

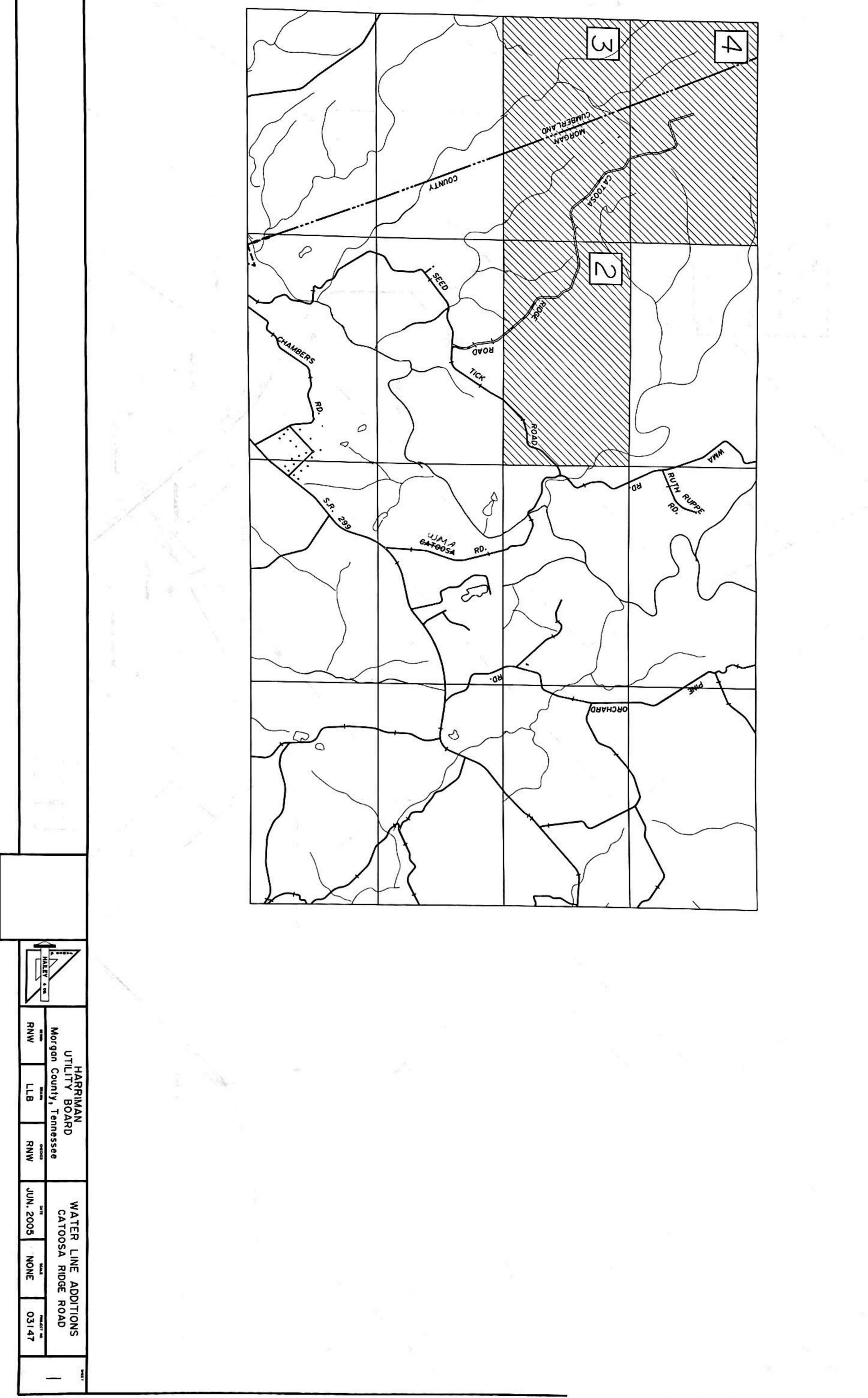
JAMES HAILEY œ

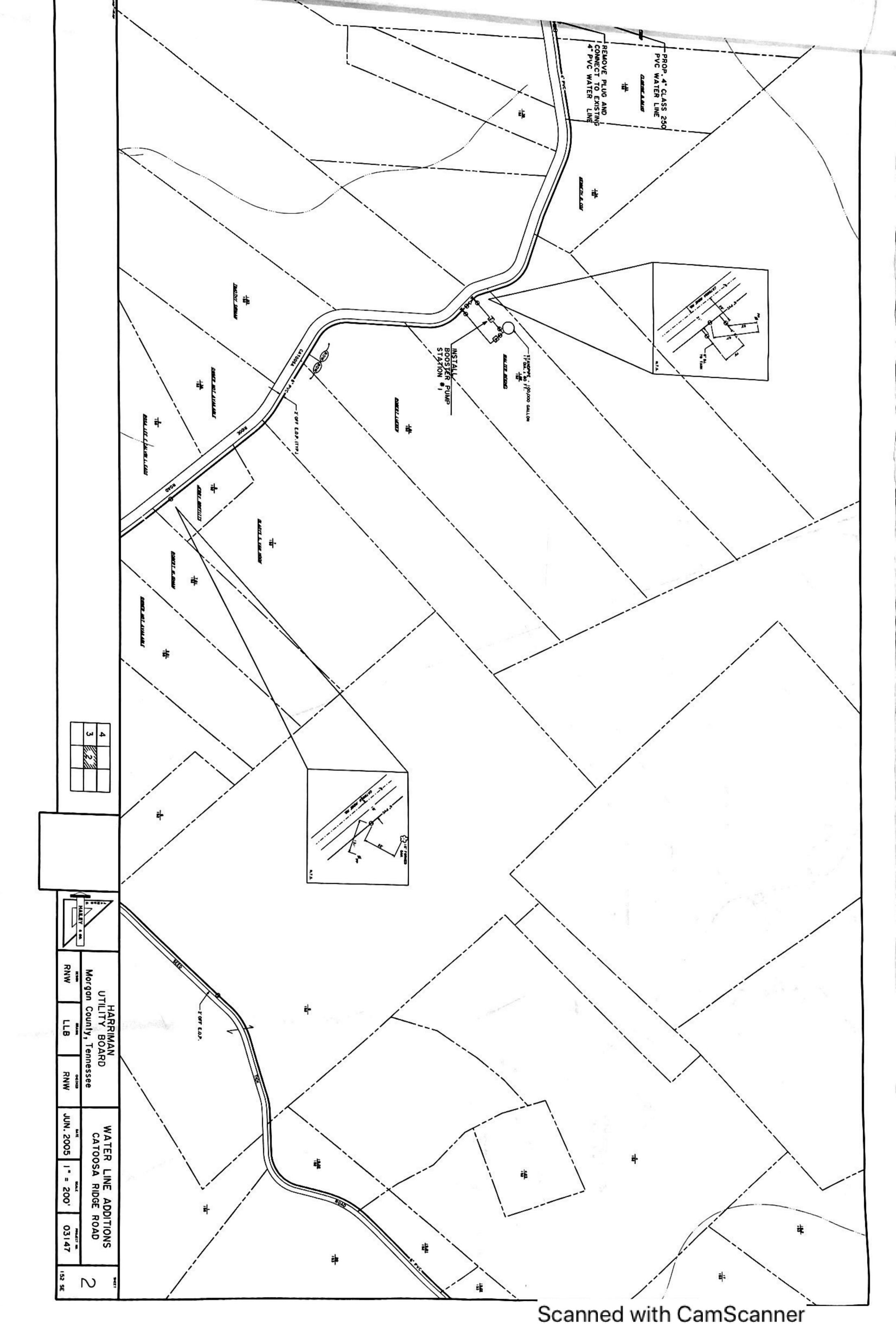
