED WITH WATER LINE MAIN WHERE. THERE SHALL BE A PERMANENT WATER LINE MARKER INSTALLED @ THE BEGINNING, THE END, AND 750' INTERVALS IN BETWEEN WHERE THE TRACER 		
.066	 WIRE IS INSTALLED. THE TRACER WIRE SHALL BE INSTALLED ABOVE THE WATER LINE AND CONNECTED TO THE PERMANENT MARKERS IN A MANNER THAT WILL INSURE A CONTINUOUS CONNECTION OF THE TRACER LINE. 6. CONTRACTOR SHALL CALL ARK ONE CALL FOR LOCATES PRIOR TO CONSTRUCTION. 7. CWL SHALL PROVIDE FIRE HYDRANT, 6" D.I. GATE VALVE, VALVE BOX W/ LID, AND 6" BY LINE SIZE D.I. TEE. CONTRACTOR 	, 	•
	 SHALL PROVIDE LABOR FOR INSTALLATION AND CONCRETE BLOCKING. (SEE DETAIL SHEET) 8. CONTRACTOR SHALL NOTIFY ENGINEER TO DETERMINE ELEVATIONS FOR MANHOLE TOPS, WATERLINE ELEVATION WHERE IT CROSSES PROPOSED STORM DRAINS, WATER METER BOX ELEVATIONS, VALVE BOX ELEVATIONS, AND FIRE 		******
	HYDRANT ELEVATIONS, AND WATER LINE LOCATION AROUND INLETS. WATER LINE SHALL BE INSTALLED AT AN ELEVATION WHERE HYDRANTS ARE LOCATED TO ENSURE HYDRANT WILL BE AT PROPER HEIGHT WHEN FINISHED GRADE HAS BEEN OBTAINED.	II	
	 CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH PLANS TO INSURE THE WATER LINE DEPTH OF INSTALLATION IS BELOW THE PROPOSED STORM DRAIN ELEVATION, CONTRACTOR WILL BE REQUIRED TO COME BACK AND LOWER WATER LINE (AT THE CONTRACTOR'S EXPENSE) IF IT INTERFERES WITH THE STORM DRAIN INSTALLATION. IF CONTRACTOR CAN NOT INSURE WATER LINE INSTALLATION TO BE BELOW STORM DRAIN, THEN THE CONTRACTOR 	Ш	
