CONSTRUCTION PLANS FOR:

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, INDIANA 47357

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NOTE: SHEETS C100, C110, C111, C115, C116, C117, C203, AND C204 HAVE BEEN OMITTED FROM THE SET AS THEY WERE CONSTRUCTED AS A PART OF THE FY2024 SRF PROJECT. THEY ARE NOT MISSING SHEETS.

REVISIONS :

REVISION #	REVISION DESCRIPTION	DATE

FLOOD NOTE:
THE ACCURACY OF ANY FLOOD HAZARD DATA SHOWN ON THESE PLANS IS SUBJECT TO MAP SCALE UNCERTAINTY AND TO ANY OTHER UNCERTAINTY IN LOCATION OR ELEVATION ON THE REFERENCED FLOOD INSURANCE RATE MAP. THE WITHIN DESCRIBED TRACT OF LAND LIES WITHIN FLOOD HAZARD ZONE AE AS SAID TRACT PLOTS BY SCALE ON COMMUNITY PANEL NUMBER 0217E DATED 04/02/2015 FOR THE FLOOD INSURANCE RATE MAPS FOR WAYNE COUNTY, INDIANA (UNINCORPORATED AREAS 180592).

DISCLAIMER:
EXISTING CONDITIONS/SURVEY INFORMATION PROVIDED BY COOR CONSULTING. RQAW IS NOT RESPONSIBLE FOR THE ACCURACY OF THE EXISTING CONDITION/SURVEY INFORMATION PROVIDED. CONTRACTOR TO FIELD VERIFY LOCATION AND SIZES OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND CONTACT ENGINEER AND OWNER IF DISCREPANCIES OCCUR.

Indiana 811
Know what's below. Call before you dig.

CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-382-5544
CALL TOLL FREE
PER INDIANA STATE LAW IC8-1-26.
IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

PLANS PREPARED FOR:

TOWN OF MILTON
101 NORTH CENTRAL AVE
MILTON, IN 47357
TELEPHONE: (765) 478-3818
CONTACT PERSON: AMY SMITH, CLERK TREASURER
MILTONCLERKTREASURER@YAHOO.COM

PLANS PREPARED BY:

RQAW | DCCM
8770 NORTH STREET, SUITE 110
FISHERS, INDIANA 46038
TELEPHONE: (317) 588-1784
CONTACT PERSON: WHITNEY WEIDENBENNER
EMAIL: WWEIDENBENNER@DCCM.COM

SITE VICINITY MAP

NOT TO SCALE

OPERATING AUTHORITIES

SANITARY SEWER
MILTON UTILITIES
101 NORTH CENTRAL AVE
MILTON, IN 47357
TELEPHONE: (765) 478-3818

STORM SEWER
MILTON UTILITIES
101 NORTH CENTRAL AVE
MILTON, IN 47357
TELEPHONE: (765) 478-3818

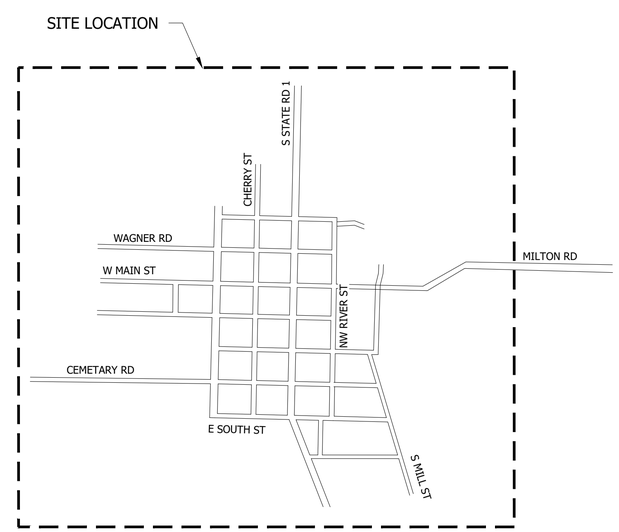
WATER
MILTON UTILITIES
101 NORTH CENTRAL AVE
MILTON, IN 47357
TELEPHONE: (765) 478-3818

ELECTRIC
DUKE ENERGY
4632 GATES RD
CENTERVILLE, IN 47330
TELEPHONE: (800) 521-2232

GAS
CENTERPOINT ENERGY
2150 HINES RD
MUNCIE, IN 47302
TELEPHONE: (800) 227-1376

COMMUNICATIONS
FRONTIER
1191 RICH RD
RICHMOND, IN 47374
TELEPHONE: (765) 270-2220

COMMUNICATIONS
COMCAST
4706 NATIONAL RD E
RICHMOND, IN 47374
TELEPHONE: (800) 934-6489



SITE LOCATION MAP

NOT TO SCALE

RQAW
DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1
DESIGNED BY: WMW
DRAWN BY: RLH
CHECKED BY: WMW
DATE: 12/16/2024

WHITNEY M. WEIDENBENNER
REGISTERED
No. PE12300447
STATE OF INDIANA
PROFESSIONAL ENGINEER

TITLE SHEET

G001

GENERAL NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS FOR THIS PROJECT. ADDITIONS, DELETIONS, AND/OR REVISIONS SHALL NOT BE MADE WITHOUT PRIOR APPROVAL BY THE ENGINEER. KEEP AND MAINTAIN IN GOOD CONDITION A COMPLETE SET OF THE CONTRACT DOCUMENTS ON THE JOB SITE AT ALL TIMES.
2. ALL WORK SHALL COMPLY WITH LOCAL, STATE, AND FEDERAL CODES, ORDINANCES, RULES, REGULATIONS, ORDERS, AND OTHER LEGAL REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.
3. IN THE EVENT THAT THE CONTRACTOR DISCOVERS A DISCREPANCY IN THE CONTRACT DOCUMENTS OR POTENTIAL UTILITY CONFLICT, NOTIFY THE ENGINEER IMMEDIATELY FOR CLARIFICATION PRIOR TO PROCEEDING WITH THE CONSTRUCTION OF THE PORTION OF THE WORK IN QUESTION. FIELD LOCATE ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. VERTICAL AND HORIZONTAL LOCATIONS TO BE CONFIRMED. ANY NECESSARY PIPE MODIFICATIONS SHALL BE MADE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
4. CONSTRUCTION SHALL NOT COMMENCE UNTIL ALL LOCAL NECESSARY PERMITS HAVE BEEN OBTAINED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING, OR VERIFYING, THAT ALL PERMITS AND APPROVALS ARE OBTAINED FROM THE RESPECTIVE CITY, COUNTY, AND STATE AGENCIES PRIOR TO STARTING CONSTRUCTION.
5. ALL RIGHT-OF-WAY AND PROPERTY LINES AND EASEMENTS ARE APPARENT AND WERE DETERMINED BASED UPON AVAILABLE INFORMATION. VERIFY ALL RIGHT-OF-WAY AND PROPERTY LINES. STAKE ALL RIGHT-OF-WAY, PROPERTY, AND EASEMENT LINES THROUGHOUT THE DURATION OF CONSTRUCTION.
6. CONSTRUCTION STAKING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. PROPERTY LINES AND RIGHT-OF-WAY SHALL BE STAKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES.
7. PROTECT ALL EXISTING UTILITIES FROM DAMAGE, IN A MANNER APPROVED BY THE UTILITY COMPANIES AND THE ENGINEER. COORDINATE WITH UTILITY COMPANIES AS NECESSARY TO COMPLETE THE WORK. PROTECT BENCH MARKS, SURVEY CONTROL POINTS, AND EXISTING STRUCTURES FROM UNNECESSARY DAMAGE OR DISPLACEMENT.
8. PROVIDE ALL AUTOMOBILE AND PEDESTRIAN TRAFFIC CONTROL DEVICES REQUIRED BY FEDERAL, STATE, OR LOCAL AGENCIES. THE AMOUNT, LOCATION, AND SIZE SHALL BE AS REQUIRED IN ACCORDANCE WITH MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
9. DURING CONSTRUCTION IT MAY BE NECESSARY TO TRIM OR REMOVE A TREE WITHIN THE RIGHT-OF-WAY OR AN EASEMENT. NOTIFY THE ENGINEER, OWNER, AND ANY AFFECTED PROPERTY OWNER PRIOR TO ANY REQUIRED TREE REMOVAL. TREE TRIMMING AS REQUIRED WITHIN THE RIGHT-OF-WAY OR EASEMENT SHALL BE MINIMIZED. NO ADDITIONAL COMPENSATION WILL BE PROVIDED FOR TREE REMOVAL OR TRIMMING.
10. ALL DISTURBED AREAS, INCLUDING, BUT NOT LIMITED TO, STREETS, DRIVES, WALKS, LAWNS, FENCES, RETAINING WALLS, ETC. SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.
11. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE ALL MUD, DIRT, GRAVEL, AND ANY OTHER MATERIALS TRACKED ONTO ANY PUBLIC OR PRIVATE STREETS, PARKING LOTS, OR WALKS. THIS MATERIAL REMOVAL OR SWEEPING OF THE STREETS SHALL BE DONE AS FREQUENTLY AS NECESSARY TO MAINTAIN AREAS REASONABLY CLEAN. AIRBORNE DUST SHALL BE KEPT TO A MINIMUM BY USING WATER OR OTHER METHODS AS NECESSARY.
12. PROVIDE TEMPORARY GRASS SEED WITHIN 7-DAYS OF ALL EARTH DISTURBING ACTIVITIES.
13. PROVIDE AND MAINTAIN ALL NECESSARY STRAW BALES, FILTER FENCE, INLET PROTECTION ETC. IN EXISTING AND PROPOSED DITCHES, CULVERTS, STORM PIPES, AND DRAINAGE STRUCTURES TO PREVENT DAMAGE. BIO-DEGRADABLE EROSION CONTROL DEVICES SHOULD BE PLACED IN ALL DISTURBED DRAINAGE DITCHES WITH DEPTHS GREATER THAN 12".
14. REGRADE AREAS AS NECESSARY WITHIN THE CONSTRUCTION LIMITS TO ALLOW PROPER DRAINAGE TO EXISTING STORM SEWER STRUCTURES.
15. MAINTAIN 10'-0" HORIZONTAL AND 1'-6" VERTICAL SEPARATION FROM STORM AND SEWER MAIN, UNLESS SPECIFICALLY NOTED IN THE PLANS.
16. PROVIDE FILL AROUND PROPOSED AND EXISTING PIPING AT ALL OPEN-CUT UTILITY CROSSINGS TO ADEQUATELY SUPPORT AND PROTECT EACH CONDUIT.
17. PRESERVE EXISTING RIGHT-OF-WAY MARKERS. IF RIGHT-OF-WAY MARKERS ARE DISTURBED, RESET MARKERS AT NO ADDITIONAL COST TO THE OWNER.
18. CALL LOCAL UTILITY LINE INFORMATION SERVICE NOT LESS THAN THREE WORKING DAYS BEFORE PERFORMING WORK. REQUEST UNDERGROUND UTILITIES TO BE LOCATED AND MARKED WITHIN AND SURROUNDING CONSTRUCTION AREAS. IDENTIFY REQUIRED LINES, LEVELS, CONTOURS, AND DATUM LOCATIONS.
19. ESTABLISH TEMPORARY TRAFFIC CONTROL LAND DETOURS WHEN TRENCHING IS PERFORMED IN PUBLIC RIGHT-OF-WAY. RELOCATE CONTROLS AND REROUTE TRAFFIC AS REQUIRED DURING PROGRESS OF WORK.
20. DO NOT LEAVE MORE THAN 50 FEET OF TRENCH OPEN AT END OF WORKING DAY. PROTECT OPEN TRENCH TO PREVENT DANGER TO THE PUBLIC.
21. STOCKPILE EXCAVATED AND FILL MATERIALS ON SITE AT LOCATIONS APPROVED BY OWNER. STOCKPILE IN SUFFICIENT QUANTITIES TO MEET PROJECT SCHEDULE AND REQUIREMENTS. SEPARATE DIFFERENT AGGREGATE MATERIALS WITH DIVIDERS OR STOCKPILE QUANTITIES TO MEET PROJECT SCHEDULE AND REQUIREMENTS, SEPARATE DIFFERENT AGGREGATE MATERIALS WITH DIVIDERS OR STOCKPILE INDIVIDUALLY TO PREVENT MIXING. DIRECT SURFACE WATER AWAY FROM STOCKPILE SITE TO PREVENT EROSION OR DETERIORATION OF MATERIALS. STOCKPILE CLEANUP: REMOVE STOCKPILE, AND LEAVE AREA IN CLEAN AND NEAT CONDITION. GRADE SITE SURFACE TO PREVENT FREE STANDING SURFACE WATER.
22. FINAL CONTOURS: PERFORM FINISH GRADING AND BLEND INTO CONFIRMATION WITH REMAINING NATURAL GROUND SURFACES. LEAVE ALL FINISHED GRADING SURFACES SMOOTH AND FIRM TO DRAIN. FINISH GRADES TO ELEVATIONS WITHIN PLUS OR MINUS 0.10 FOOT OF EXISTING OR CONTOUR SHOWN.
23. ALL ELEVATIONS AT CONSTRUCTION LIMITS SHALL MATCH EXISTING GRADE. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT STACKED GRADES MATCH DESIGN ELEVATIONS AND POSITIVE DRAINAGE TO STORMWATER MANAGEMENT SYSTEM IS ACHIEVED. CONTACT ENGINEER IF DESIGN ELEVATIONS DO NOT PROVIDE POSITIVE DRAINAGE.
24. ALL CONNECTIONS TO EXISTING MAIN SHOULD BE MADE VIA DRY TAP WHEREVER POSSIBLE. CONTRACTOR TO COORDINATE ISOLATION AND CONNECTIONS WITH TOWN. WET TAPS MAY BE REQUIRED IN SOME AREAS, COORDINATE WITH TOWN TO DETERMINE CONNECTION METHOD.
25. REPLACED MAIN IS TO BE CAPPED AND ABANDONED IN PLACE. FLOWABLE FILL SHALL BE USED IN ABANDONED MAIN UNDER CROSSINGS OF STATE ROAD 1.
26. STANDARD DEPTH OF BURY FOR WAYNE COUNTY IS 54".
27. PLEASE NOTE THAT TREE REMOVAL AND REPLACEMENT AT ANY POINT WHERE NECESSARY FOR THE WATER MAIN ALIGNMENT AS SHOWN IS REQUIRED WITHIN THE CONTRACTOR'S LINEAR UNIT PRICE.