> 2622 **EBANON** ROAD SUITE

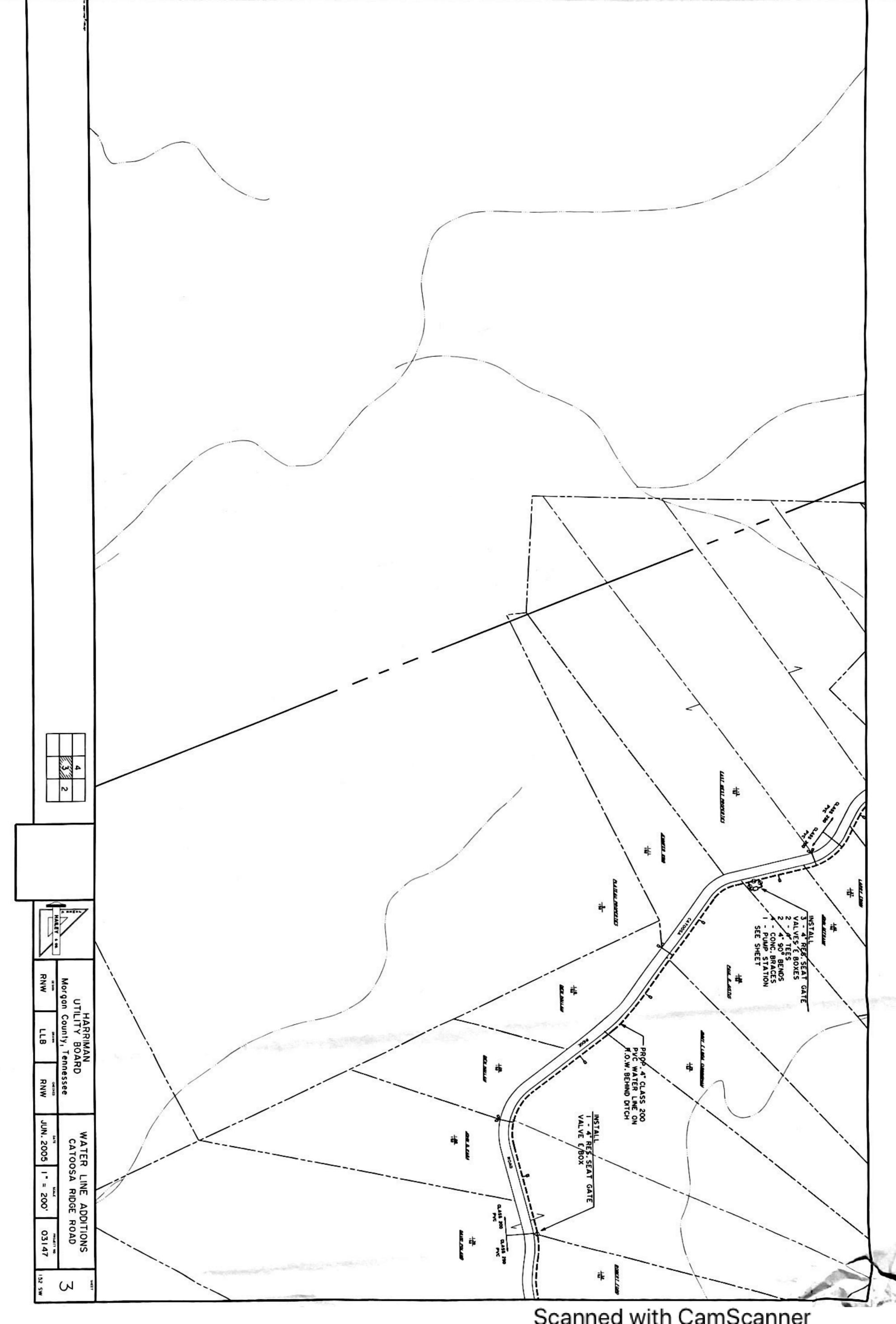