	SHALL POSTPONE WATER LINE INSTALLATION UNTIL STORM DRAIN HAS BEEN INSTALLED. 11. CONTRACTOR SHALL PROVIDE OWNER WITH ONE YEAR WARRANTY FOR MATERIALS AND WORKMANSHIP. 12. CONTRACTOR SHALL PROVIDE ENGINEER WITH LIEN RELEASES FOR MATERIALS AND LABOR; BACTERIAL SAMPLE	HAS	
	 RESULTS; AND MODEL & YEAR OF WATER LINE VALVES WITHIN 30 DAYS OF COMPLETION OF WORK. 13. CONTRACTOR SHALL DRESS UP PROJECT AFTER INSTALLATION TO THE CONDITION IT AS PRIOR TO BEGINNING CONSTRUCTION. MOUND BACKFILL OVER TRENCHES 1' TO 2' TO ALLOW FOR SETTLING IN AREAS OUT OF THE STREET. 	H/	
	 CONTRACTOR SHALL REVIEW DETAIL SHEETS TO ENSURE PROPER INSTALLATION OF VALVES, FIRE HYDRANTS, CONCRETE BLOCKING, SERVICE LINES, MANHOLE INVERTS, AND DROP ASSEMBLIES. CONTRACTOR SHALL OBTAIN A CURRENT SET OF CWL SPECIFICATIONS AND REVIEW THEM. CWL SPECIFICATIONS ARE 	L L	
	TO BE ADHERED TO AND MADE A PART OF THIS SET OF PLANS. CONTRACTOR SHALL USE CWL SPECIFICATIONS TO INCLUDE ITEMS NOT SHOWN OR REFERRED TO IN THIS SET OF PLANS.18) ALL STREET EXCAVATION MATERIAL SHALL BE DISPOSED OF BY CONTRACTOR ON THE ADJACENT LOTS OR AS DIRECTED BY OWNER 16. ALL STREET EXCAVATION MATERIAL SHALL BE DISPOSED OF BY CONTRACTOR ON THE ADJACENT LOTS OR AS	ES	AN
	DIRECTED BY OWNER. 17. CONTRACTOR SHALL PLACE 8 MIL POLYWRAP OVER DUCTILE IRON FITTINGS PRIOR TO PLACING CONCRETE BLOCKING TO PREVENT CONCRETE FROM ENCASING BOLTS & NUTS.		ΓĄ
	18. ALL WATER LINES 4"-12" DIAMETER SHALL BE AWWA C-900 PRESSURE CLASS 150 DR 18. ALL 2" AND 3" DIAMETER WATER LINES SHALL BE SDR 21 CLASS 200 (ASTM 2241). ALL SEWER LINES SHALL BE ASTM 2241 SDR-26.	ΓA	Ρ