CIVIL/PROCESS LEGEND

LINE TYPE	CIVIL TYPE
	CONSTRUCTION LIMITS
XX' SETBACK	SET BACK
R/W	RIGHT OF WAY
SF SF	SILT FENCE
	HAY BALE/ ROCK CHECK DAM
	EASEMENT
	PROPERTY LINE
870	EXISTING MAJOR CONTOURS
868	EXISTING MINOR CONTOURS
FO FO	EXISTING FIBER OPTIC
SS	EXISTING SANITARY SEWER
ST	EXISTING STORM SEWER
W W	EXISTING WATER MAIN
OHE OHE	EXISTING OVERHEAD ELECTRIC
E E	EXISTING ELECTRIC
T T	EXISTING TELEPHONE
GAS GAS	EXISTING GAS LINE
X X	EXISTING FENCE
	TREE LINE
COM COM	EXISTING COMMUNICATIONS CABLE
SS	PROPOSED SANITARY SEWER
ST	PROPOSED STORM SEWER
W W	PROPOSED WATER MAIN
W W	PROPOSED WATER MAIN - SEE REF.
870	PROPOSED MAJOR CONTOURS
868	PROPOSED MINOR CONTOURS
LINE TYPE	PROCESS TYPE
SBD SBD	SLUDGE BLOWDOWN
RW RW	RAW WATER
FW FW	FINISHED WATER
BWS BWS	BACKWASH SUPPLY
FWW FWW	FILTERED WASTEWATER

SYMBOLS

ST	STREET LIGHTING PULL BOX		GATE VALVE
	TRAFFIC SIGNAL POST		BUTTERFLY VALVE
	BOLLARD		CHECK VALVE
PM	PHONE MANHOLE		AIR RELEASE VALVE
RD	ROOF DRAIN		BALL VALVE
	SIGN	PR	PRESSURE RELIEF VALVE
12"	TREE	BP	BACK PRESSURE VALVE
CO	SANITARY CLEANOUT		SOLENOID VALVE
	STORM CATCH BASIN	PD	PULSATIPON DAMPER
	RESIDUALS MANHOLE		PUMP
SS	SANITARY MANHOLE		ISOLATOR
ST	STORM MANHOLE		QUICK CONNECT ADAPTER
	POWER POLE		INJECTOR
E	ELECTRIC MANHOLE		STATIC MIXER
EM	ELECTRIC METER		PRESSURE GAUGE
WV	WATER VALVE	PS	PRESSURE SWITCH
	FIRE HYDRANT	PT	PRESSURE TRANSDUCER
GV	GAS VALVE		LEVEL PROBE
GM	GAS METER		STRANER
	SET 5/8" IRON ROD CAPPED	M	FLOW METER
	FOUND 1" IRON PIPE SET		SLIDE GATE
	'MAG' NAIL	M	NON-MODULATING ACTUATOR
	CUT CROSS	M MOD	MODULATING ACTUATOR
(R)	(R) RECORD		FLAP GATE
(M)	(M) MEASURE	F	FLEX COUPLING
(C)	(C) CALCULATED		FLEX TUBING
MB	MAILBOX		REDUCER/INCREASER
	YARD HYDRANT	BP	BOOSTER PUMP
CW	CONCRETE WASHOUT		TIDEFLEX VALVE

ABBREVIATIONS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
AFF	ABOVE FINISHED FLOOR	FCO	FLOOR CLEANOUT
ATR	ALL THREAD ROD	GV	GATE VALVE
AS	AQUASTAT	GLV	GLOBE VALVE
AAV	AIR ADMITTANCE VALVE	HSP	HIGH SERVICE PUMP
AC	AIR COMPRESSOR	HB	HOSE BIBB
ARV	AIR RELEASE VALVE	HWRP	HOT WATER RETURN PUMP
AP	ACCESS PANEL	MV	MANUAL AIR VENT
AD	AREA DRAIN	M	MOTOR - OPERATED VALVE
AV	ANGLE VALVE	ORD	OVERFLOW ROOF DRAIN
AUV	AUTOMATIC AIR VENT	PTU	PACKAGED TREATMENT UNIT
BV	BALL VALVE	PV	PLUG VALVE
BFV	BUTTERFLY VALVE	PA	PIPE ANCHOR
BFPA	BACKFLOW PREVENTER ASSEMBLY	PG	PIPE GUIDE
BS	BASKET STRAINER	PS	PIPE SLEEVE
CTLV	CONTROL VALVE, 2-WAY	PRV	PRESSURE RELIEF VALVE
CV	CHECK VALVE	PIV	POST INDICATOR VALVE
CR	CONCENTRIC REDUCER/INCREASER	PG	PRESSURE GAUGE WITH GAUGE COOK
DU	DIELECTRIC UNION	PS	PRESSURE SWITCH
DBL	DOUBLE	ROW	RIGHT OF WAY
ECO	EXTERIOR CLEANOUT (TO GRADE)	RD	ROOF DRAIN
EL	EXPANSION LOOP (SIZE AS NOTED)	SV	SOLENOID VALVE
EC	ECCENTRIC REDUCER/INCREASER	TPV	TEMPERATURE- PRESSURE RELIEF VALVE
EJ	EXPANSION JOINT	T	THERMOMETER (SPECIFY TYPE)
FFE	FINISHED FLOOR ELEVATION	U	UNION
F	FLANGE	WCO	WALL CLEANOUT
FS	FLOW SWITCH	WHA	WATER HAMMER ARRESTOR
FM	FLOW METER	WS	WYE STRANNER
FC	FLEXIBLE CONNECTOR	WH	WALL HYDRANT
FD	FLOOR DRAIN	YB	YARD BOX

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

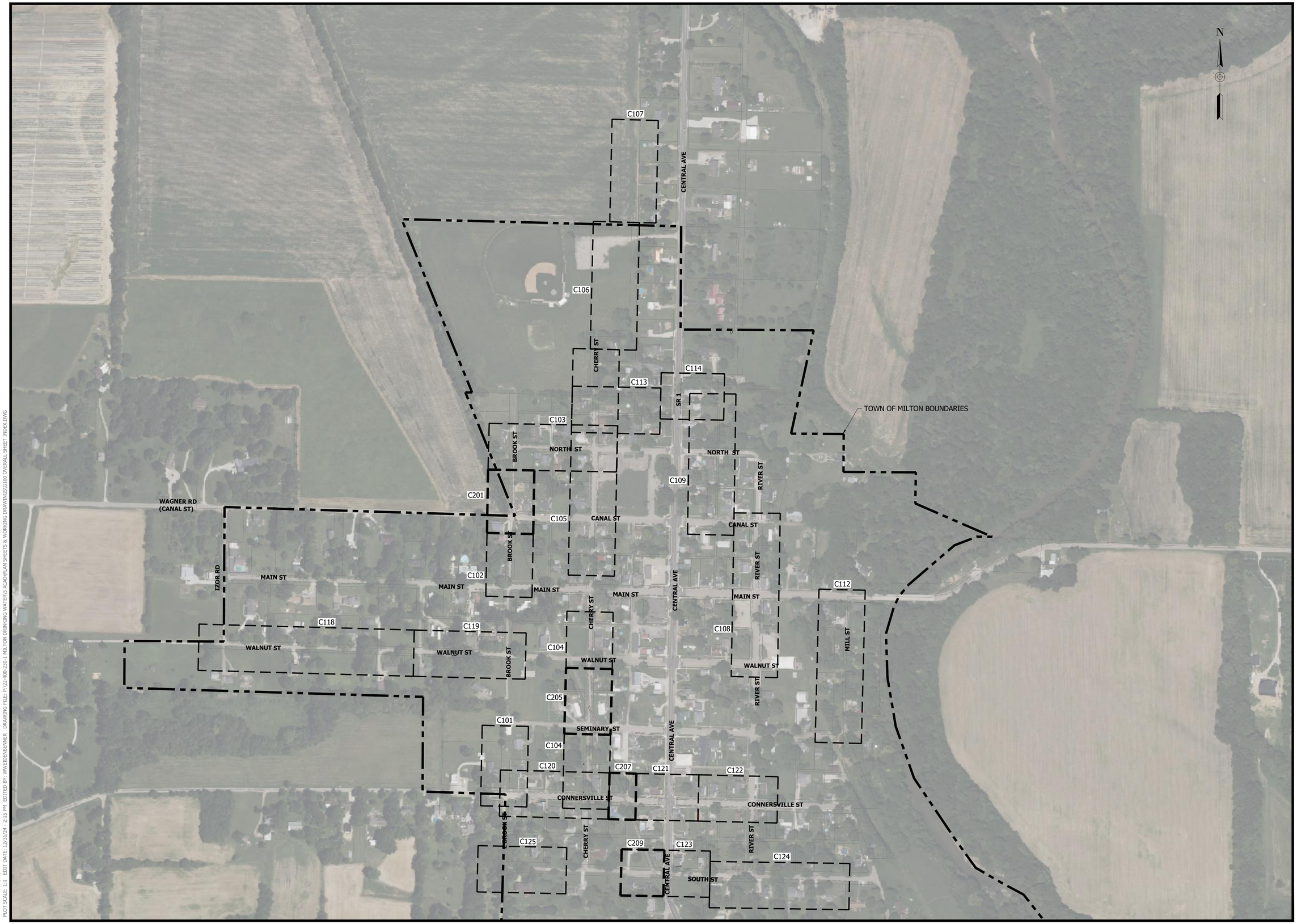
WHITNEY M. WEIDENBENNER REGISTERED No. PE12300447 STATE OF INDIANA PROFESSIONAL ENGINEER

Whitney Weidenbenner

GENERAL NOTES

G002

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 2:04 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\G002 GENERAL NOTES.DWG



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WHITNEY M. WEIDENBENNER
REGISTERED
No.
PE12300447
STATE OF
INDIANA
PROFESSIONAL ENGINEER

200' 0 200' 400'
GRAPHIC SCALE

OVERALL SHEET INDEX

G100

PRINT DATE: 12/31/24
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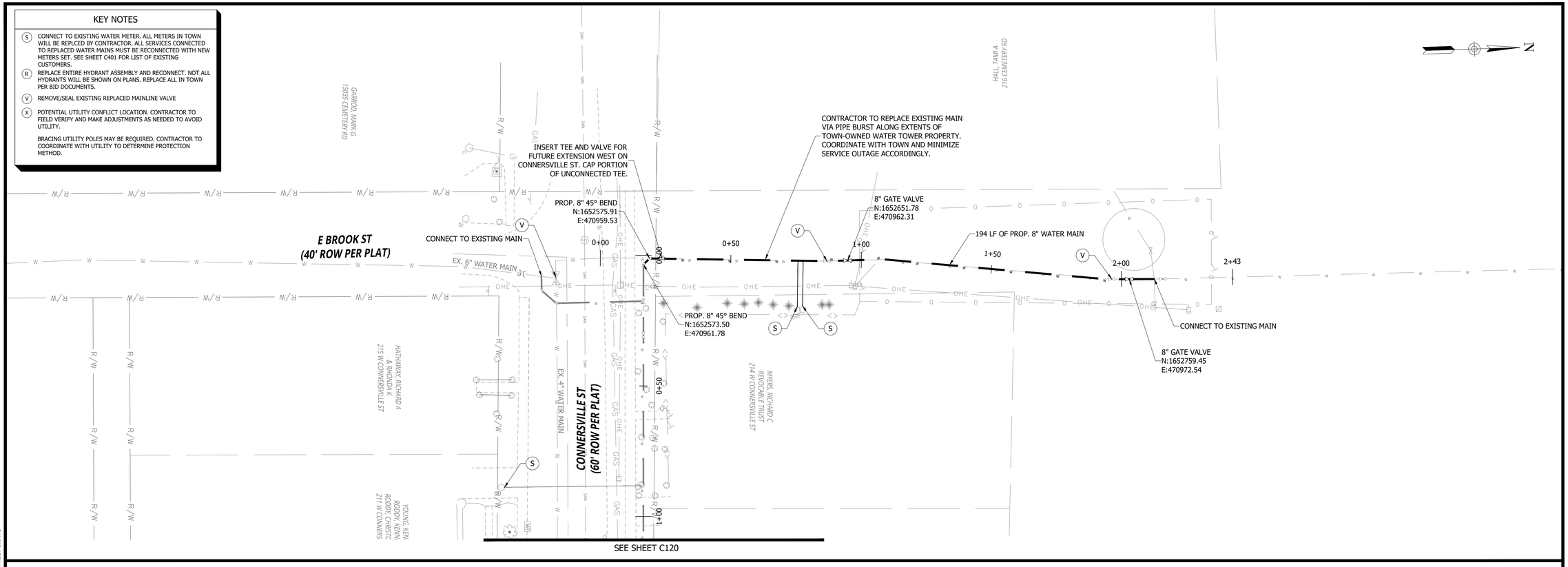
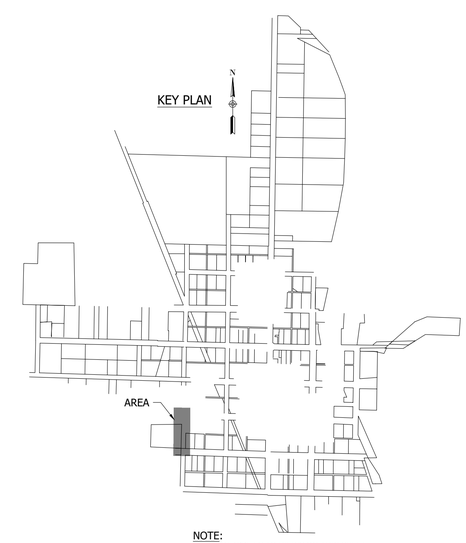
KEY NOTES

- (S) CONNECT TO EXISTING WATER METER. ALL METERS IN TOWN WILL BE REPLCED BY CONTRACTOR. ALL SERVICES CONNECTED TO REPLACED WATER MAINS MUST BE RECONNECTED WITH NEW METERS SET. SEE SHEET C401 FOR LIST OF EXISTING CUSTOMERS.
- (R) REPLACE ENTIRE HYDRANT ASSEMBLY AND RECONNECT. NOT ALL HYDRANTS WILL BE SHOWN ON PLANS. REPLACE ALL IN TOWN PER BID DOCUMENTS.
- (V) REMOVE/SEAL EXISTING REPLACED MAINLINE VALVE
- (X) POTENTIAL UTILITY CONFLICT LOCATION. CONTRACTOR TO FIELD VERIFY AND MAKE ADJUSTMENTS AS NEEDED TO AVOID UTILITY.

BRACING UTILITY POLES MAY BE REQUIRED. CONTRACTOR TO COORDINATE WITH UTILITY TO DETERMINE PROTECTION METHOD.





NOTE:
KEY PLAN APPLIES TO VIEWS ON THIS SHEET

RQAW

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WHITNEY M. WEIDENBENNER REGISTERED No. PE12300447 STATE OF INDIANA PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

PROPOSED WATER MAIN IMPROVEMENT PLAN WATER TOWER

C101

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 3:38 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\BROOK STREET S.DWG

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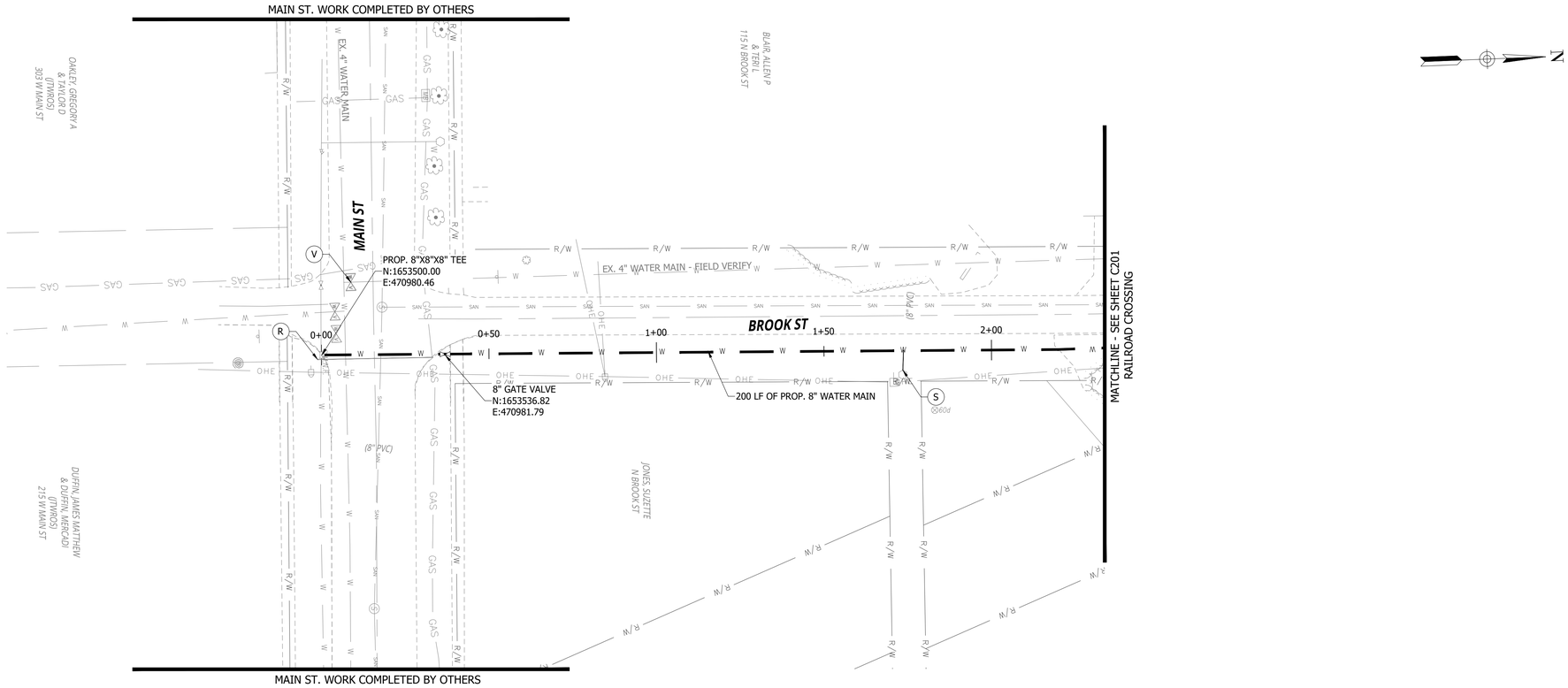