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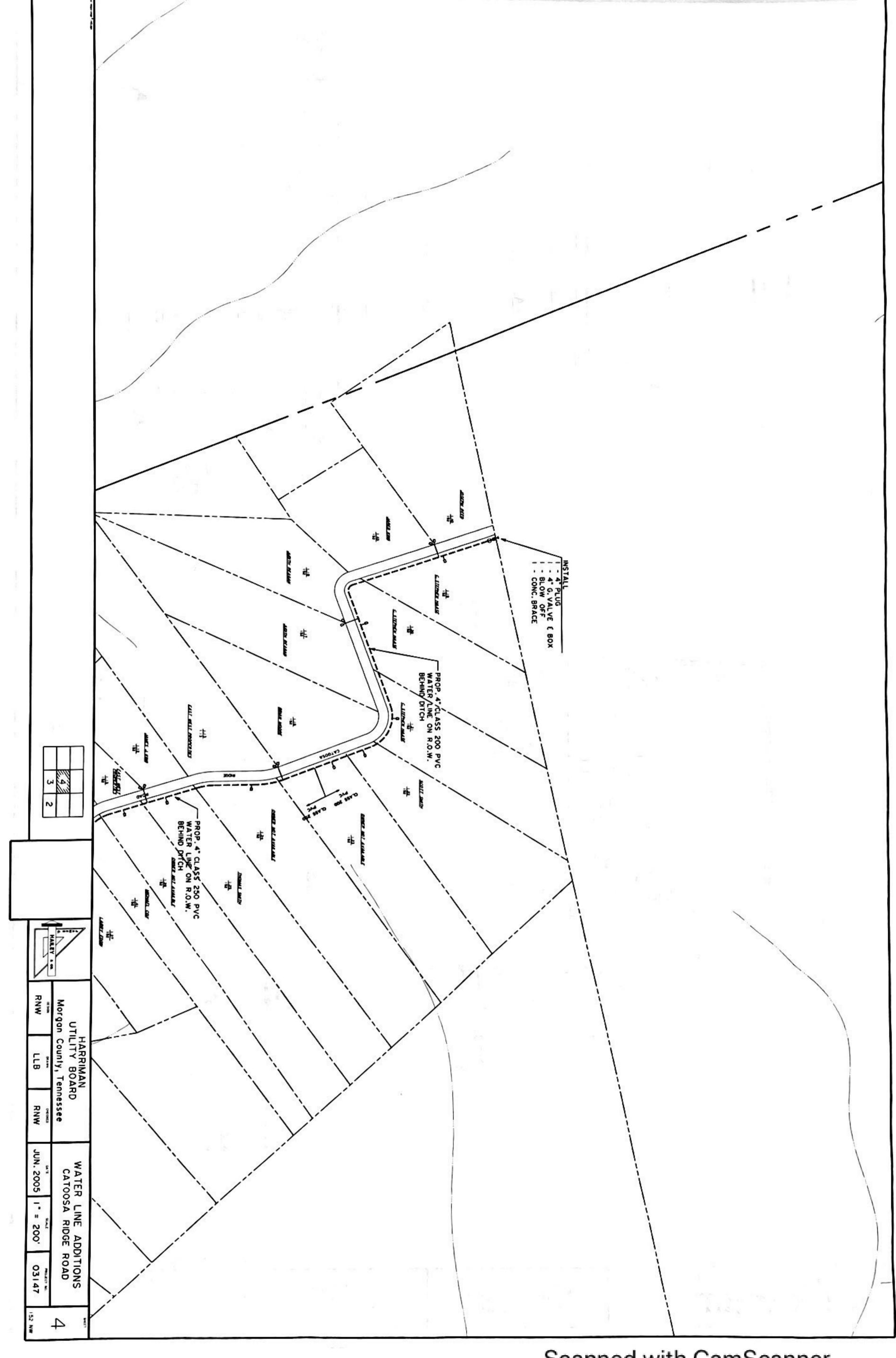