D BLOCKING	 WATER LINE AND SANITARY SEWER LINE SHALL MAINTAIN 18" MINIMUM VERTICAL SEPARATION. WATER LINE AND STORM DRAIN SHALL MAINTAIN 36" MINIMUM HORIZONTAL SEPARATION TO PREVENT FREEZING. MAINTAIN 10' HORIZONTAL SEPARATION BETWEEN SEWER AND WATER LINE. CONSTRUCTION SHALL BEGIN ONLY AFTER APPROVED PLANS FROM THE ARKANSAS DEPARTMENT OF HEALTH ARE 	ES	ER
370'	SUBMITTED TO CWL, AND ALL NECESSARY FEES ARE PAID IN FULL. CONSTRUCTION BY CONTRACTORS SHALL THEN BEGIN ONLY AFTER THE RIGHT OF WAY HAS BEEN CLEARED, THE ENTIRE SECTION STAKED,THE ELEVATIONS CAREFULLY CHECKED, AND A PRE-CONSTRUCTION MEETING HAS BEEN HELD. A POST CONSTRUCTION MEETING WILL BE HELD W/ CONTRACTOR PRESENT TO VERIFY ALL CONSTRUCTION IS ACCEPTABLE TO CWL PRIOR TO THE	Ш	
- 368'	INSTALLATION OF ELECTRICAL WIRE. 21. DEVELOPER MUST SHOW PROOF OF ADEQUATE INSURANCE COVERAGE. (ARKANSAS WORKER'S COMPENSATION, \$1,000,000.00 MINIMUM GENERAL LIABILITY, AND \$1,000,000.00 MINIMUM AUTO LIABILITY.) CONTRACTOR MUST HAVE A STATE CONTRACTORS LICENSE. CONTRACTOR MUST HAVE A COMPETENT PERSON AT THE JOB SITE AS DEFINED BY		WA
4'	OSHA. 22. FINAL CLEAN-UP OF THE SITE SHALL INCLUDE THE REMOVAL AND DISPOSAL OFF-SITE OF ALL CONSTRUCTION DEBRIS, AND SURPLUS MATERIALS.	IN	\boldsymbol{S}
	23. DURING CONSTRUCTION, WORK SHALL BE INSPECTED BY THE DEVELOPER'S CONSULTING ENGINEER FOR NECESSARY SAFETY PRACTICES, PROPER MATERIALS, AND WORKMANSHIP. CWL WILL PROVIDE RANDOM INSPECTIONS TO INSURE THAT THE PLANS APPROVED BY THE ARKANSAS DEPARTMENT OF HEALTH AND CWL ARE FOLLOWED	0	