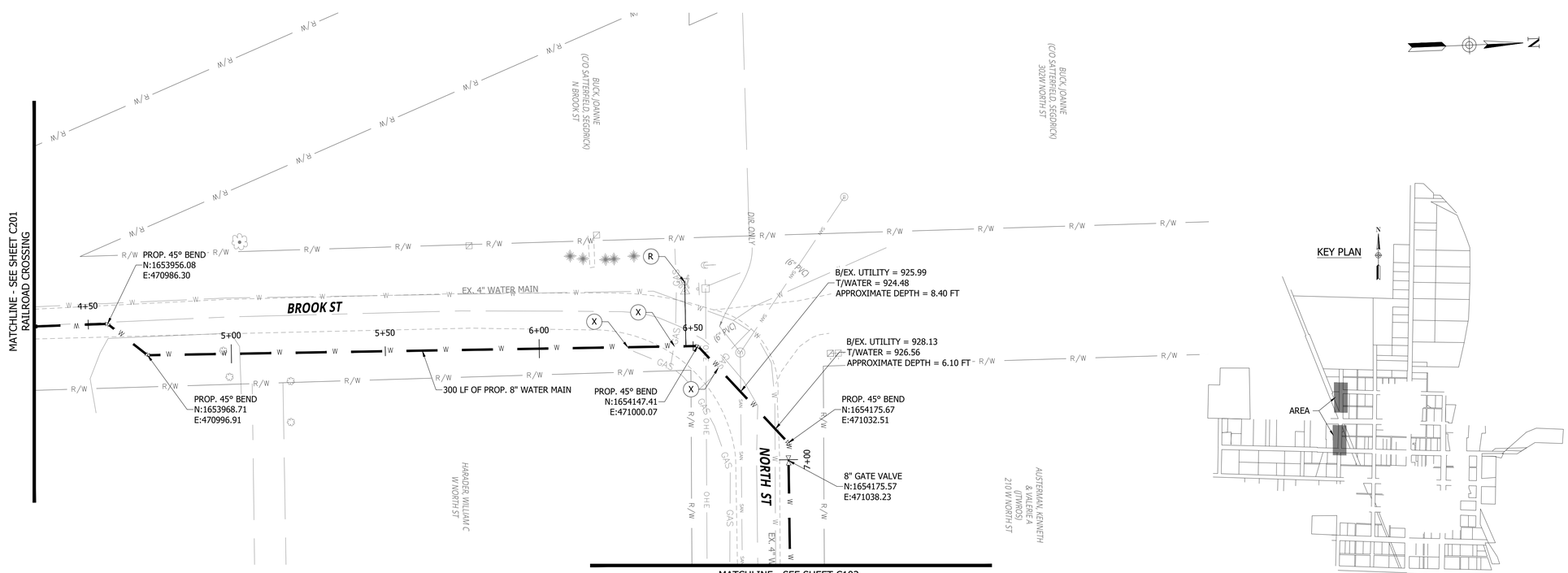

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20' 0 20' 40'
GRAPHIC SCALE

PROPOSED WATER MAIN IMPROVEMENTS PLAN BROOK ST N.

C102

PRINT DATE: 12/31/24
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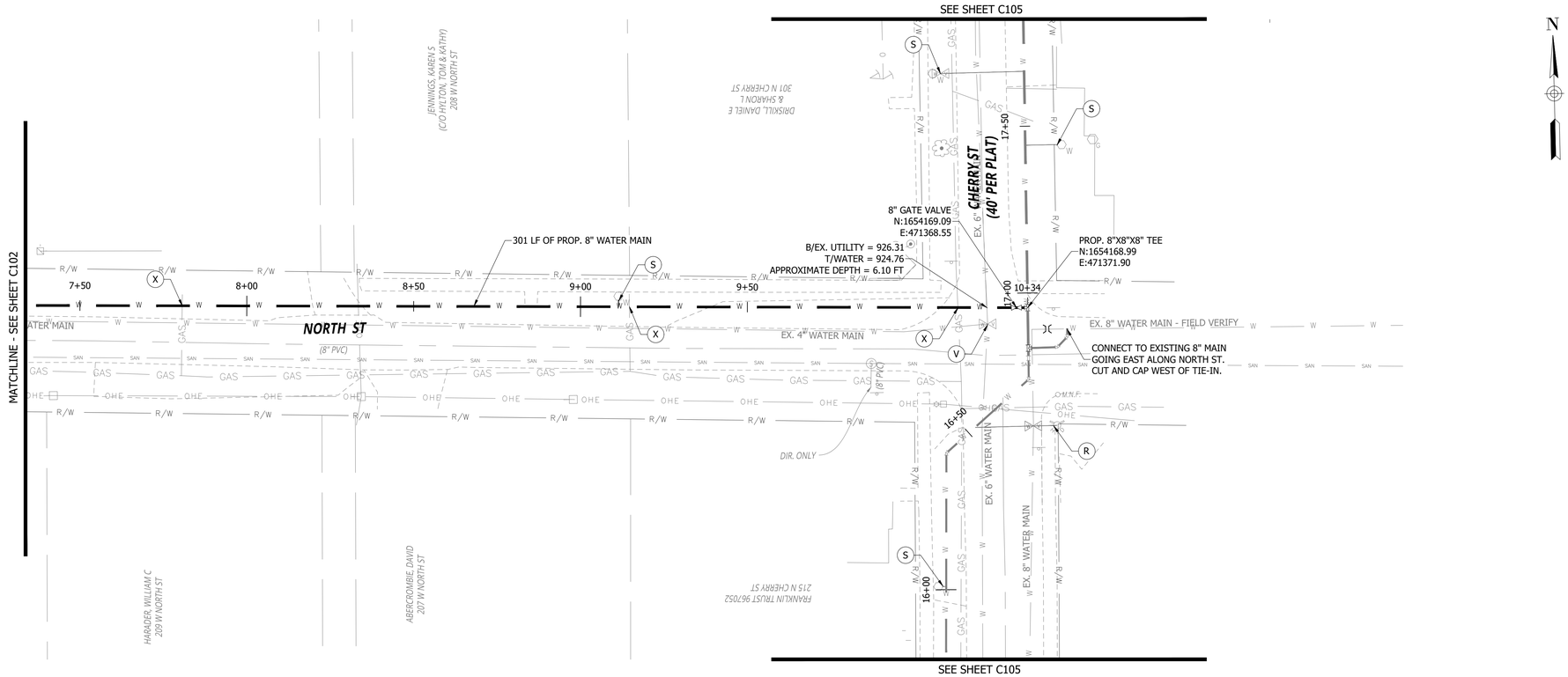

NOTE:
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No.
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STATE OF
INDIANA
PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

PROPOSED WATER MAIN IMPROVEMENTS PLAN BROOK ST N.

C103

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 3:41 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\BROOK STREET N.DWG

KEY NOTES

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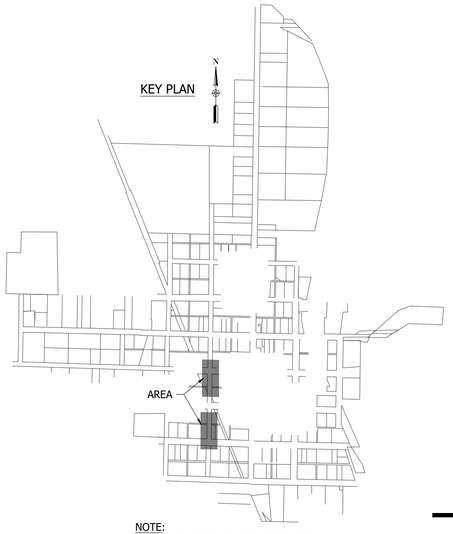
NOTE: BRACING UTILITY POLES MAY BE REQUIRED. CONTRACTOR TO COORDINATE WITH UTILITY TO DETERMINE PROTECTION METHOD.

KEY PLAN



NOTE:
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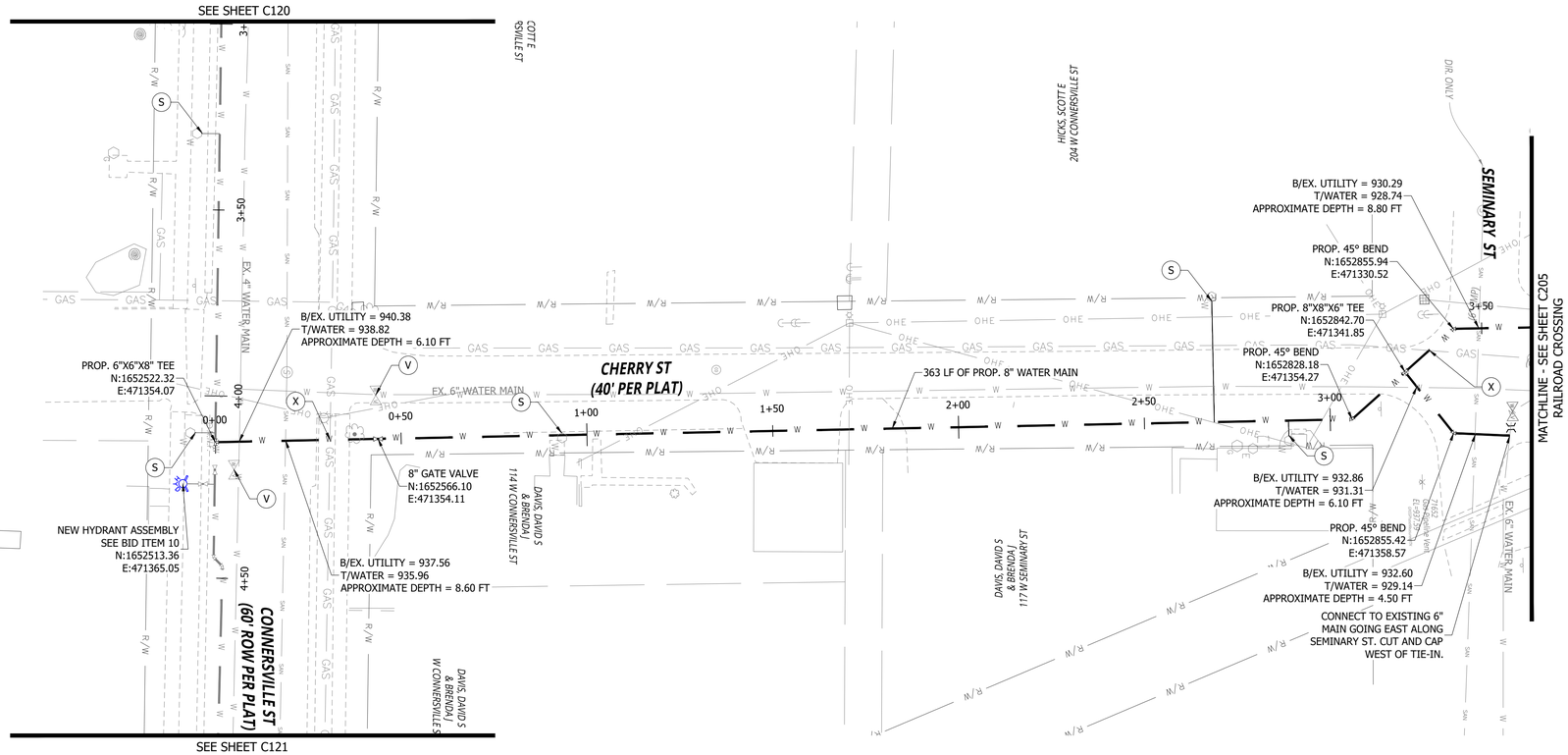

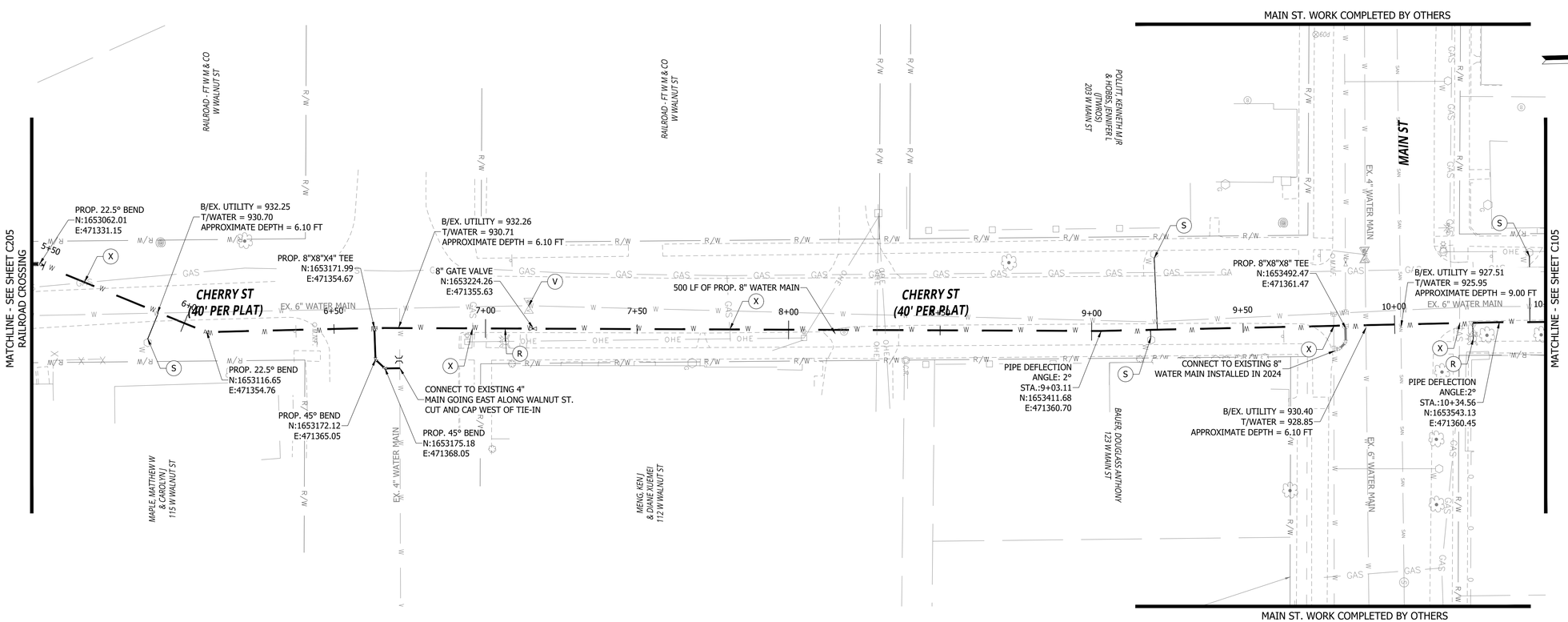

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

WHITNEY M. WEIDENBENNER
REGISTERED
No. PE12300447
STATE OF INDIANA
PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

PROPOSED WATER MAIN IMPROVEMENTS PLAN
CHERRY ST

C104

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 3:52 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\CHERRY STREET.DWG