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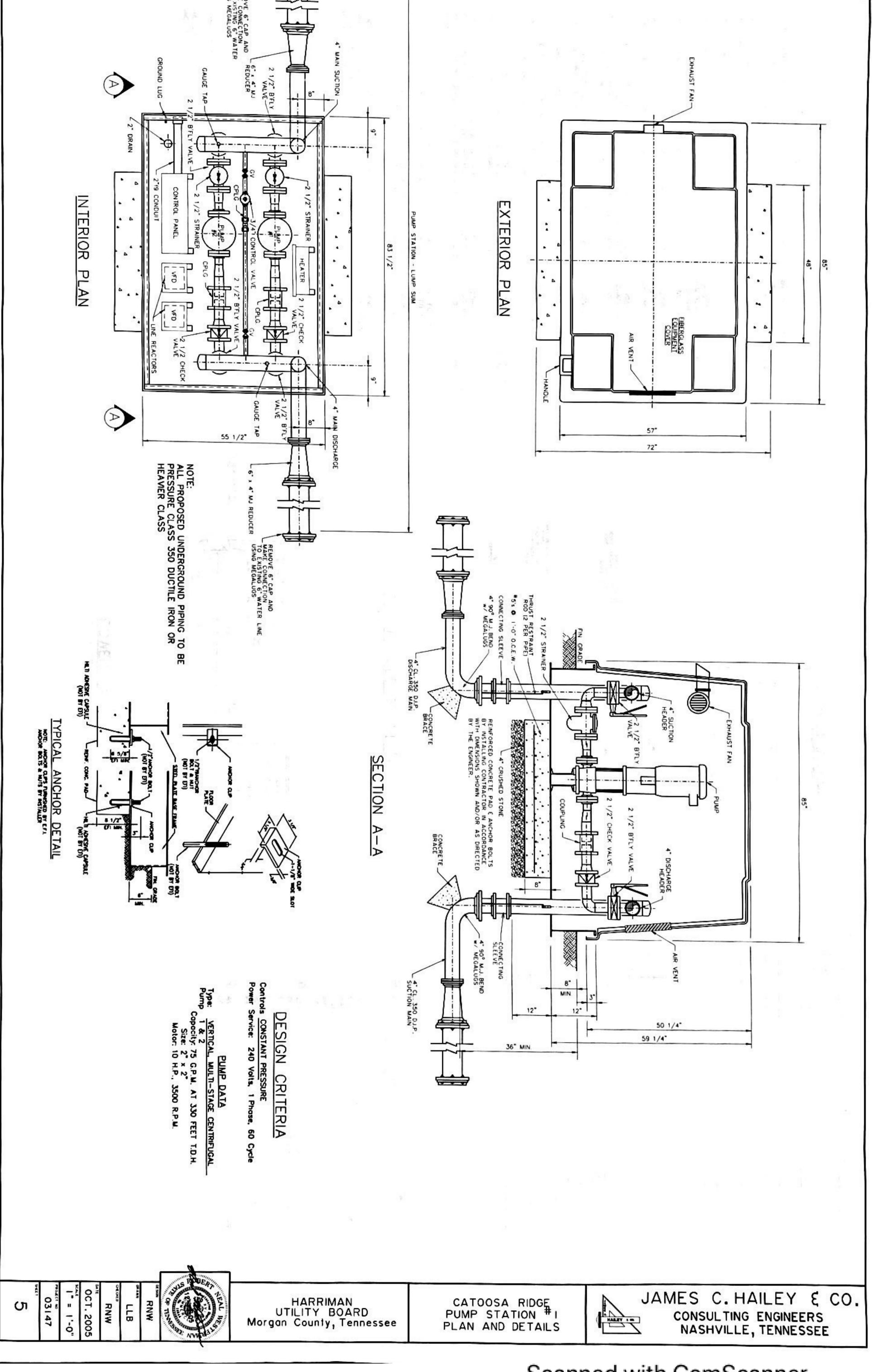