358	CONCERNING WORKMANSHIP AND MATERIALS. 24. IF SEWER AND WATER LINES HAVE NOT BEEN ACCEPTED BY CWL WITHIN 360 DAYS AFTER MANDREL TESTS, LOW PRESSURE AIR TESTS, HYDROSTATIC TESTS AND BACTERIAL TESTS, ALL TESTS WILL BE REQUIRED TO BE REPEATED AND RE-CERTIFIED.		
	 INSTALLATION OF DOMESTIC WATER METER TAPS ARE REQUIRED TO BE MADE DURING THE INSTALLATION OF THE NEW WATER MAINS. OBSTRUCTING DRAINAGE PIPES, SHALL BE REMOVED. IF IN SOUND, UNDAMAGED CONDITION, THEY MAY BE CLEANED 	AKE	
354	AND RE-INSTALLED. IF UNSOUND OR DAMAGED, THEY SHALL BE REPLACED WITH THE SAME TYPE OF MATERIAL. WHEN THE ANGLE BETWEEN CENTER LINES OF A DRAINAGE PIPE AND WATER MAIN WILL PERMIT, THE WATER MAIN MAY BE INSTALLED BY TUNNELING, PROVIDED THE DRAINAGE PIPE IS NOT DAMAGED AND THE WATER MAIN IS LAID PROPERLY.	V	
	AS AN ALTERNATIVE IN THE CASE OF CORRUGATED METAL PIPE, A SECTION MAY BE CUT FROM THE DRAINAGE PIPE, AND RESTORATION ACCOMPLISHED WITH NEW PIPE AND COUPLING BANDS. 27. CWL ENGINEERING DEPT. MUST APPROVE ANY WATER OR SEWER LINES THAT WILL BE INSTALLED CLOSER THAN 5' PARALLEL WITH EDGE OF PAVED STREET SURFACE.	Γ	
	28. REPAIRS SHALL BE MADE IN ACCORDANCE WITH AWWA. IF VALVE IS CLOSED BY THE CONTRACTOR WITHOUT CWL'S KNOWLEDGE, THE NEW SECTION MUST BE TESTED FOR WATER QUALITY AND FLUSHED. THE CWL INSPECTOR WILL WITNESS ALL REPAIRS.		