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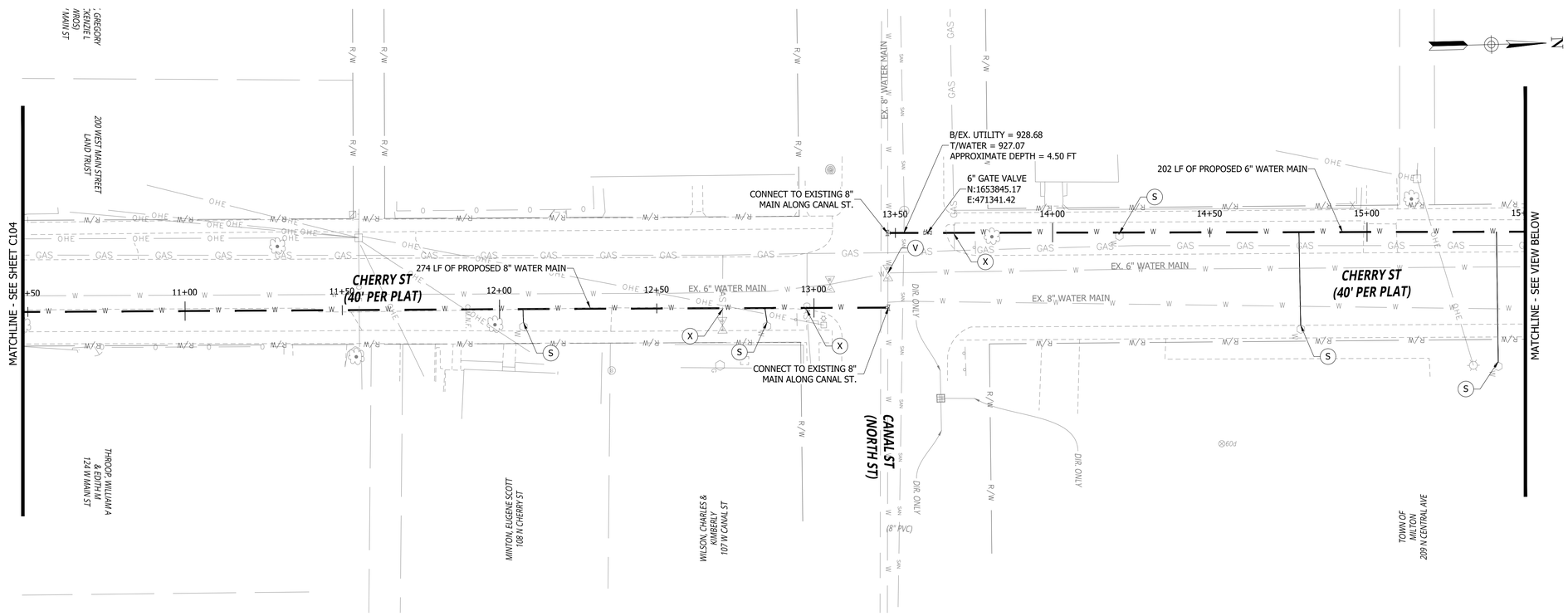

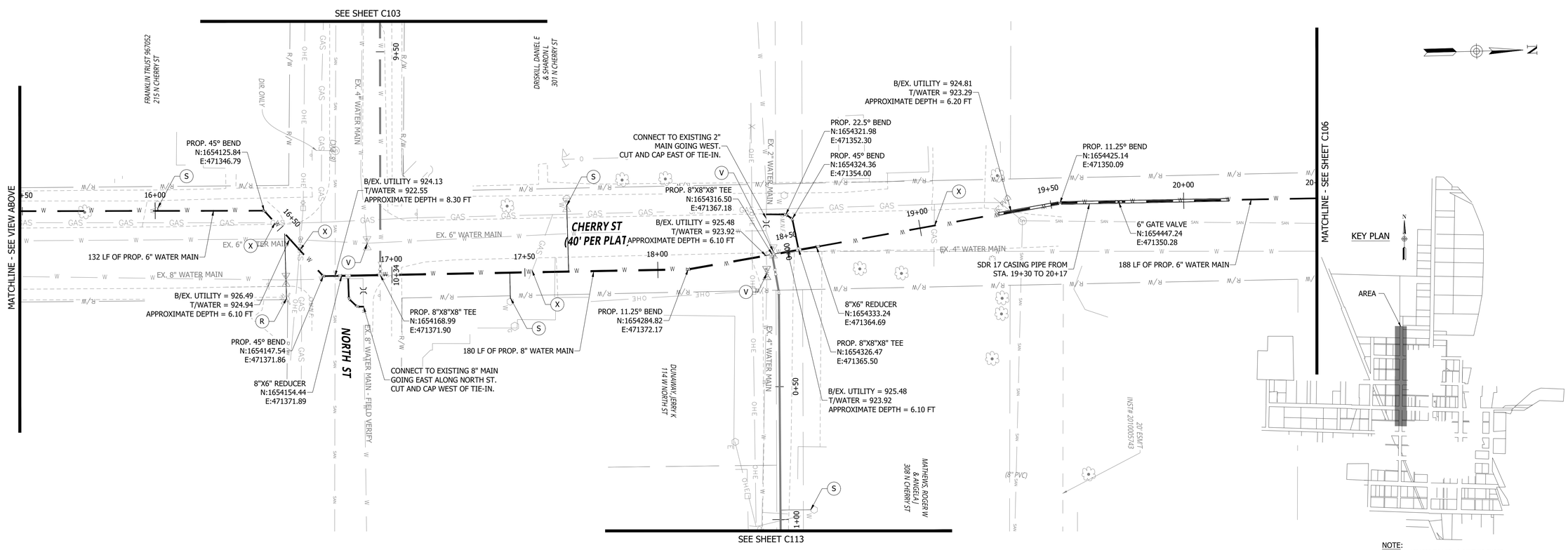

KEY PLAN

NOTE:
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RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

WHITNEY M. WEIDENBENNER REGISTERED No. PE12300447 STATE OF INDIANA PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

PROPOSED WATER MAIN IMPROVEMENTS PLAN
CHERRY ST

C105

PRINT DATE: 12/31/24
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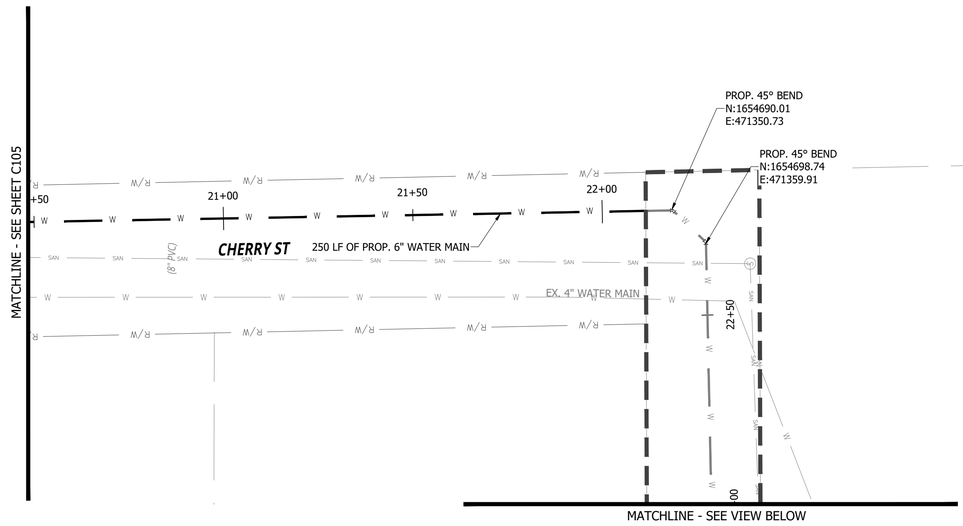

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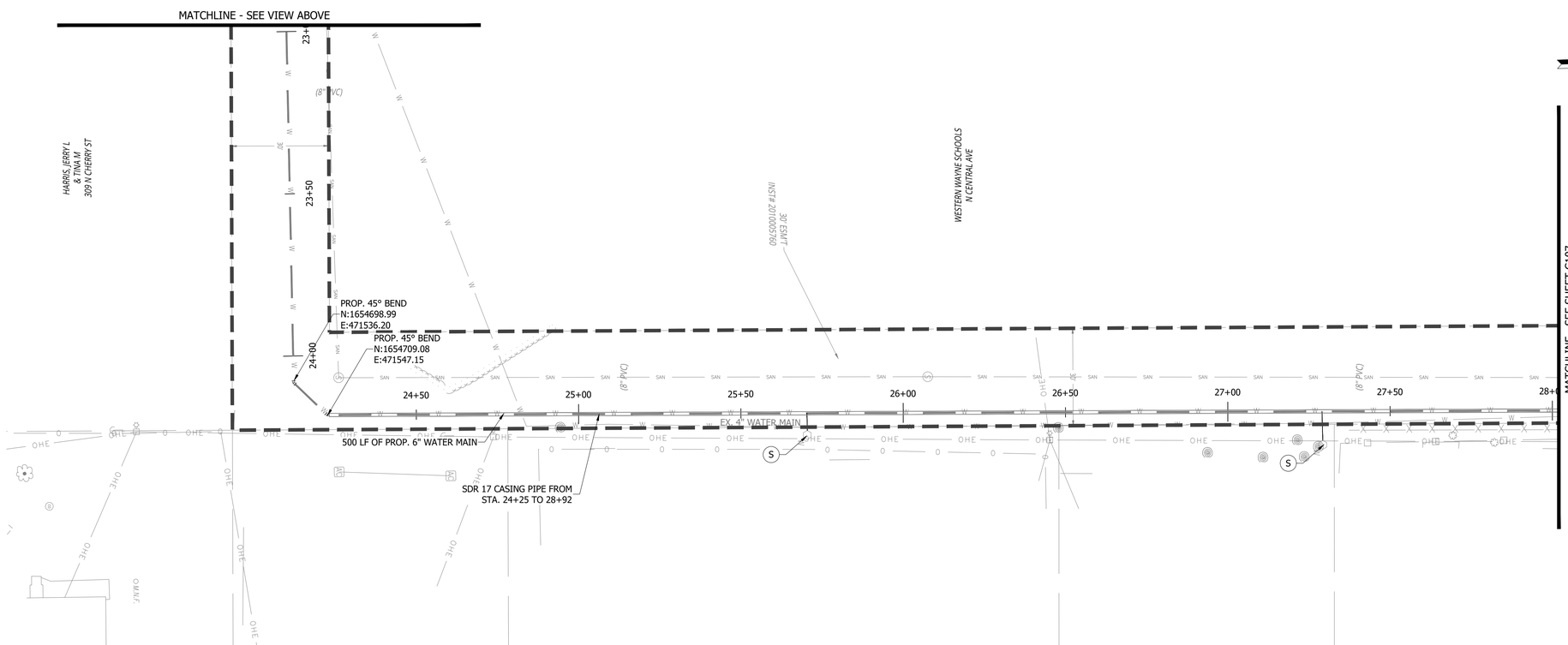

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

WHITNEY M. WEIDENBENNER
REGISTERED
No. PE12300447
STATE OF INDIANA
PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

PROPOSED WATER MAIN IMPROVEMENTS PLAN
CHERRY ST

C106

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 3:52 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\CHERRY STREET.DWG

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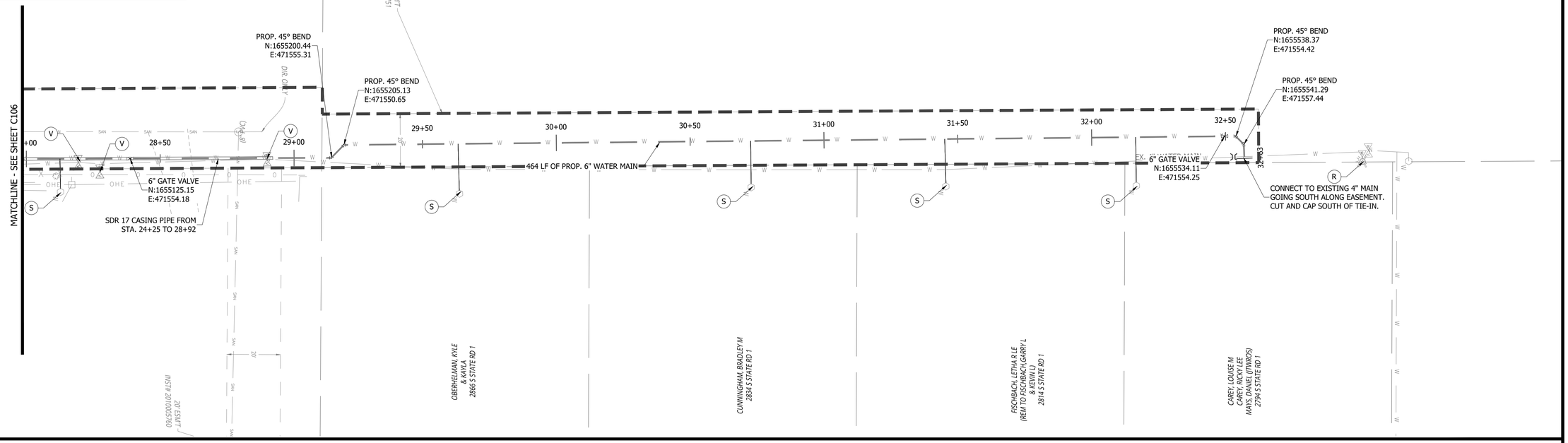

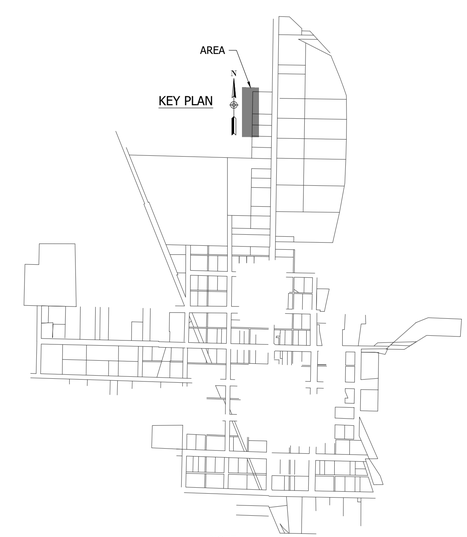

NOTE:
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RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

WHITNEY M. WEIDENBENNER
REGISTERED
No.
PE12300447
STATE OF
INDIANA
PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

PROPOSED WATER MAIN IMPROVEMENTS PLAN CHERRY ST

C107

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 3:52 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\CHERRY STREET.DWG

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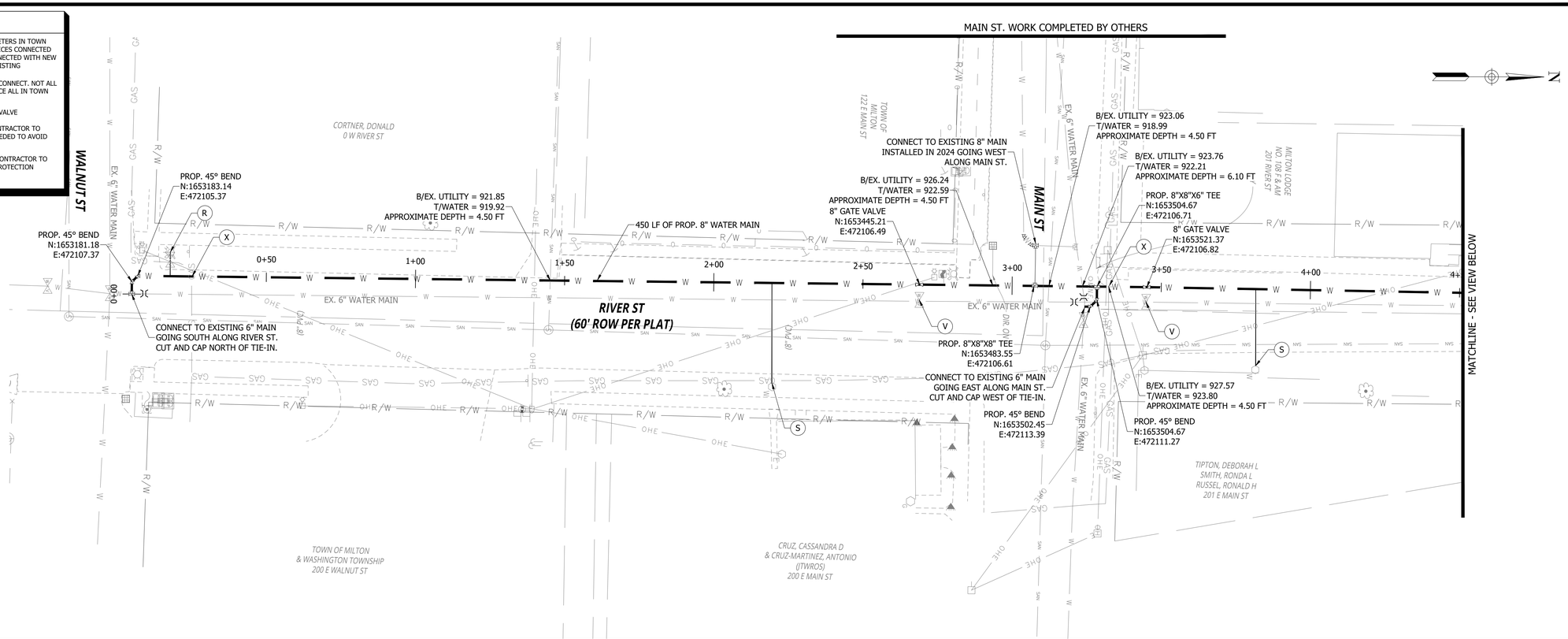