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SPECIFICATIONS

THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL DESIGN AND ARRANGEMENT OF THE PROPOSED WORK. THE CONTRACTOR SHALL NOT SCALE DRAWINGS FOR THE EXACT LOCATION OF EQUIPMENT AND WORK. THE EXACT LOCATION OF ALL PANELS AND EQUIPMENT TO BE CONFIRMED BY THE OWNER. THE CONTRACTOR SHALL VERIFY ALL EXISTING AND PROPOSED WORK TO INSURE PROPER INSTALLATION BEFORE FABRICATING AND INSTALLING

WIRING SHALL BE TYPE THHN/THWN (90° C.) COPPER CONDUCTORS

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ALL CONDUIT SHALL BE STANDARD RIGID GALVANIZED STEEL EXCEPT WHERE NOTED OTHERWISE ON THE DRAWINGS AND SPECIFIED HEREIN. USE PVC SCHEDULE 40 WHEN RUN UNDERGROUND. USE ON RIGID GALVANIZED WHEN EXPOSED. WHEN PVC CONDUIT IS USED, TURN UP RIGID GALVANIZED ELBOWS AND PROVIDE EQUIPMENT GROUNDING CONDUCTOR IN ACCORDANCE WITH NEC ARTICLE 250.

HIQUID TIGHT FLEXIBLE CONDUIT SHALL BE OF FLEXIBLE STEEL, SINGLE STRIP TYPE, MILD STEEL CONTINUOUS LENGTH OF UNIFORM WEIGHT AND THICKNESS WITH OUTER LIQUID TIGHT COVERING. MINIMUM SIZE SHALL BEY, EXCEPT AS PERMITTED BY THE NEC.

CONDUIT SHALL BE RUN PARALLEL OR PERPENDICULAR TO WALLS, CELINGS, BEAMS OR COLUMNS, ETC. CONDUIT SHALL BE ADEQUATELY SUPPORTED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODES REQUIREMENTS. NO DONDIT SHAL BE USPPORTED BY THE EQUIPMEENT TO WHICH IT IS CONNECTED.

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ALL ELECTRICAL EQUIPMENT SUPPROTS AND CONDUIT SUPPORTS, ANCHORS, BOLTS, SCREWS, AND MOUNTING HARDWAREE INCLUDING UNISTRUT, ANGLE IRON, AND STRUCTURAL MEMBERS SHALL BE STAINLESS STEEL OR ALUMINUM.

PANELBOARDS SHALL BE FACTORY ASSEMBLED, DEAD FRONT TYP WITH COPPER BUS, LUGS, FINISH TRIM NEMA TYPE 3R AND THERMAL-MAGNETIC MOLDED CASE CIRCUIT BREAKERS OF FRAME AND TRIP RATINS SSHOWN ON THE PLANS AS MANUFACTURED BY SQUARE D, ITE OR CUTLER SAFETY SWITCHES SHALL BE HEAVY DUTY TYPE, QUICK AMKE, QUICK BREAK WITH INTERLOCKING COVER. PROVIDE NEMA 4X, STAINLESS STEEL ENCLOSURE OR NEMA 3R ENCLOSURE AS NOTED ON THE PLANS. PROVIDE EQUIPMENT GROUND LUG IN EACH SWITCH.