\sim	 29. WATER LINE FITTINGS SHALL BE CLASS 350 DUCTILE IRON OR CAST IRON. 30. TRENCH DEPTH WILL BE SUCH AS TO ALLOW A MINIMUM COVER OF 42" OVER WATER MAIN. 31. LEAKAGE TESTS SHALL BE MADE PRIOR TO STERILIZATION OPERATIONS. THE TEST PERIOD SHALL BE TWO (2) HOURS. 	ST A T E	OF FOR
	TEST PRESSURE SHALL BE 1.5 TIMES THE CALCULATED WORKING PRESSURE OF THE MAIN, BUT NOT LESS THAN 100 PSI. THE LINE WILL NOT BE ACCEPTED UNLESS OR UNTIL THE TOTAL IS LESS THAN THAT SPECIFIED IN AWWA C-600-93 FOR DUCTILE IRON AND AWWA C-605-94 FOR PVC PIPE. 32. ALL WATER LINES SHALL BE STERILIZED IN ACCORDANCE WITH AWWA C-651-94. ANY NEW CONSTRUCTION OR	FECIST	
	REPAIRED WATER MAIN MUST BE THOROUGHLY CLEANED (FLUSHED), DISINFECTED, AND TESTED FOR BACTERIOLOGICAL QUALITY BEFORE IT CAN BE PLACED IN SERVICE. FOLLOWING A CONTACT PERIOD OF NOT LESS THAN 24 HOURS, THE CHLORINATED WATER SHALL BE FLUSHED FROM THE SYSTEM, AND THE SYSTEM FILLED WITH	PF OVES	
TER RIOD.	WATER OF NORMAL CHLORINE CONTENT. SAMPLES OF WATER THEN SHALL BE TAKEN ON TWO CONSECUTIVE DAYS FROM THE LINES AND DELIVERED TO THE CWL - LABORATORY FOR BACTERIAL ANALYSIS. THIS PROCESS SHALL BE CONTINUED UNTIL THE SAMPLES SHOW THE WATER IS SAFE FOR DOMESTIC REQUIREMENTS. FLUSHING DEVICES SHOULD BE SIZED TO PROVIDE FLOWS WHICH WILL GIVE A VELOCITY OF AT LEAST 2.5 FEET PER SECOND IN THE	No. 13	212 MORR STIN