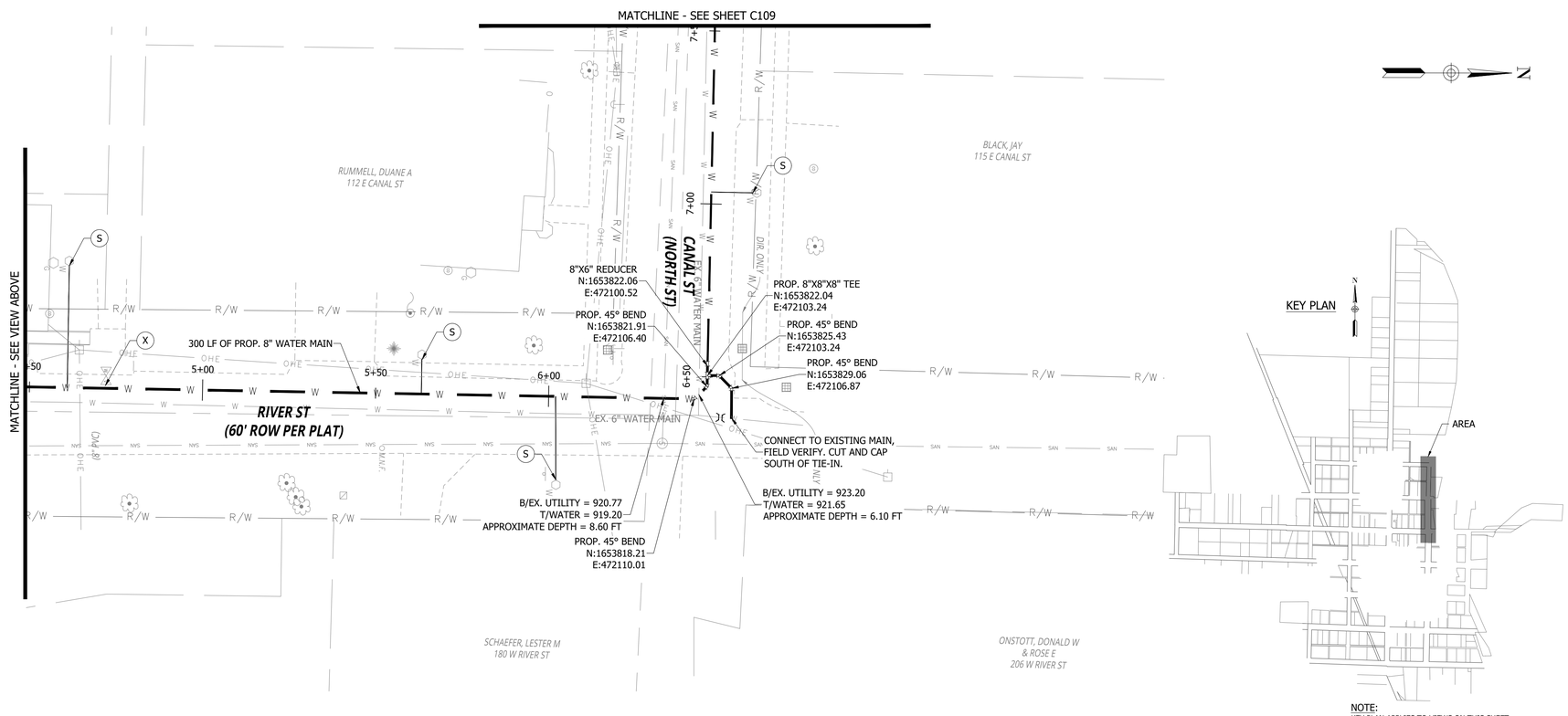

KEY PLAN

NOTE:
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RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

WHITNEY M. WEIDENBENNER REGISTERED No. PE12300447 STATE OF INDIANA PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

PROPOSED WATER MAIN IMPROVEMENTS PLAN RIVER ST

C108

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 4:09 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\RIVER STREET.DWG

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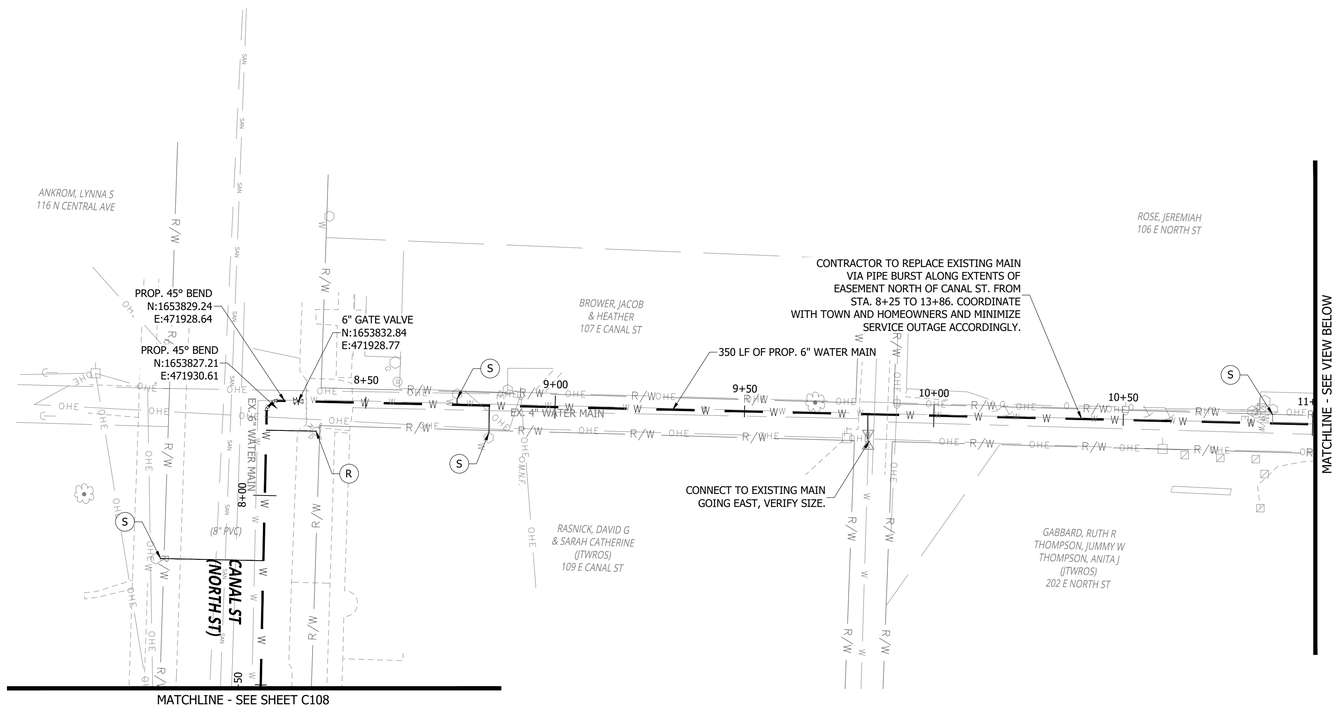

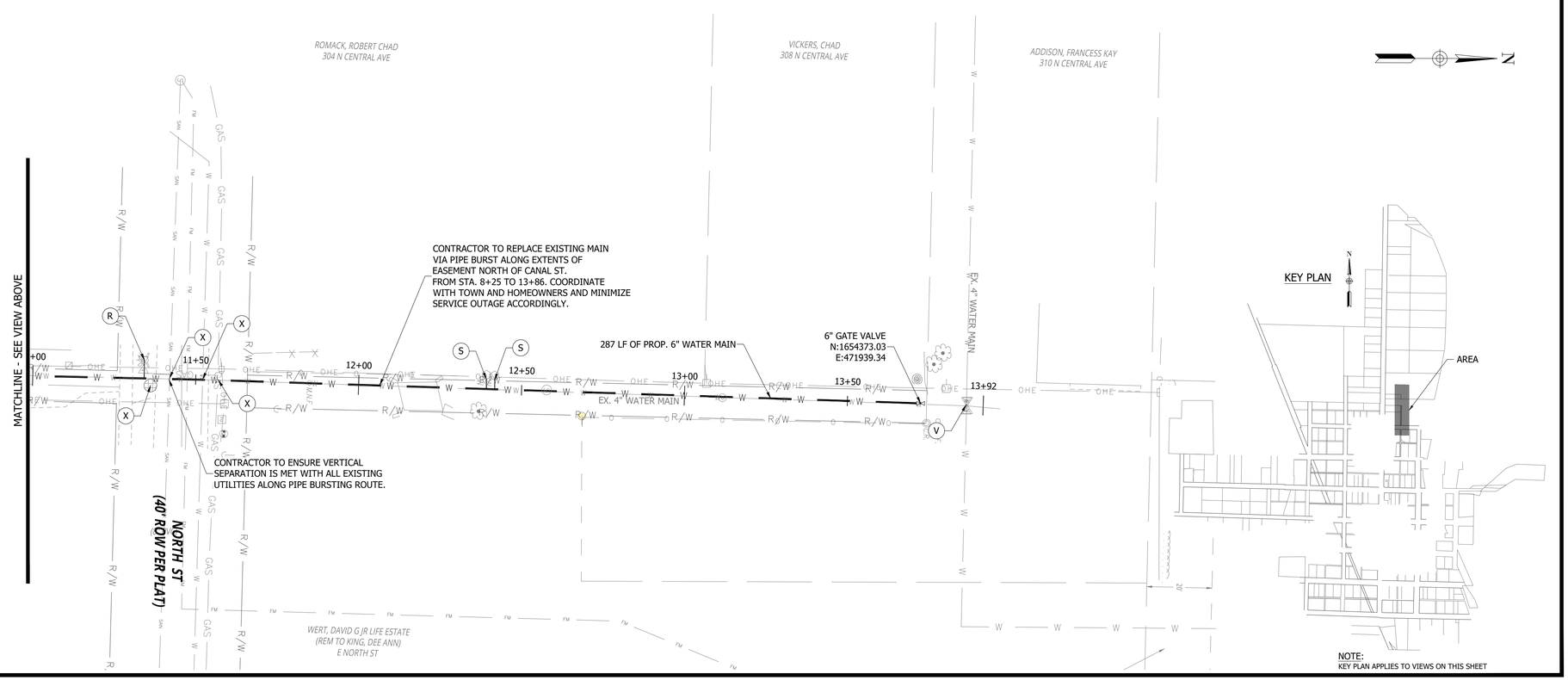

NOTE:
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RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

WHITNEY M. WEIDENBENER REGISTERED No. PE12300447 STATE OF INDIANA PROFESSIONAL ENGINEER

PROPOSED WATER MAIN IMPROVEMENTS PLAN RIVER ST

C109

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 4:09 PM EDITED BY: WWEIDENBENER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\RIVER STREET.DWG

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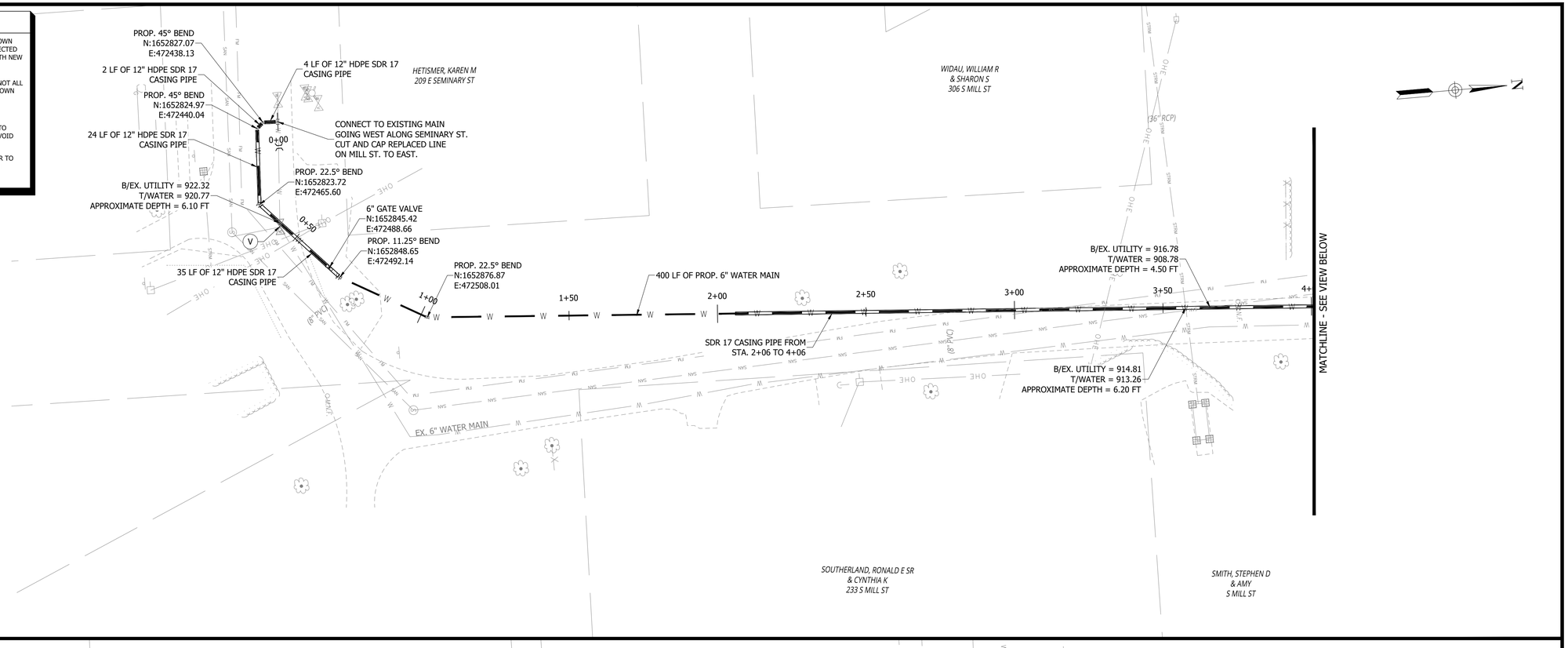

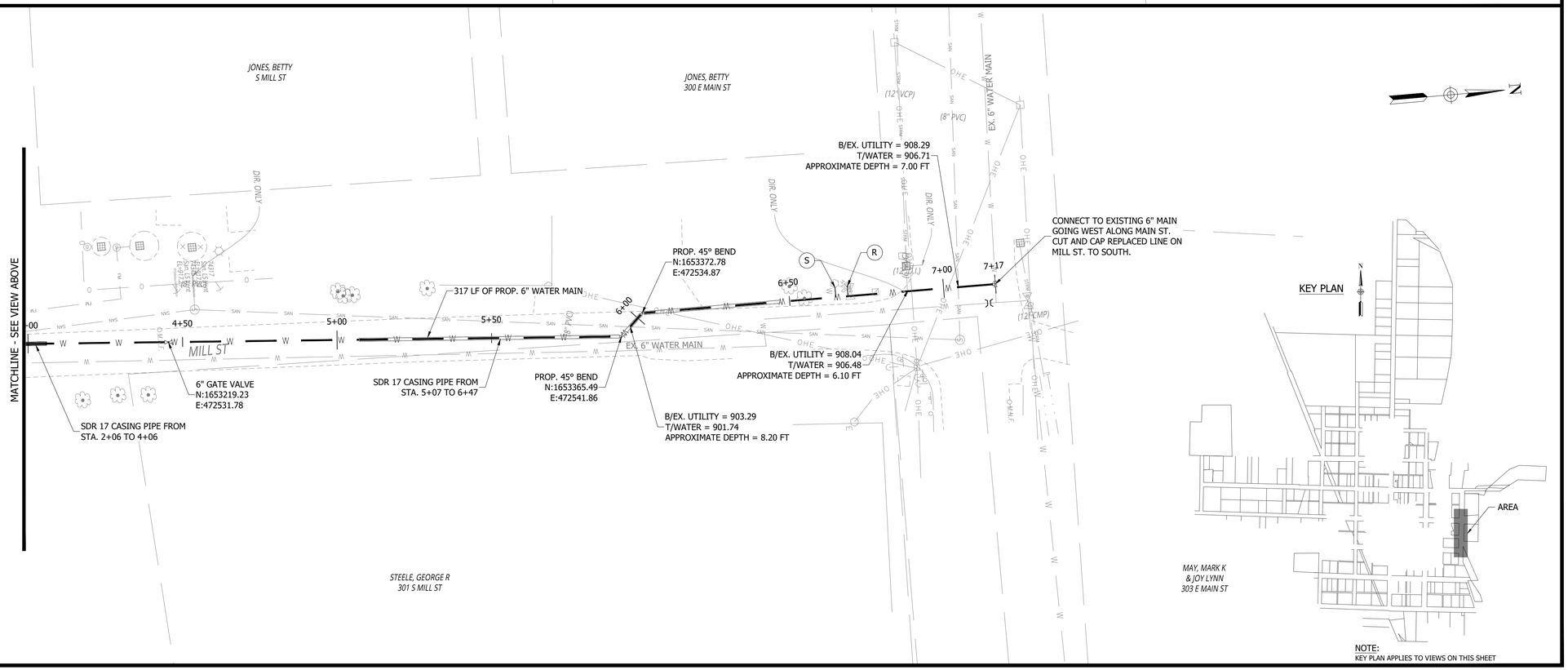

KEY PLAN

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RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