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PANELBOARDS, POWER PANELS, SAFETY SWITCHES AND OTHER ELECTRICAL EQUIPMENT SHALL BE EQUIPPED WITH ENGRAVED LAMINATED PLATES SECURELY MOUNTED WITH SCREWS.

PANELBOARDS SHALL BE LABED PER THE DRAWING INDENTIFYING THE BRANCH CIRCUITS ALL STARTERS, CIRCUT BREAKERS, AND DISCONNECT SWITCHES, ETC. SHALL IDENTIFY THE LOAD BEING FED.

THE ELECTRICAL CONTRACTOR SHALL REMOVE ALL EXISTING MATERIALS AND EQUIPMENT MADE OBSOLETE BY, AND INTERFERING WITH THE ADDITIONS, ALTERATIONS, OR RAZING AS SHOWN ON THE PLANS AND SPECIFIED. MAINTAIN SUCH EXISTING EQUIPMENT AND MATERIALS INTACT AND IN EXISTING CONDITION IN SO FAR AS POSSIBLE.

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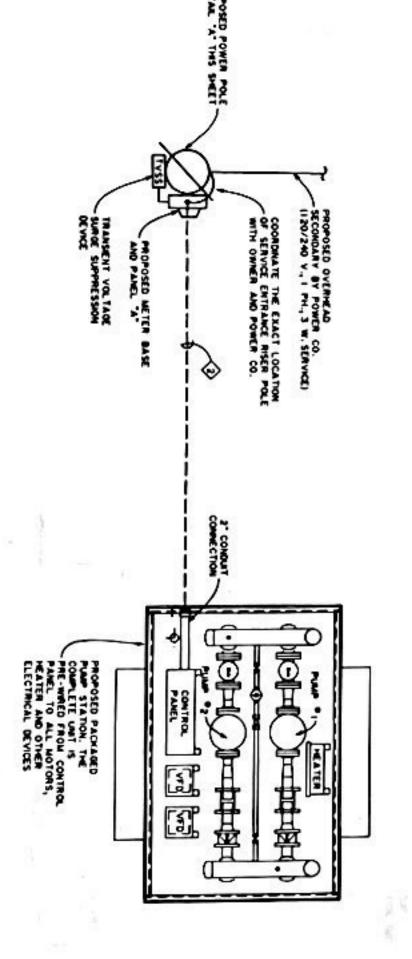
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ALL CONDUITS SHALL HAVE INSTALLED A GREEN EQUIPMENT GROUNDING CONDUCTOR WHICH SHALL BE ATTACHED TO ALL FIXTURES, PANELS, DEVICES, ETC.

THE CONTRACTOR SHALL WARRANTY ALL WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE BY THE OWNER.

ø WEATHERHEAD MOUNTED PER SUPPLY COMDUCTORS LONG ENOUGH TO REACH POWER CO. CABLE SUPPLED AND INSTALLED BY SUPPLED AND INSTALLED BY METER BASE TO OBTAINED FROM POWER COMPANY & RISTALLED BY CONTRACTOR METER BY POWER CO

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AYOUT

ALL EQUIPMENT AND APPURTEN POLE DETAIL SHALL BE FURNIS BY ELECTRICAL CONTRACTOR IN NOTED.

ALL CONDUIT ROUTING SHOWN IS ELECTRICAL CONTRACTOR SHALL RACEWAY INSTALLATIONS WITH AVOID INTERFERENCES WITH STR MAINTAIN APPROX. 24" CLEARANC CONDUIT AND ALL STRUCTURES.