	WATER MAIN BEING FLUSHED. NO FLUSHING DEVICE SHALL BE DIRECTLY CONNECTED TO ANY SEWER. IF THE LINE HAS SET FOR A ONE MONTH OR LONGER BEFORE FINAL ACCEPTANCE, IT SHALL BE RESTERILIZED, FLUSHED, AND BACTERIAL TESTED. 33. THE DEVELOPER AND ENGINEER ARE RESPONSIBLE FOR METER BOX LOCATIONS. ANY CONFLICTS THAT REQUIRE		
AT THE	 PLASTIC BOX(S) TO BE CHANGED OUT TO CONCRETE BOX(S) WILL BE AT THE EXPENSE OF THE DEVELOPER AND/ OR CONTRACTOR. 34. IF UNSAFE PRACTICES ARE DISCOVERED BY CWL DURING INSPECTIONS OF WORKMANSHIP AND MATERIALS, CWL WILL NOTIFY OSHA. THIS PROCEDURE IN NO WAY OBLIGATES CWL FOR THE RESPONSIBILITY OF THE CONTRACTOR'S SAFETY 	REVISI	
ETERS	PRACTICES. 35. CONSTRUCTION INSPECTION FOR THIS PROJECT SHALL BE THE RESPONSIBILITY OF MARK MORRIS P.E.	DATE BY	DESCRIPTION
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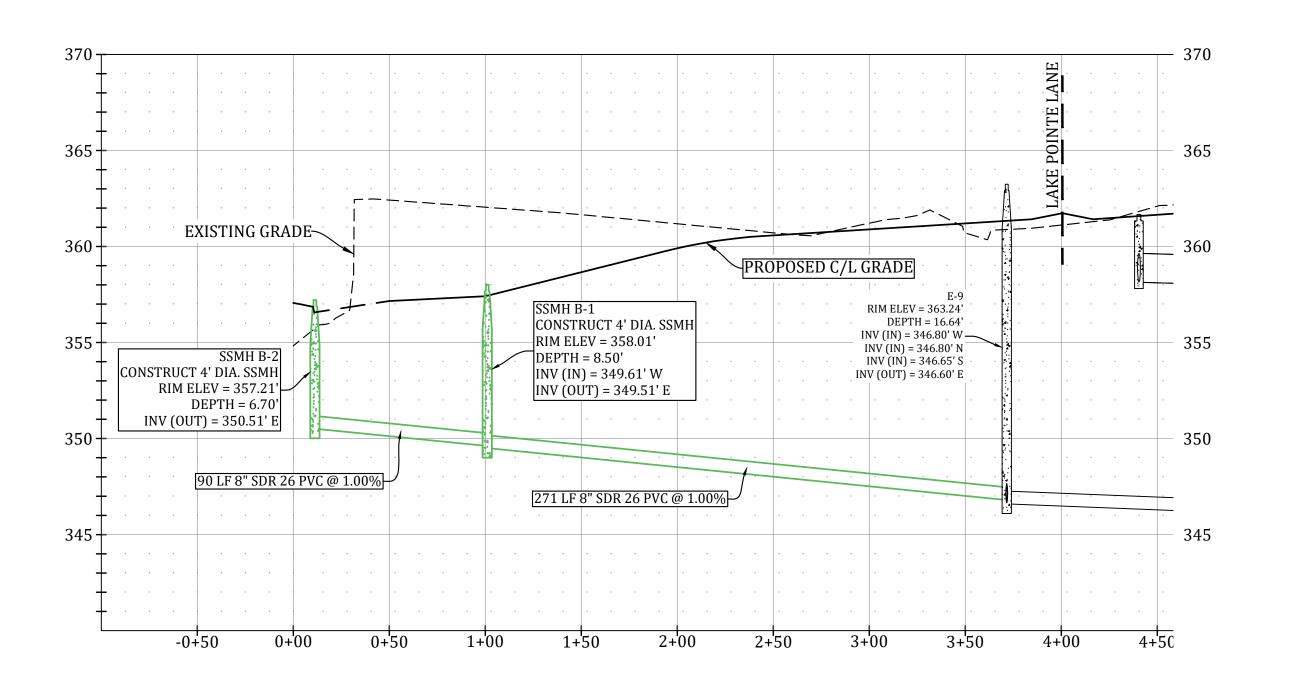
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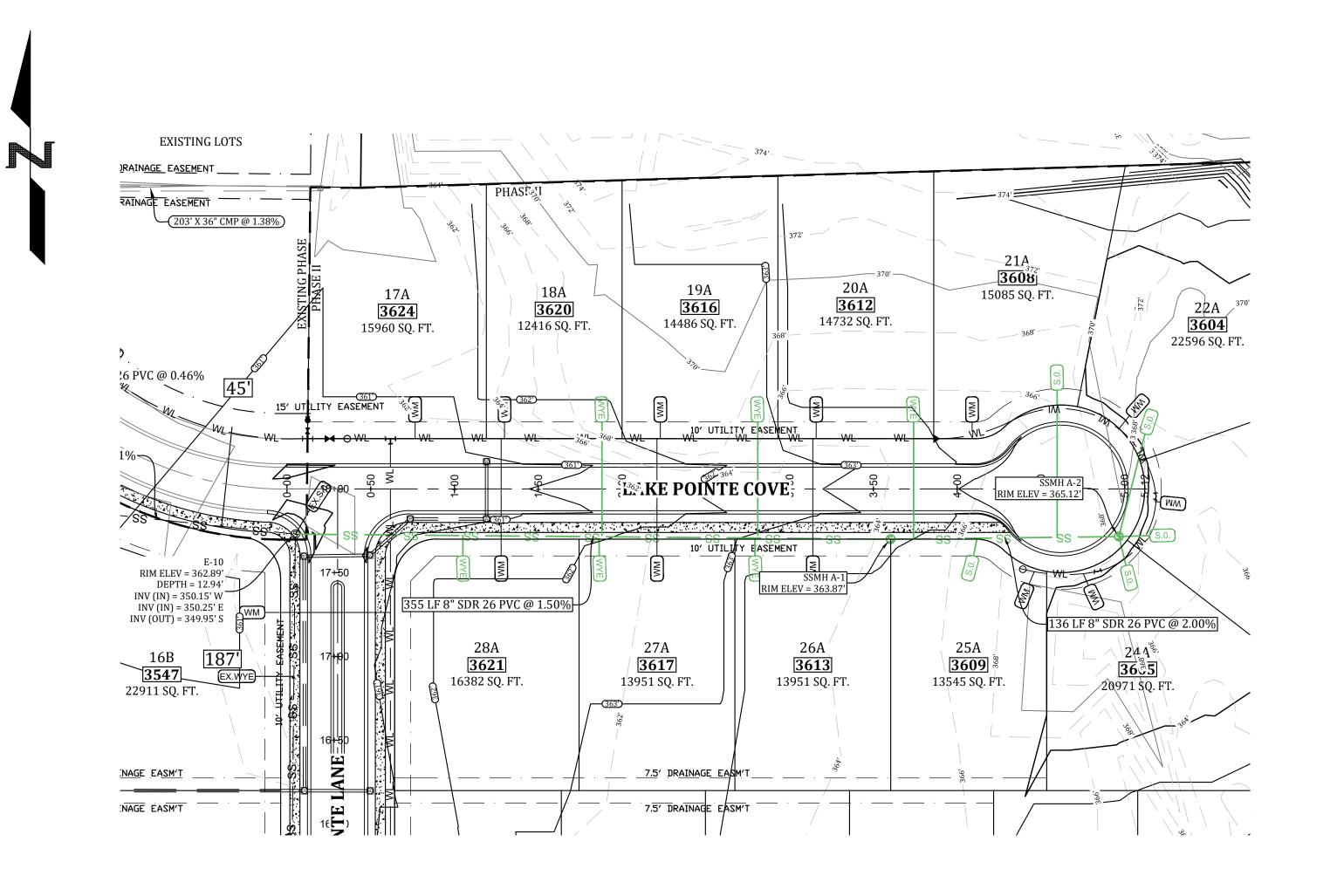


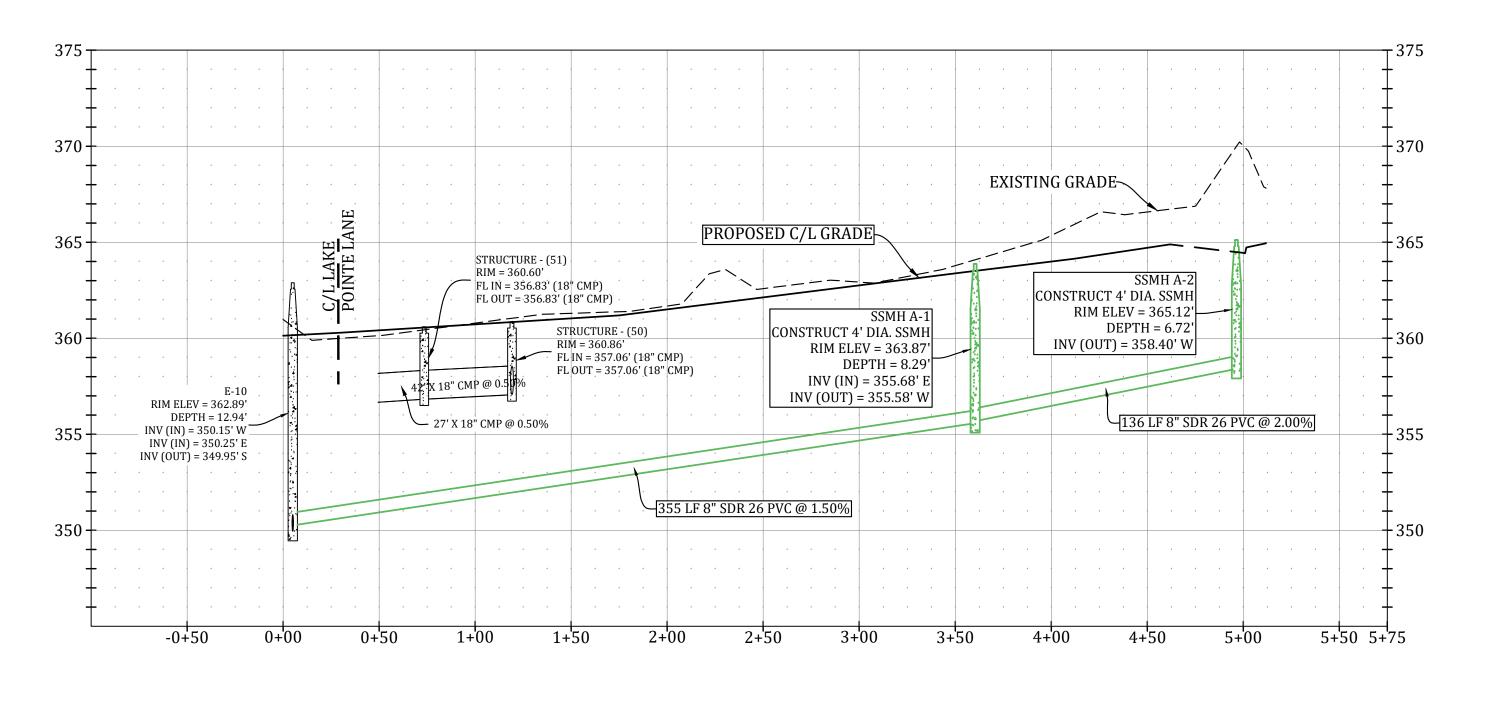
LEGEND SIDEWALK STORM DRAIN PIPE SL-1 SCORE DOR CROSS WL WL WL	MARK MORRIS P.E.	3221 SHELBY DRIVE JONESBORO, AR 72404 PH: 1-870-919-7700 MARK_B_MORRIS@YAHOO.COM
 SANTACTOR SHALL PROVIDE WYES OR STUBOUTS FOR RACH LOT. THEY SHALL BE PLACED ON THE LOW ELEVATION SUDE OF TOR IN THE CENTRE OF THE LOT IF THE ELEVATION IS FLAT. CONTRACTOR SHALL PROVIDE LASIDER WI "A-BUILT" DIMENSIONS FOR WYES. VALUES, TEES, BENDS, FIRE MYDRANTS & WATER MERE OF THE LOT IF THE ELEVATION IS FLAT. CONTRACTOR SHALL PROVIDE LASIDE AND MATERINAS FOR ALL SENSER, WATER ALLER ALL HER LITE ALLE STATE MILE STATE MYDRANTS AND LARDER THAN A STREET CUTS WITH