WHITNEY M. WEIDENBENNER REGISTERED No. PE12300447 STATE OF INDIANA PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

PROPOSED WATER MAIN IMPROVEMENTS PLAN
MILL ST

C112

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 4:10 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\MILL STREET.DWG

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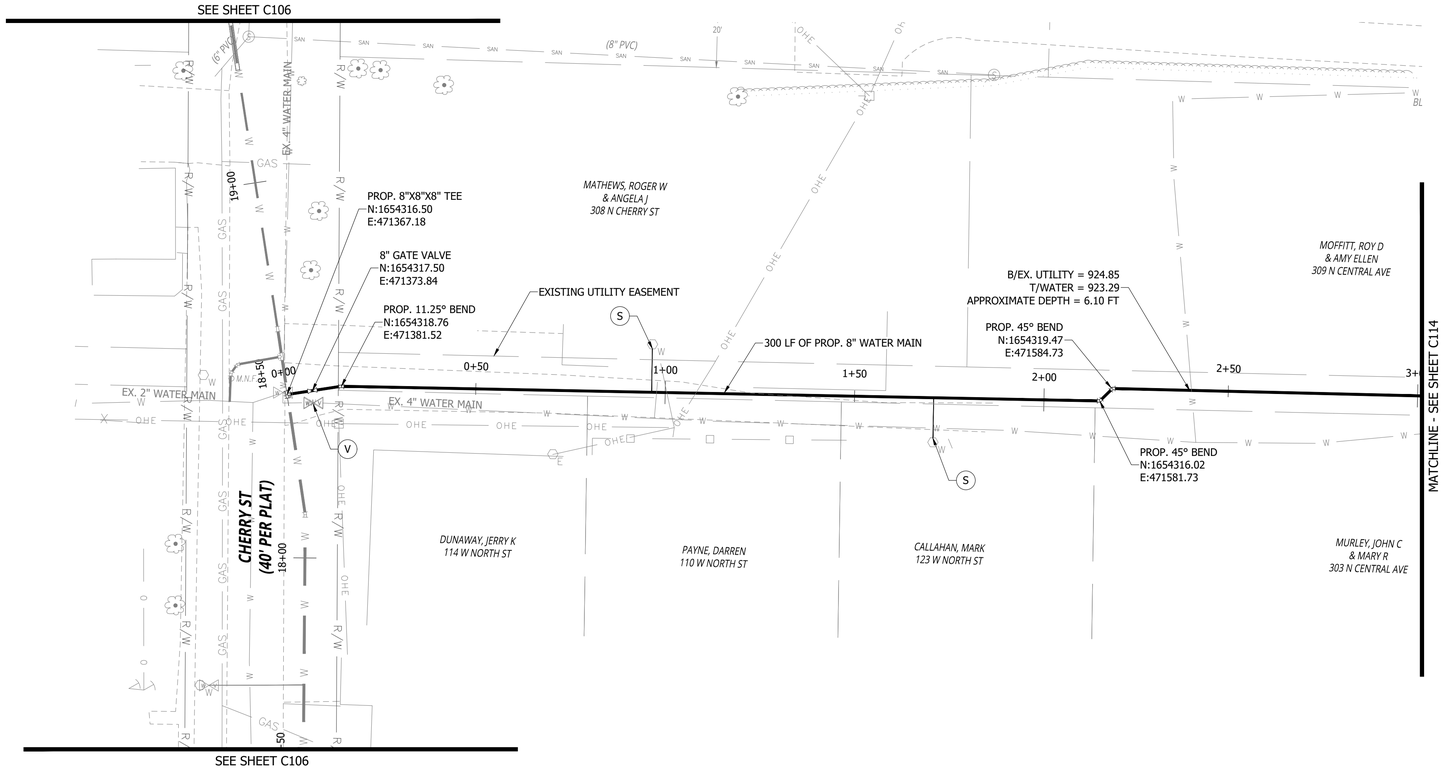

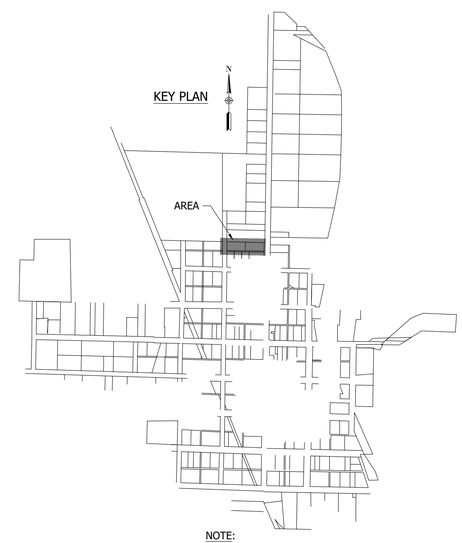

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DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

WHITNEY M. WEIDENBENNER REGISTERED No. PE12300447 STATE OF INDIANA PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

PROPOSED WATER MAIN IMPROVEMENTS PLAN NORTH ST EASEMENT

C113

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 4:05 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\EASEMENT B.DWG

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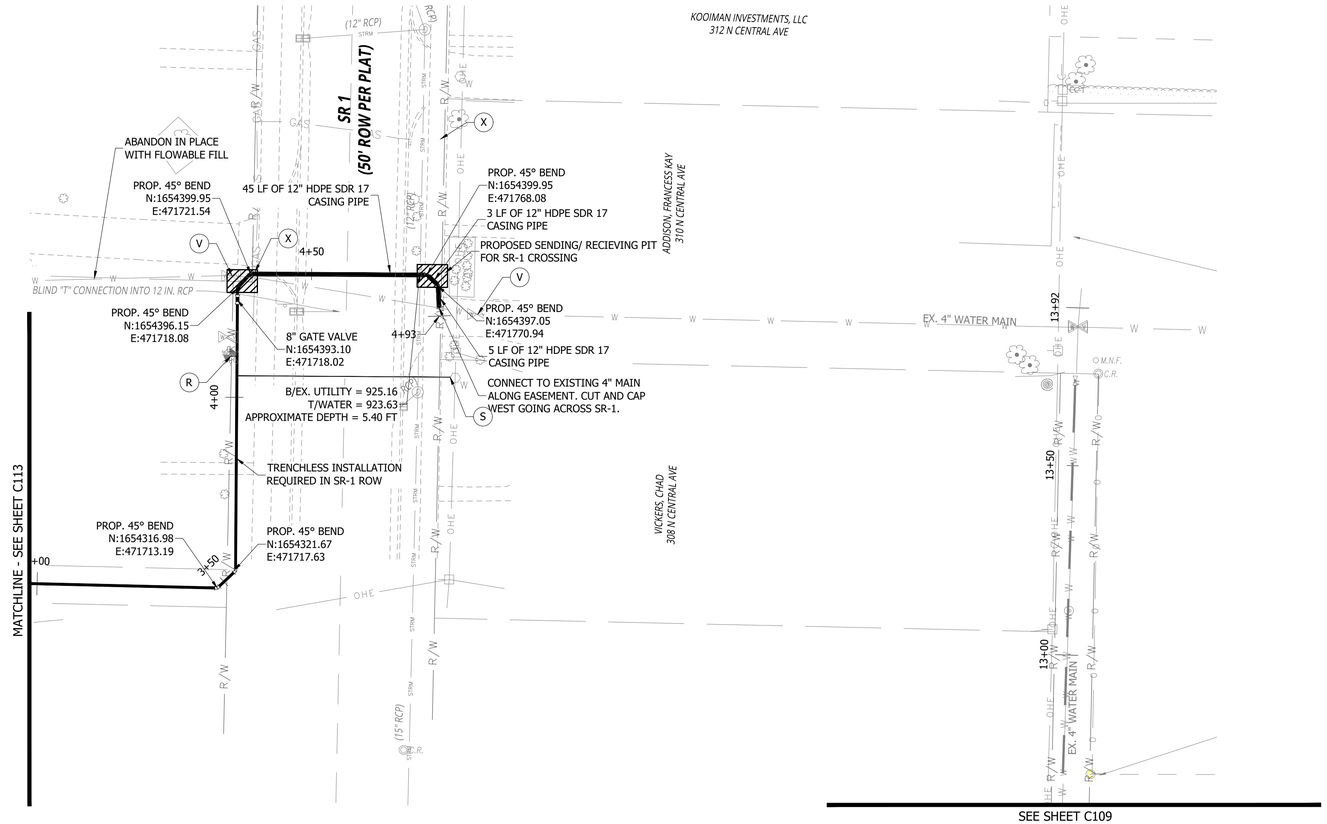

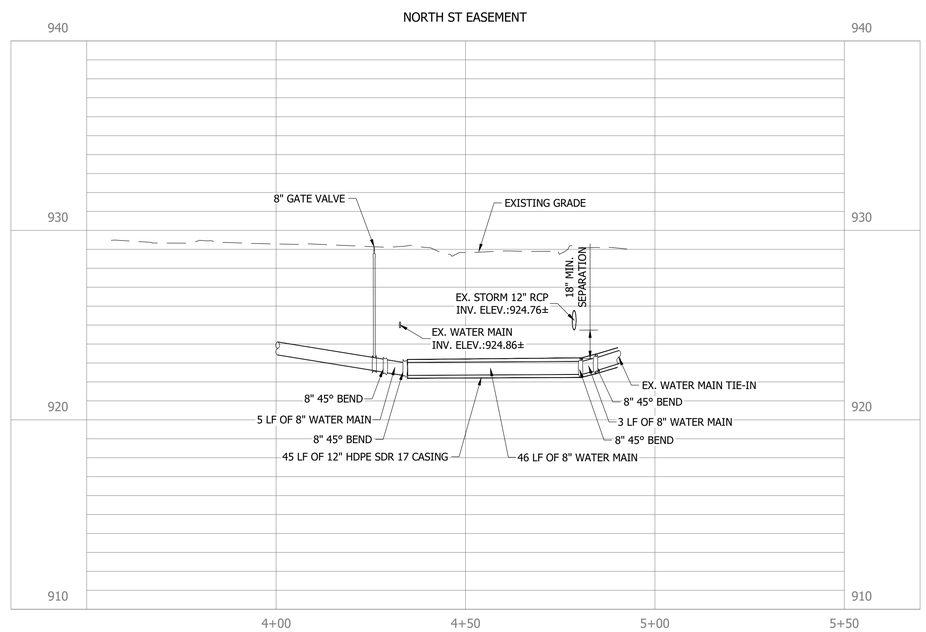

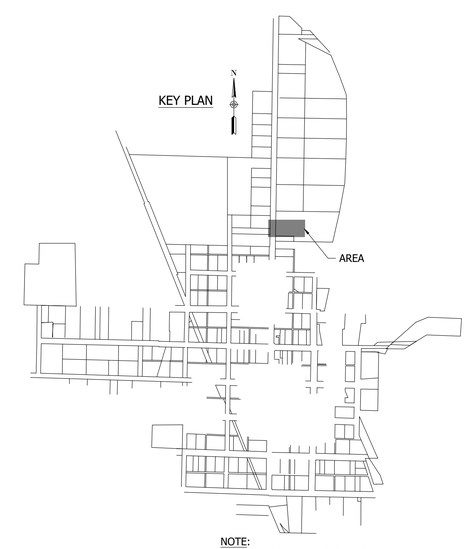

NOTE:
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RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

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PROJECT #: 22-400-230-1

DESIGNED BY: WMW

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CHECKED BY: WMW

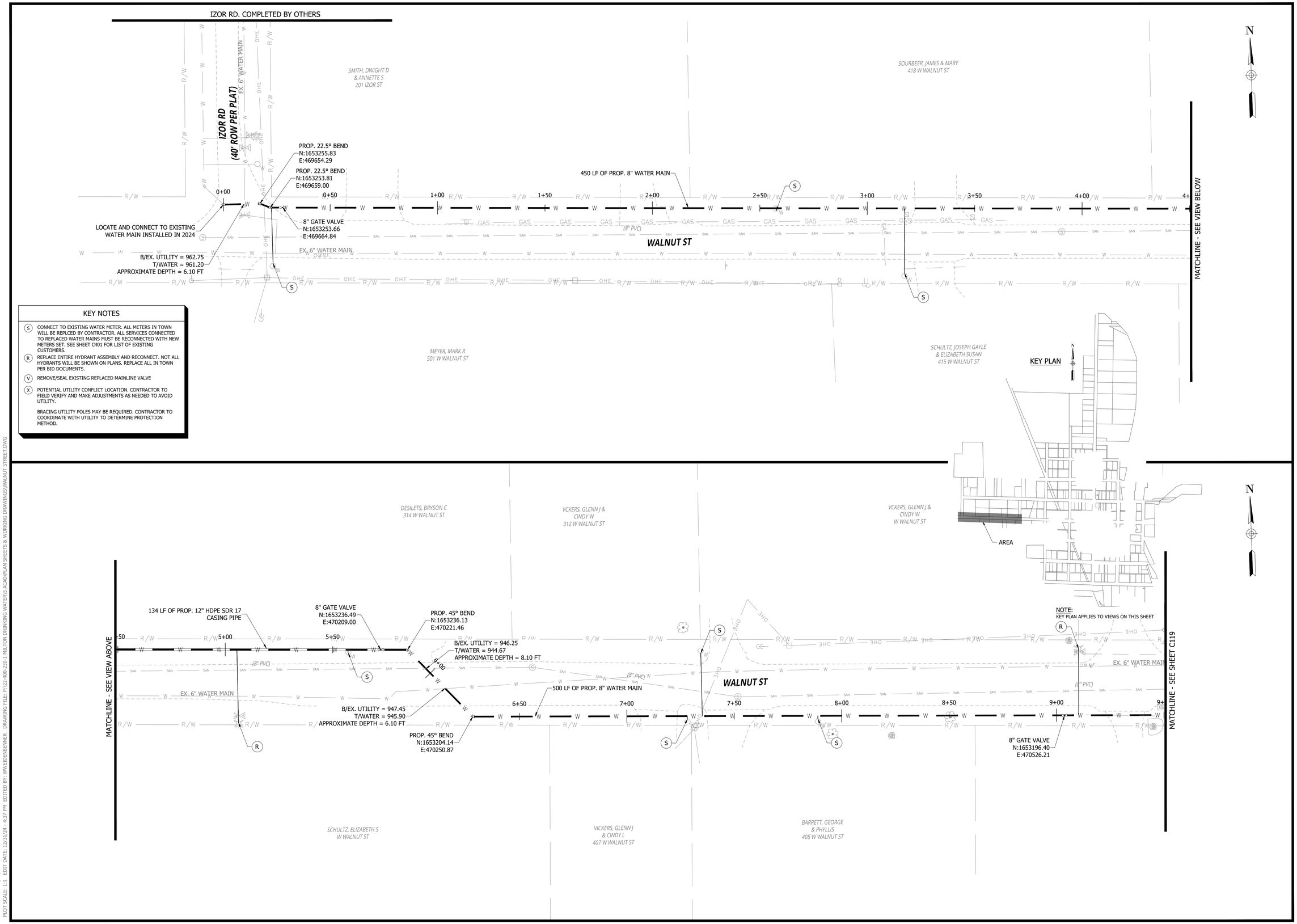
DATE: 12/16/2024

WHITNEY M. WEIDENBENNER REGISTERED No. PE12300447 STATE OF INDIANA PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