CONFIRM SERVICE ENTRANCE IN CO. AND COMPLY WITH NECESS. COMPANY IS ROCKWOOD ELECT

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MOTOR W/ APPROXIMATE HORSEPOWER	Q
COMBINATION STARTER AND DISCONNECT	X
MOTOR CONTROLLER OR STARTER, MAGNETIC	M
DISTRIBUTION PANEL	dillillilli.
DISCONNECT SWITCH, NON-FUSIBLE, RAINTIGHT, 30 AMP / 3 POL	18 4 State
DISCONNECT SWITCH, FUSIBLE, 30 AMP / 3 POLE	ا ا
DUPLEX RECEPTACLE, GROUND FAULT INTERRUPTER TYPE	9
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DUPLEX RECEPTACLE - MTD. HT. PER SPECS.	P
MANUAL MOTOR SWITCH W/ THERMAL PROTECTION	Sus
SINGLE POLE SWITCH, 20 AMP, MTD. HT. PER SPECS.	S
JUNCTION BOX	Θ
WEATHERPROOF CABLE	3
FLEXIBLE CONDUIT	0000000
CONDUIT EXPOSED ON WALL OR CEILING	
CONDUIT CONCEALED IN FLOOR SLAB OR UNDERGROUND)/
CONDUIT CONCEALED IN WALL OR CEILING	
DESCRIPTION	SYMBOL
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11/4" C., 3 - #3/0 THHN/THWN CU. E 1 - #4 THHN/THWN CU. GND.	⊗
11/4" C., 3 - *4 THHN/THWN CU.	⇔
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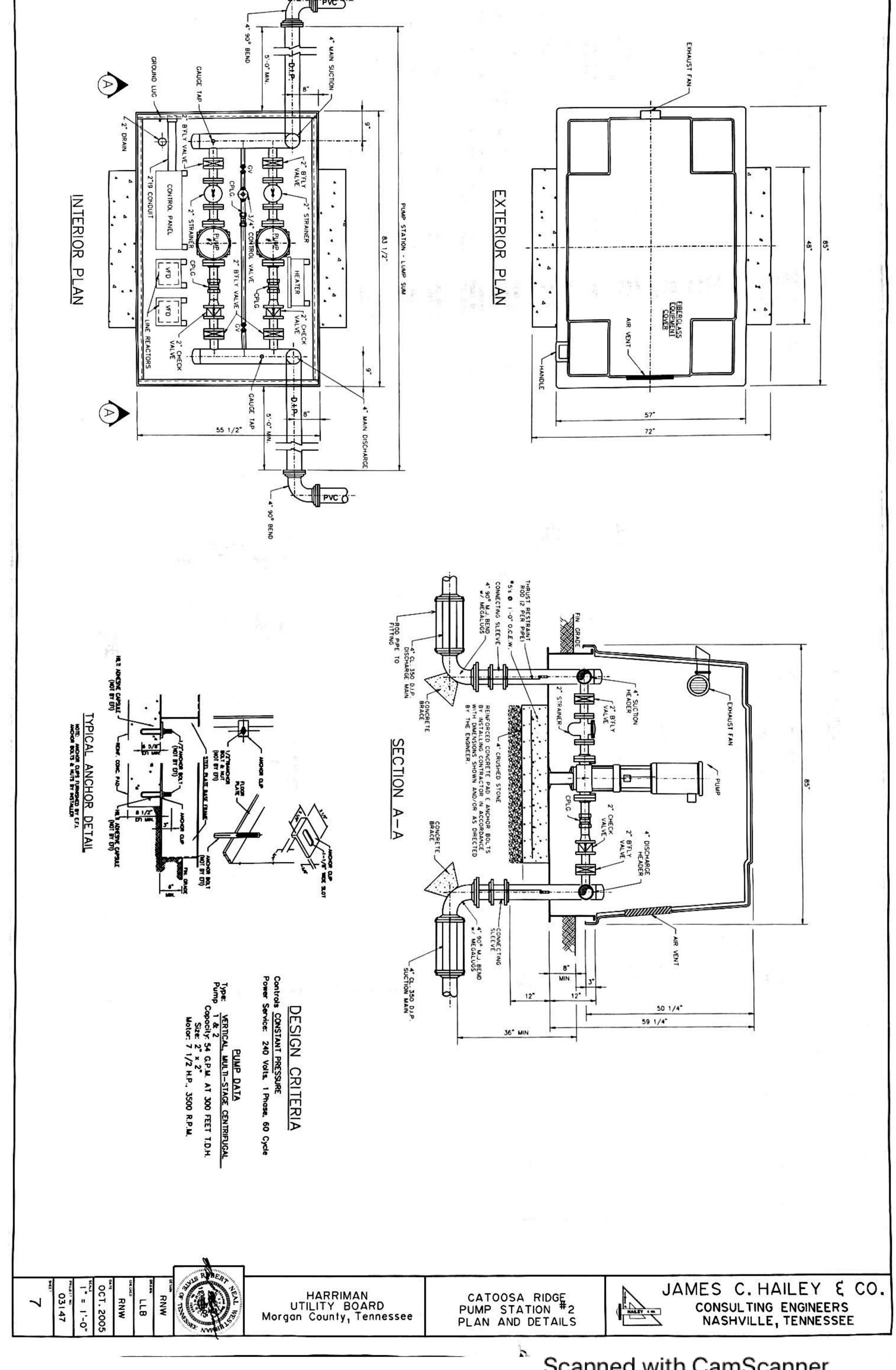
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HARRIMAN UTILITY BOARD Morgan County, Tennessee CATOOSA RIDGE PUMP STATION # I POWER LAYOUT