SANDY WATER MATERIAL PROVIDE LABOR AND MATERIAL FOR ALL SENSER, WATER ALLER ALLER ALL HER LATER AS A TRUTH SANDY WATER ON A SCHEMET THAN AND MATERIAL FOR ALL SENSER, WATER LINE ALLER AND SANTERIAL FOR SANTER WITH SANDY PLOYABC COMPACTION TESTS AT 2 INTERNALS. CONTRACTOR SHALL OPT WEINTER SANDY (PL -15)TO TO TO PE EXCAVATION & COMPACT FILL TO 95% COMPACTION & REPORD E COMPACTION TESTS AT 2 INTERNALS. CONTRACTOR SHALL OPT VEININGER TO DETERMINE ELEVATION SFOR MAHOLE TOPS, WATER LINE ALLER AND BARK MATER WITH SANDY WAYE BOX ELEVATIONS, AND PREMODE LEVATION WHERE HERVATIONS FOR MARCH AND SOR MAHOLE TOPS. WATER LINE ALLER AT AN ELEVATION WHERE HERVATION TO METER WILL EXCIT TO ALL DOWN BOY BE COMPACTION TO STATE MATER AND HARD MATERIAL EAR AND REPORT HEIGHT WHEN FINISHED GRADE HAS DOWN THE IN LINE ALLER SETS AND LARDER MATALED AT AN ELEVATION WHERE HERVATION STATE METER DOX ELEVATIONS WAYE BOX ELEVATIONS, WHE BALL DE ALLER AND HARDER HERVATION STATE METER DOX ELEVATIONS AND HARDER HERVATION STATE METER DOX ELEVATIONS AND HARDER HERVATION STATE METER DOX ELEVATIONS, AND FREE HERVATION STATE METER DOX ELEVATIONS FOR MATERIAL SAND LARDER HERVATILED AT AN ELEVATION WHERE HYDRANT SAND HARDER HERVATING AND SAND SON AND REPORTED HERVATING MATERIAL SAND HARDER HERVATING AND SAND HARDER HERVATING AND HARDER AND HERVATING AND HARDER AND HARDER HERVATING AND HARDER HERVATING AND HARDER HERVATING AND HA	LAKE POINTE ESTATES PHASE II	SEWER PLAN