PROPOSED WATER MAIN IMPROVEMENTS PLAN NORTH ST EASEMENT

C114



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RQAW

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CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

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WHITNEY M. WEIDENBENNER
REGISTERED
No.
PE12300447
STATE OF
INDIANA
PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

PROPOSED WATER MAIN IMPROVEMENTS PLAN
WALNUT ST

C118

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 4:37 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\WALNUT STREET.DWG

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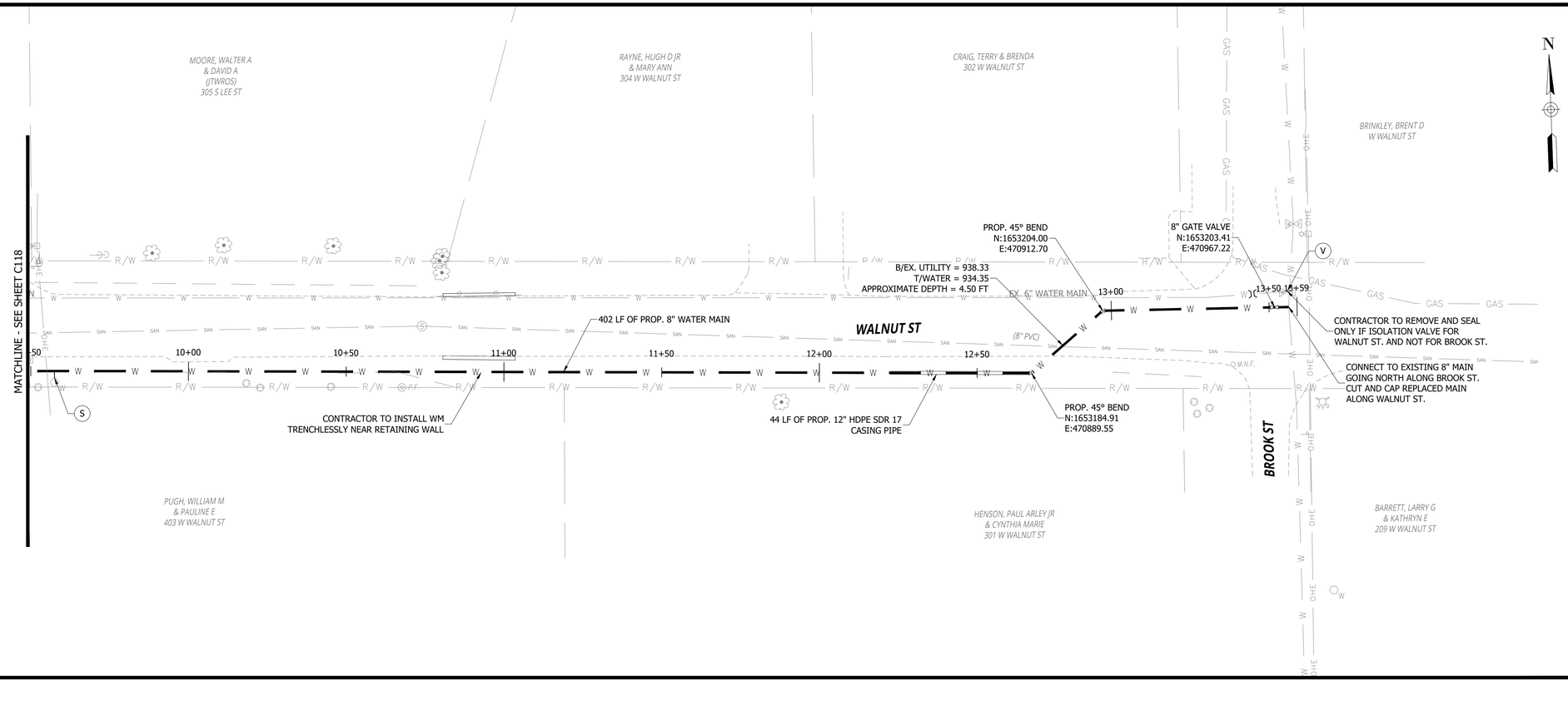
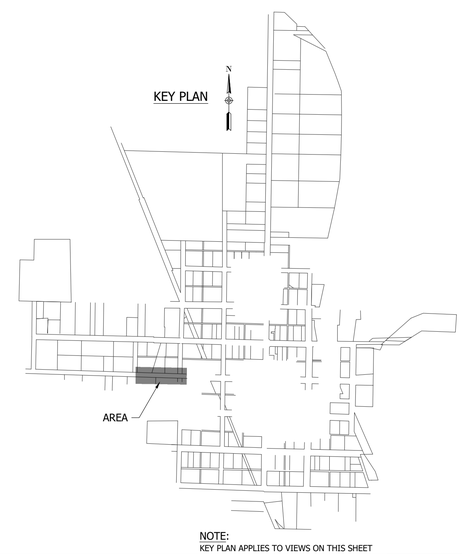




NOTE:
KEY PLAN APPLIES TO VIEWS ON THIS SHEET

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

WHITNEY M. WEIDENBENNER REGISTERED No. PE12300447 STATE OF INDIANA PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

PROPOSED WATER MAIN IMPROVEMENTS PLAN WALNUT ST

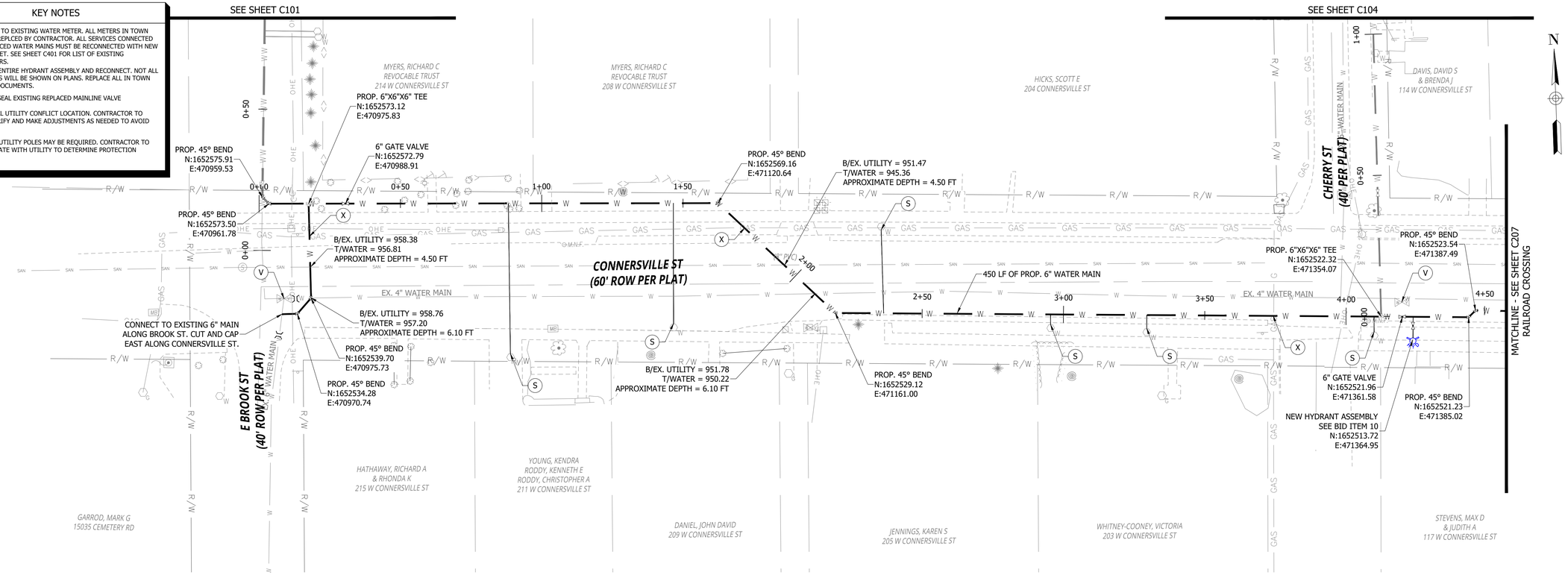
C119

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 4:37 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\WALNUT STREET.DWG

KEY NOTES

- (S) CONNECT TO EXISTING WATER METER. ALL METERS IN TOWN WILL BE REPLCED BY CONTRACTOR. ALL SERVICES CONNECTED TO REPLACED WATER MAINS MUST BE RECONNECTED WITH NEW METERS SET. SEE SHEET C401 FOR LIST OF EXISTING CUSTOMERS.
- (R) REPLACE ENTIRE HYDRANT ASSEMBLY AND RECONNECT. NOT ALL HYDRANTS WILL BE SHOWN ON PLANS. REPLACE ALL IN TOWN PER BID DOCUMENTS.
- (V) REMOVE/SEAL EXISTING REPLACED MAINLINE VALVE
- (X) POTENTIAL UTILITY CONFLICT LOCATION. CONTRACTOR TO FIELD VERIFY AND MAKE ADJUSTMENTS AS NEEDED TO AVOID UTILITY.

BRACING UTILITY POLES MAY BE REQUIRED. CONTRACTOR TO COORDINATE WITH UTILITY TO DETERMINE PROTECTION METHOD.



NOTE:
KEY PLAN APPLIES TO VIEWS ON THIS SHEET

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

WHITNEY M. WEIDENBENNER
REGISTERED
No.
PE12300447
STATE OF
INDIANA
PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

PROPOSED WATER MAIN IMPROVEMENTS PLAN CONNERSVILLE ST

C120

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 4:31 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\CONNERSVILLE STREET.DWG

KEY NOTES

- (S) CONNECT TO EXISTING WATER METER. ALL METERS IN TOWN WILL BE REPLCED BY CONTRACTOR. ALL SERVICES CONNECTED TO REPLACED WATER MAINS MUST BE RECONNECTED WITH NEW METERS SET. SEE SHEET C401 FOR LIST OF EXISTING CUSTOMERS.
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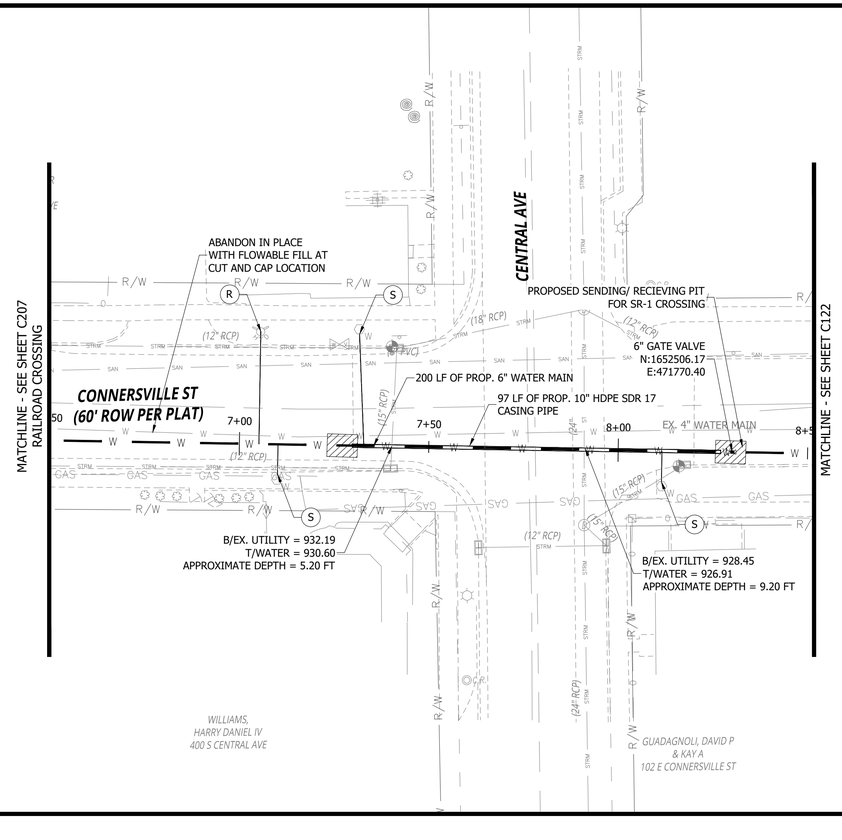

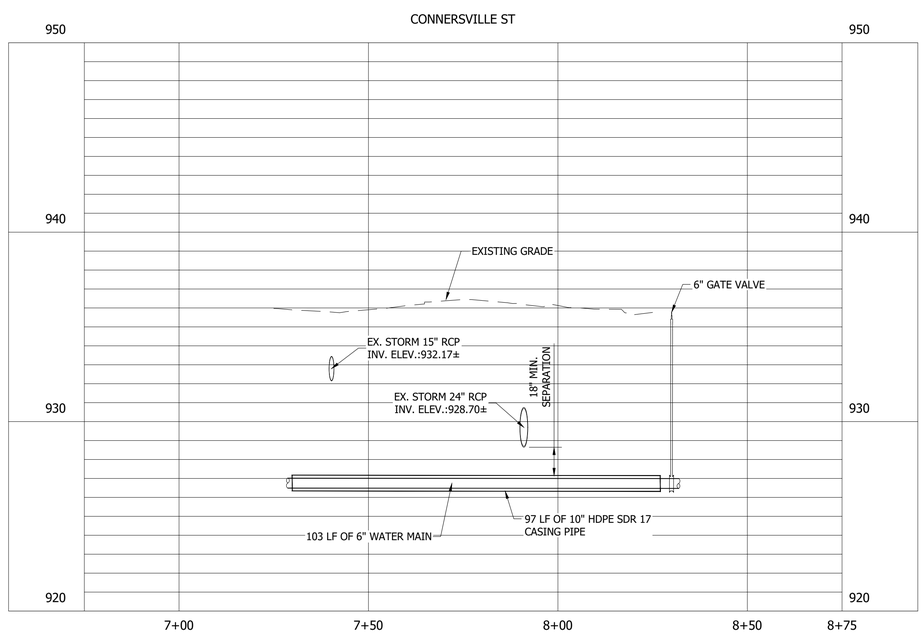

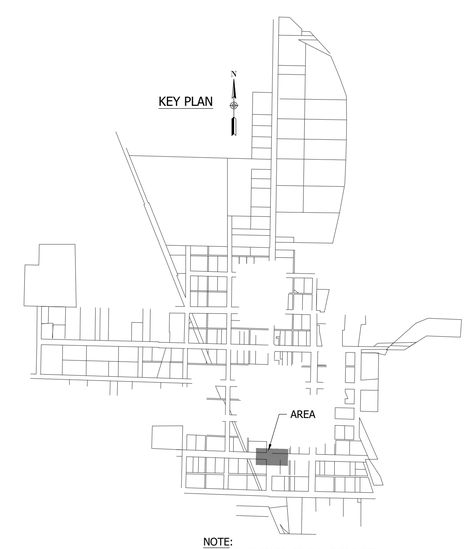

NOTE:
KEY PLAN APPLIES TO VIEWS ON THIS SHEET

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

WHITNEY M. WEIDENBENNER
REGISTERED
No. PE12300447
STATE OF INDIANA
PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

PROPOSED WATER MAIN IMPROVEMENTS PLAN CONNERSVILLE ST

C121

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 4:31 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\CONNERSVILLE STREET.DWG