DESIGNATES NOTE NUMBER
DESIGNATES CONDUIT & WIRE DESCRIPTION PER SCHEDULE

JAMES C. HAILEY & CONSULTING ENGINEERS NASHVILLE, TENNESSEE



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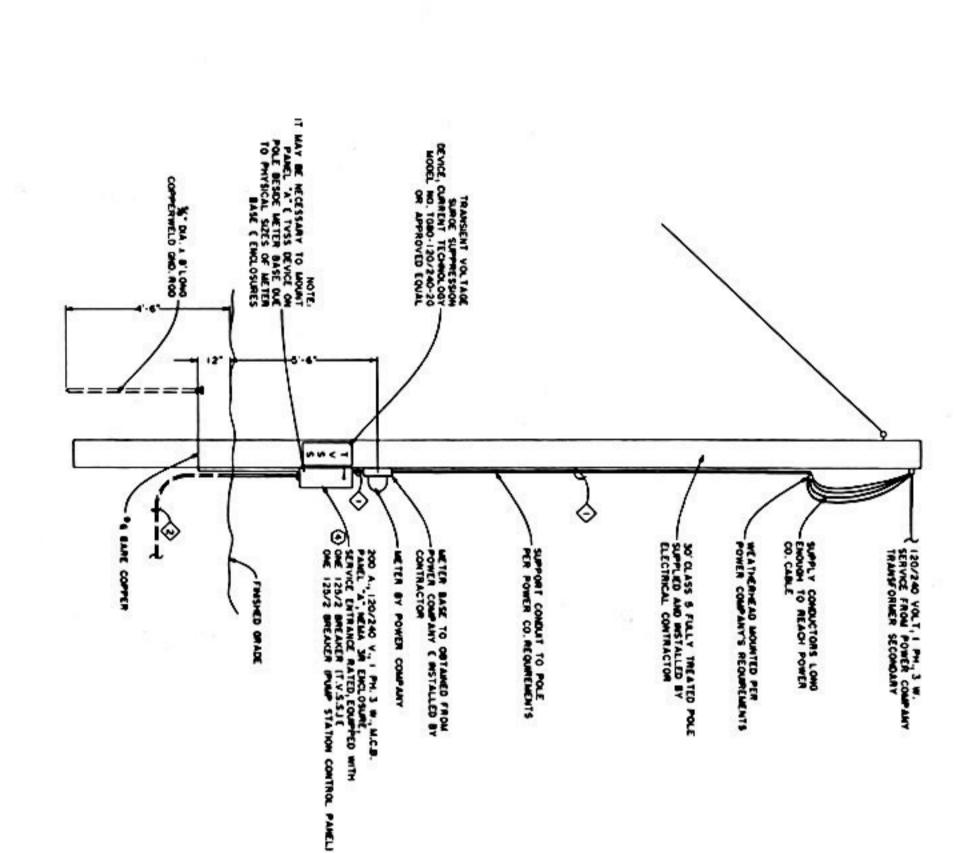
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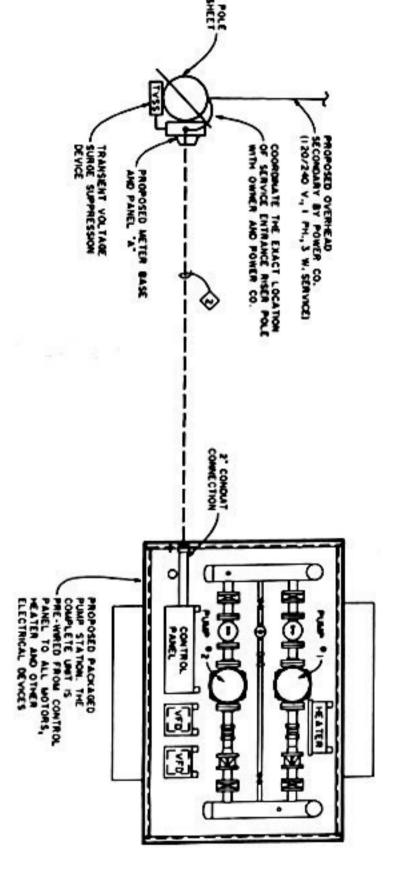
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	CONDUIT & WIRE DESIGNATION SCHEDULE	MATION	SSS	RE (×	1	8	ဂ		5000

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DESIGNATES NOTE NUMBER	0
WOOD POLE	Ø
MOTOR W/ APPROXIMATE HORSEPOWER	Q
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HARRIMAN UTILITY BOARD

JAMES C. HAILEY & CO. CONSULTING ENGINEERS NASHVILLE, TENNESSEE

Morgan County, Tennessee

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