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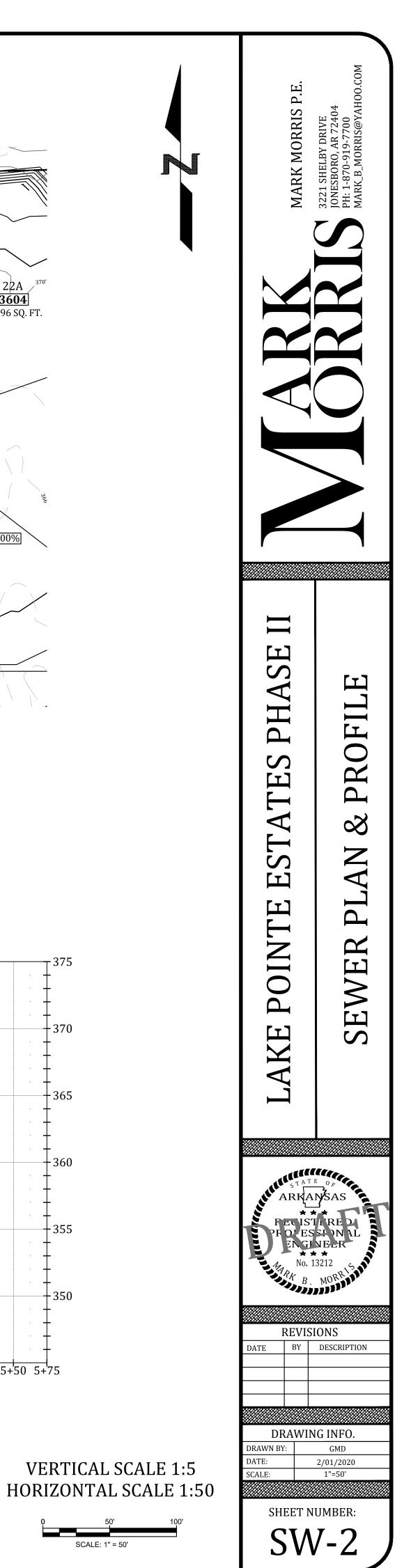
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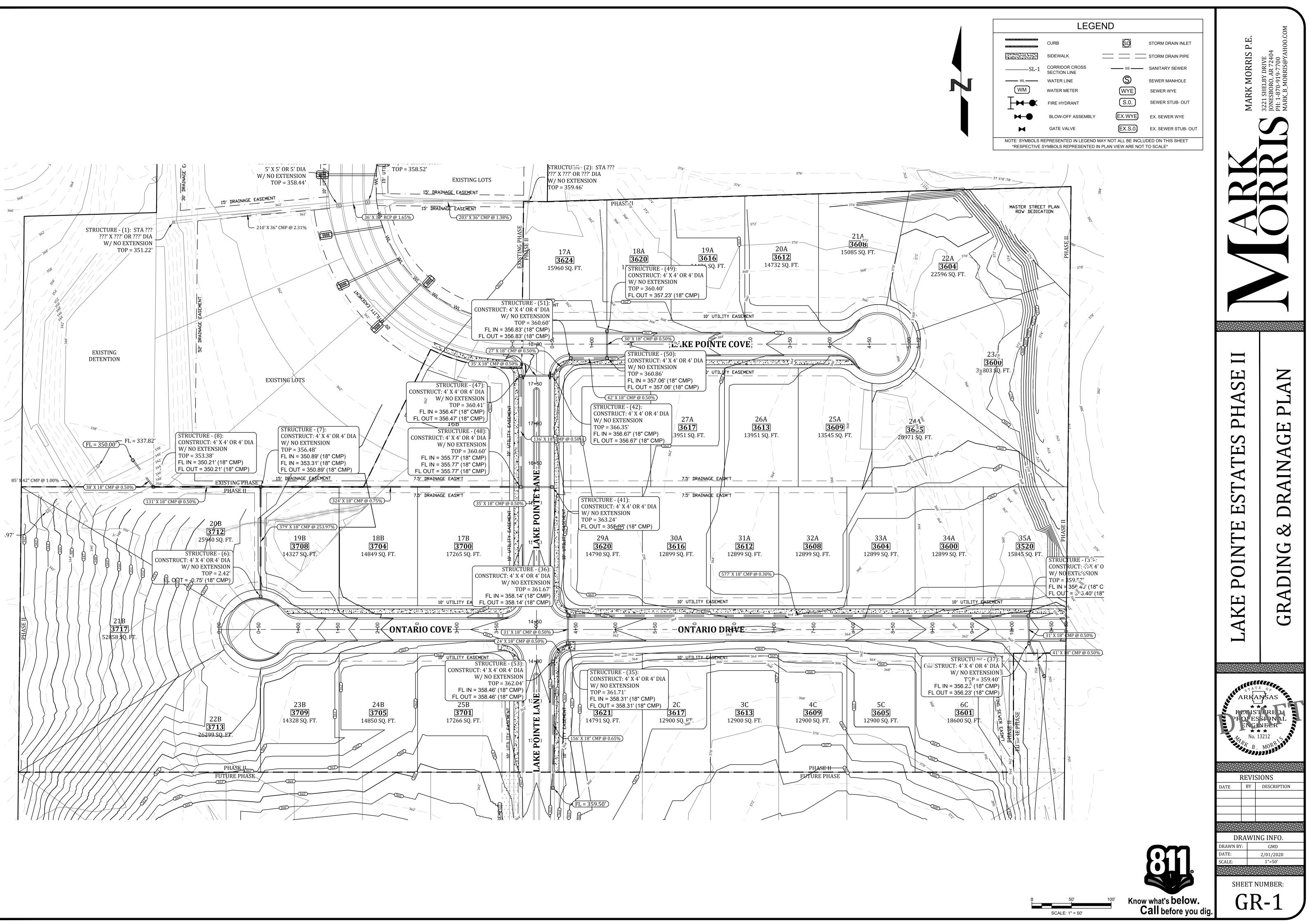




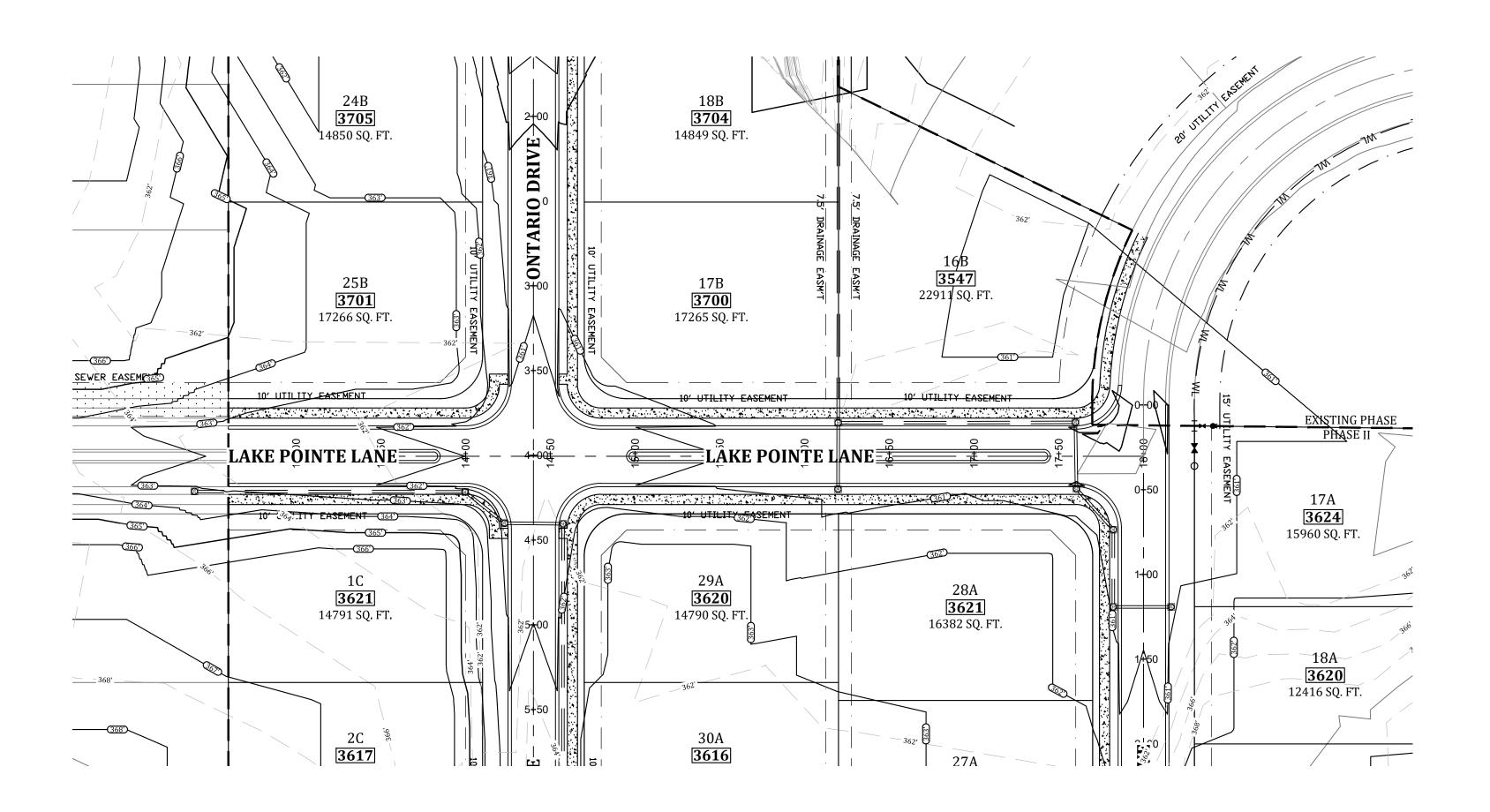
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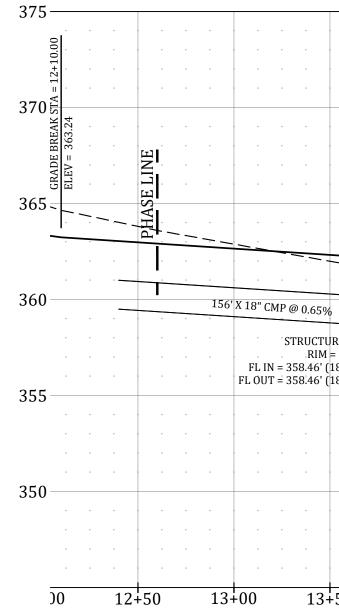
VERTICAL SCALE 1:5

SCALE: 1" = 50'



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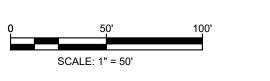


LAKE POINTE LANE

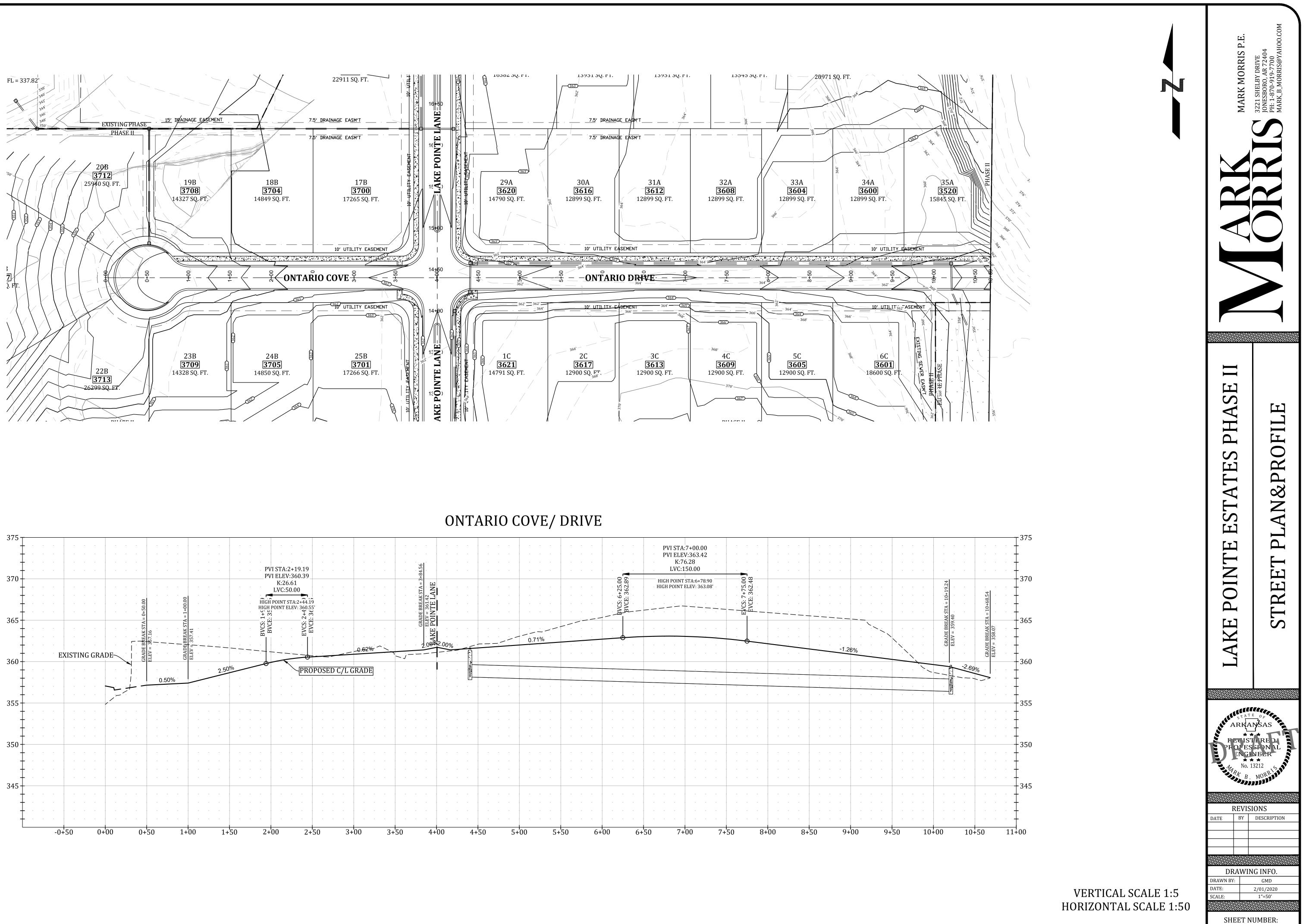
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ГURE - (53) M = 362.04'			FL OUT = 358.31' (18" CMP)		B" CMP)				+
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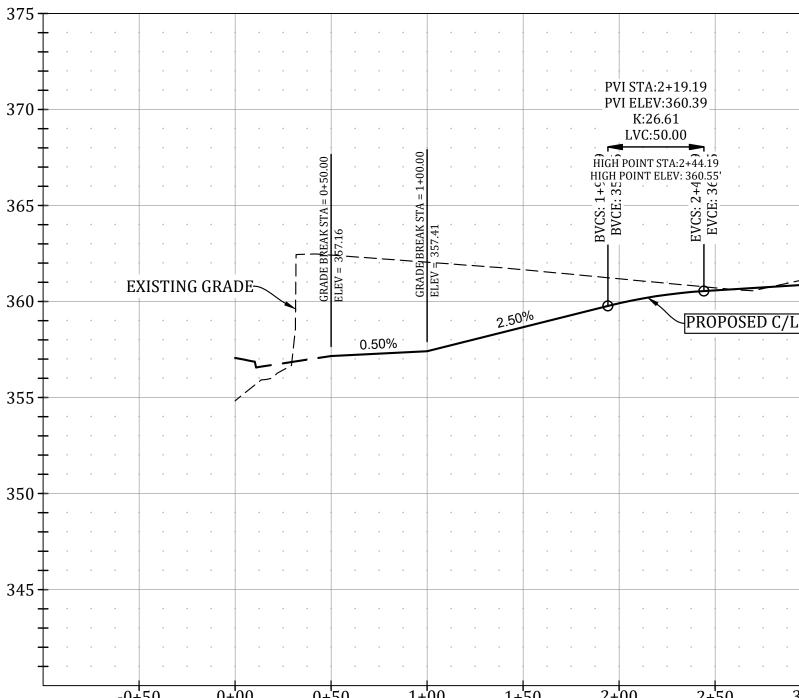
	MARK MORRIS P.E.	3221 SHELBY DRIVE JONESBORO, AR 72404 PH: 1-870-919-7700 MARK_B_MORRIS@YAHOO.COM
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VERTICAL SCALE 1: HORIZONTAL SCALE 1



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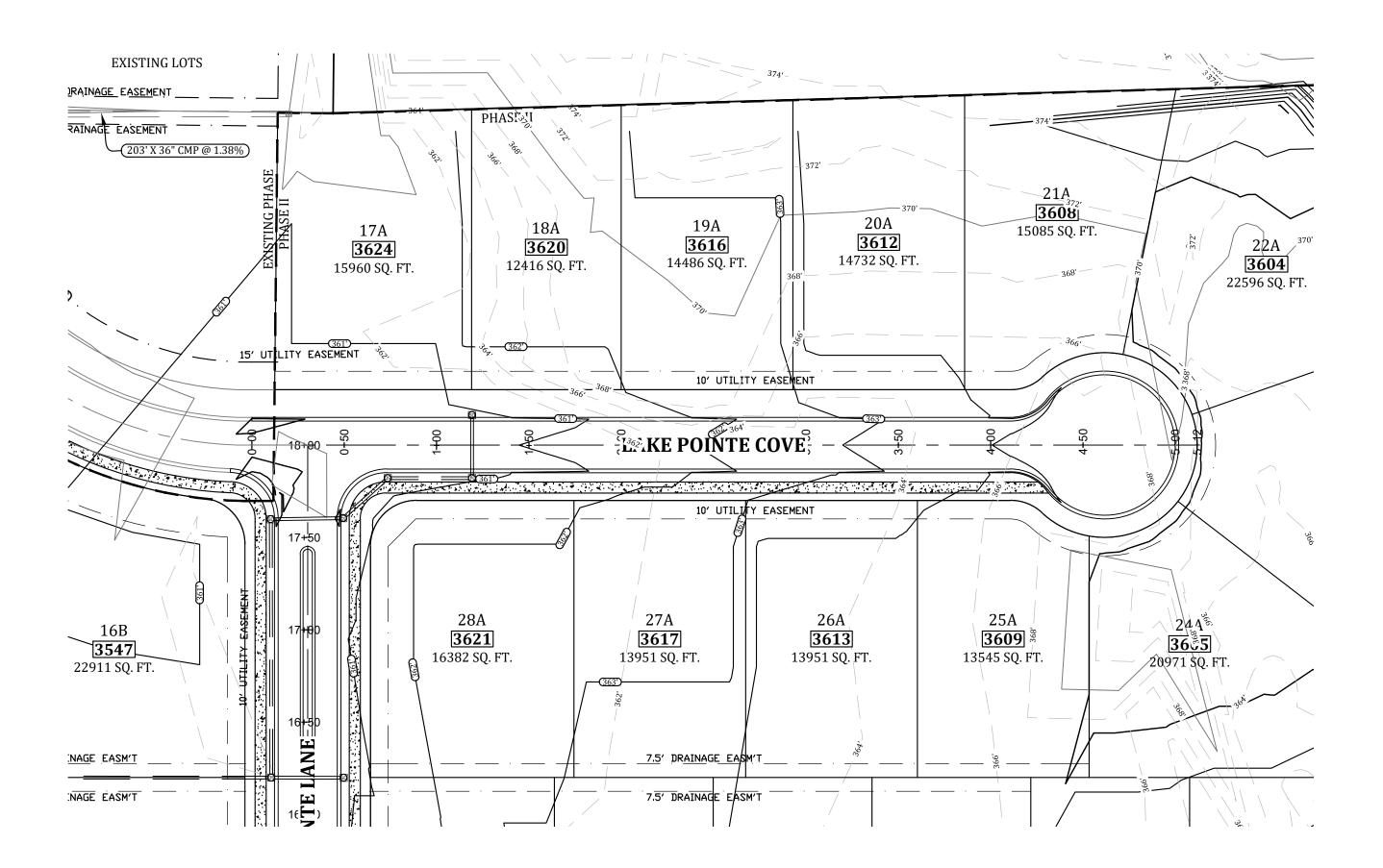


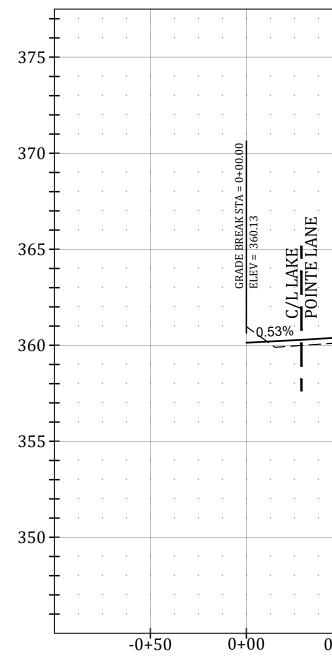
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SCALE: 1" = 50'

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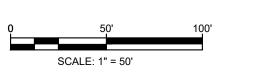


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	MARK MORRIS P.E.	3221 SHELBY DRIVE JONESBORO, AR 72404 PH: 1-870-919-7700 MARK_B_MORRIS@YAHOO.COM
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VERTICAL SCALE 1: HORIZONTAL SCALE



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