KEY NOTES

- (S) CONNECT TO EXISTING WATER METER. ALL METERS IN TOWN WILL BE REPLCED BY CONTRACTOR. ALL SERVICES CONNECTED TO REPLACED WATER MAINS MUST BE RECONNECTED WITH NEW METERS SET. SEE SHEET C401 FOR LIST OF EXISTING CUSTOMERS.
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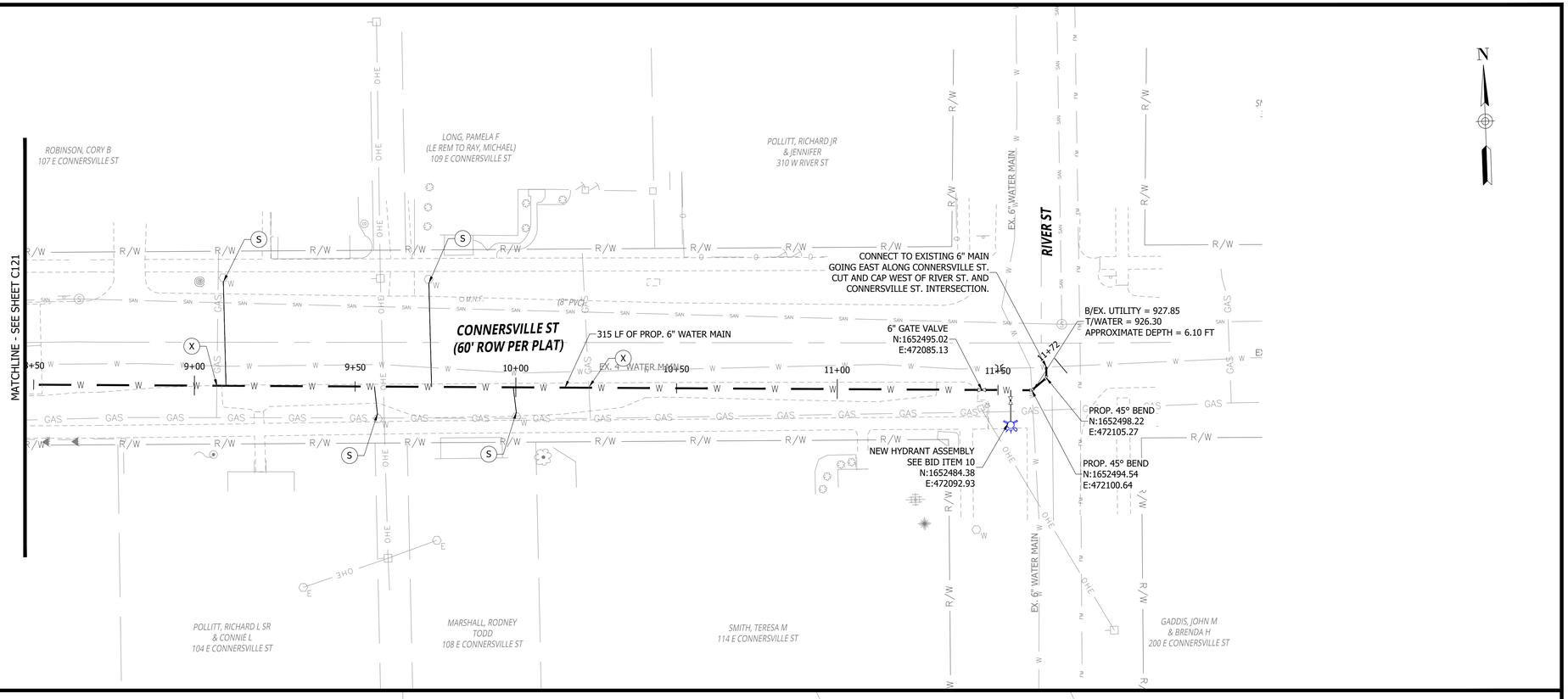
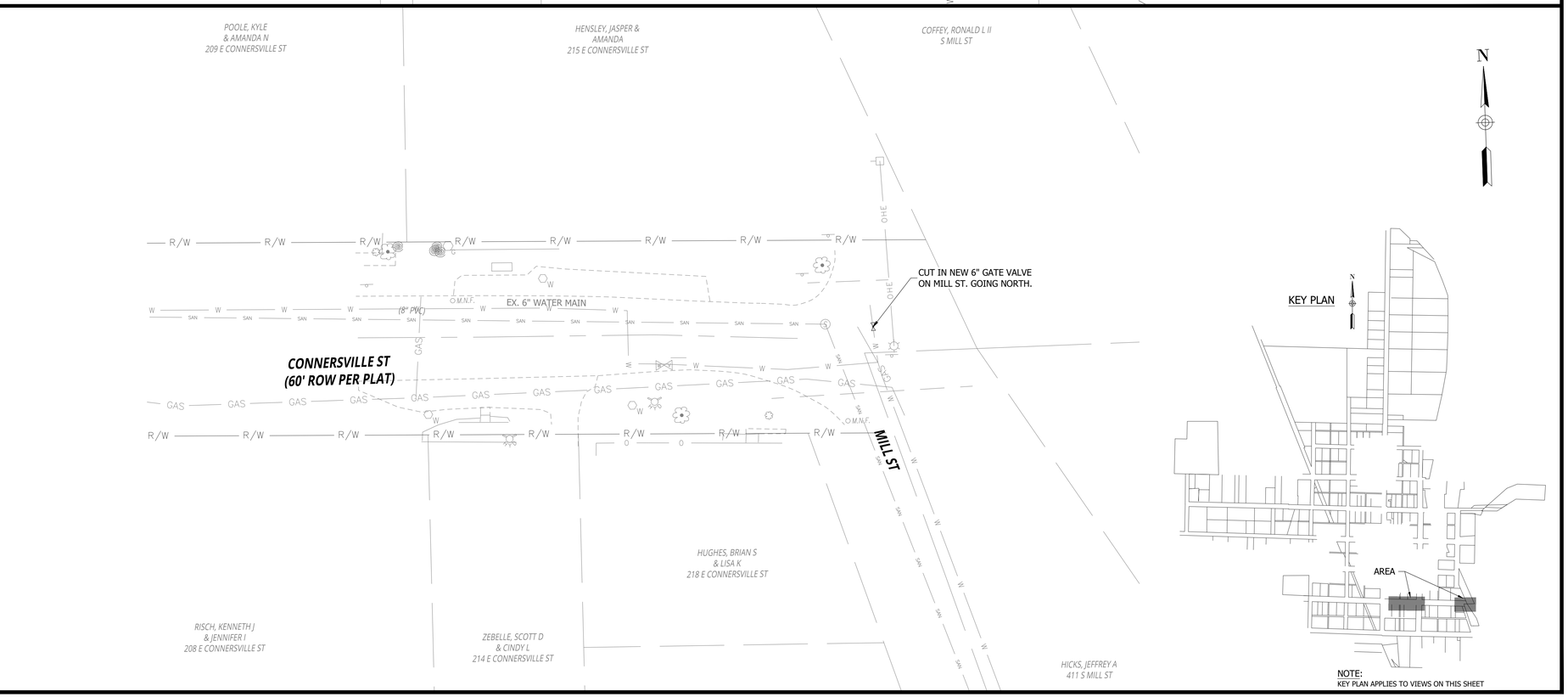
BRACING UTILITY POLES MAY BE REQUIRED. CONTRACTOR TO COORDINATE WITH UTILITY TO DETERMINE PROTECTION METHOD.





KEY PLAN

NOTE:
KEY PLAN APPLIES TO VIEWS ON THIS SHEET

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

WHITNEY M. WEIDENBENNER
REGISTERED
No. PE12300447
STATE OF INDIANA
PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

PROPOSED WATER MAIN IMPROVEMENTS PLAN CONNERSVILLE ST

C122

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 4:31 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\CONNERSVILLE STREET.DWG

KEY NOTES

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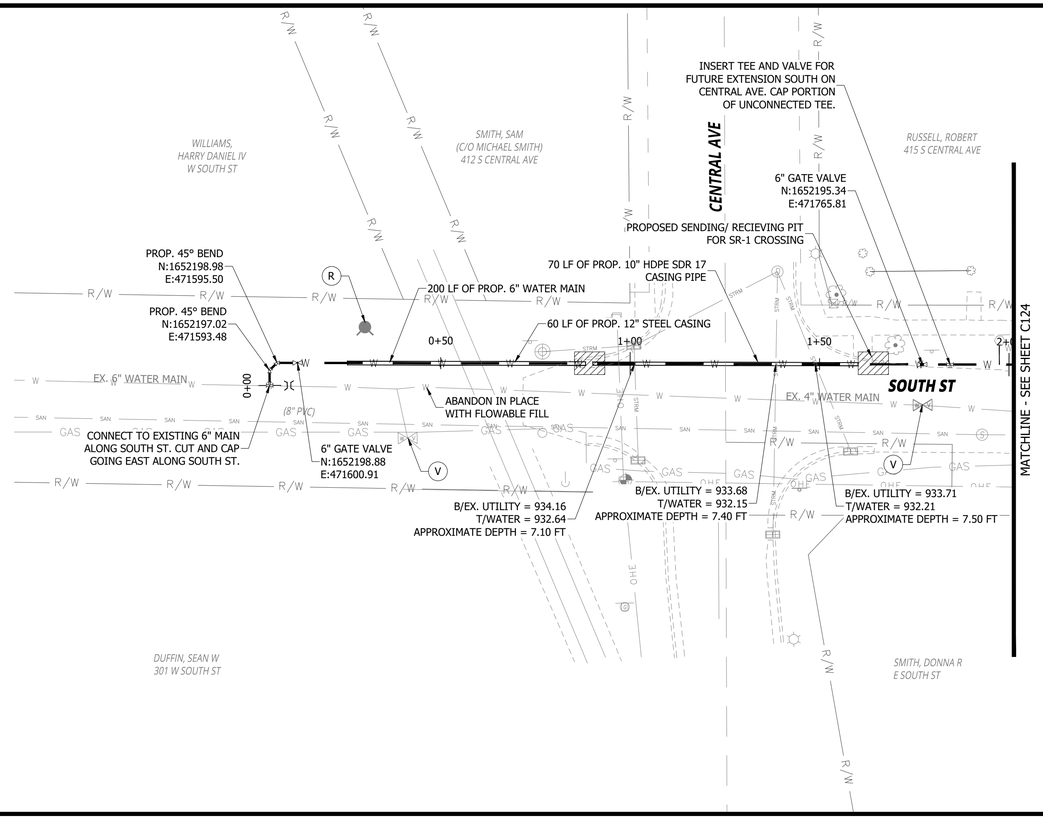

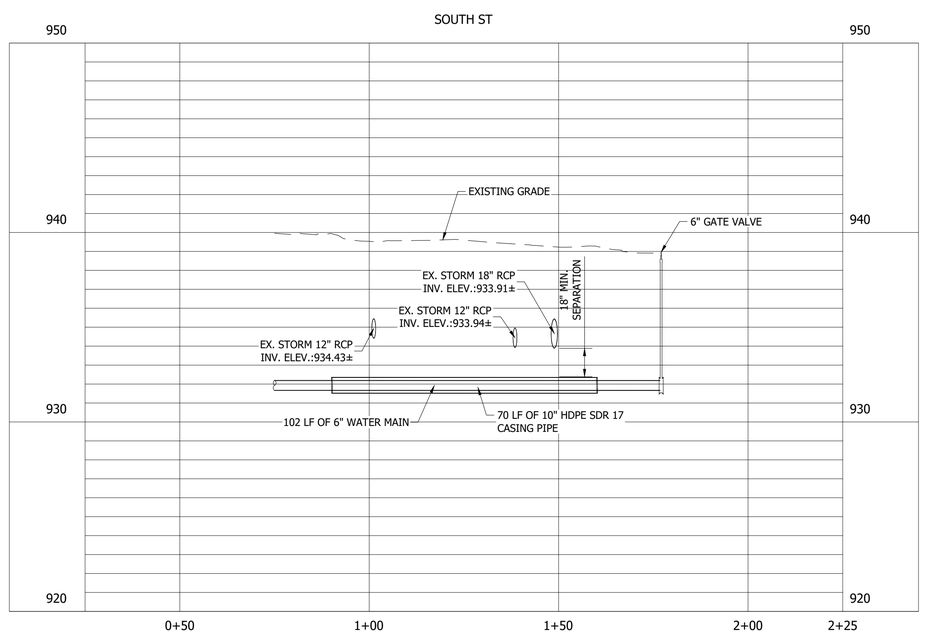

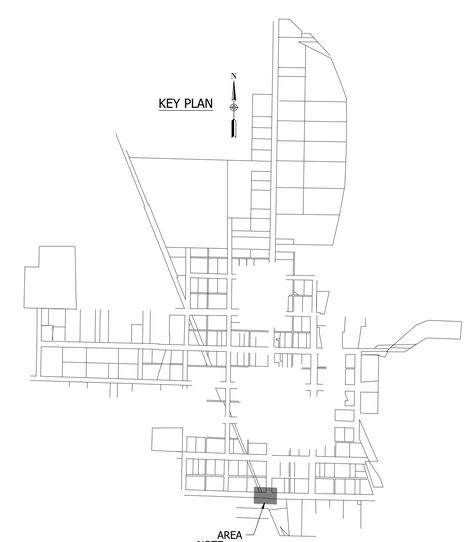

NOTE:
KEY PLAN APPLIES TO VIEWS ON THIS SHEET

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

WHITNEY M. WEIDENBENNER REGISTERED No. PE12300447 STATE OF INDIANA PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

PROPOSED WATER MAIN IMPROVEMENTS PLAN SOUTH ST

C123

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 4:42 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\SOUTH STREET.DWG

KEY NOTES

- (S) CONNECT TO EXISTING WATER METER. ALL METERS IN TOWN WILL BE REPLCED BY CONTRACTOR. ALL SERVICES CONNECTED TO REPLACED WATER MAINS MUST BE RECONNECTED WITH NEW METERS SET. SEE SHEET C401 FOR LIST OF EXISTING CUSTOMERS.
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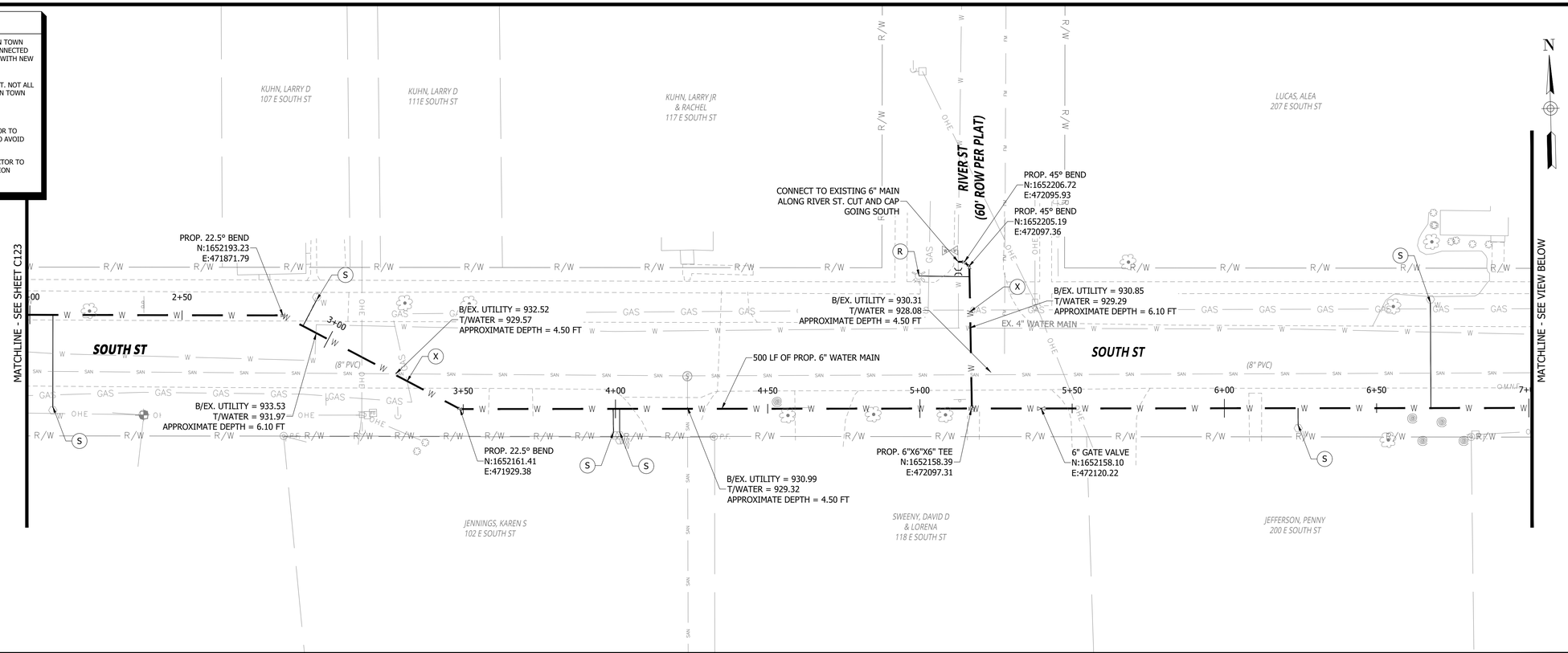

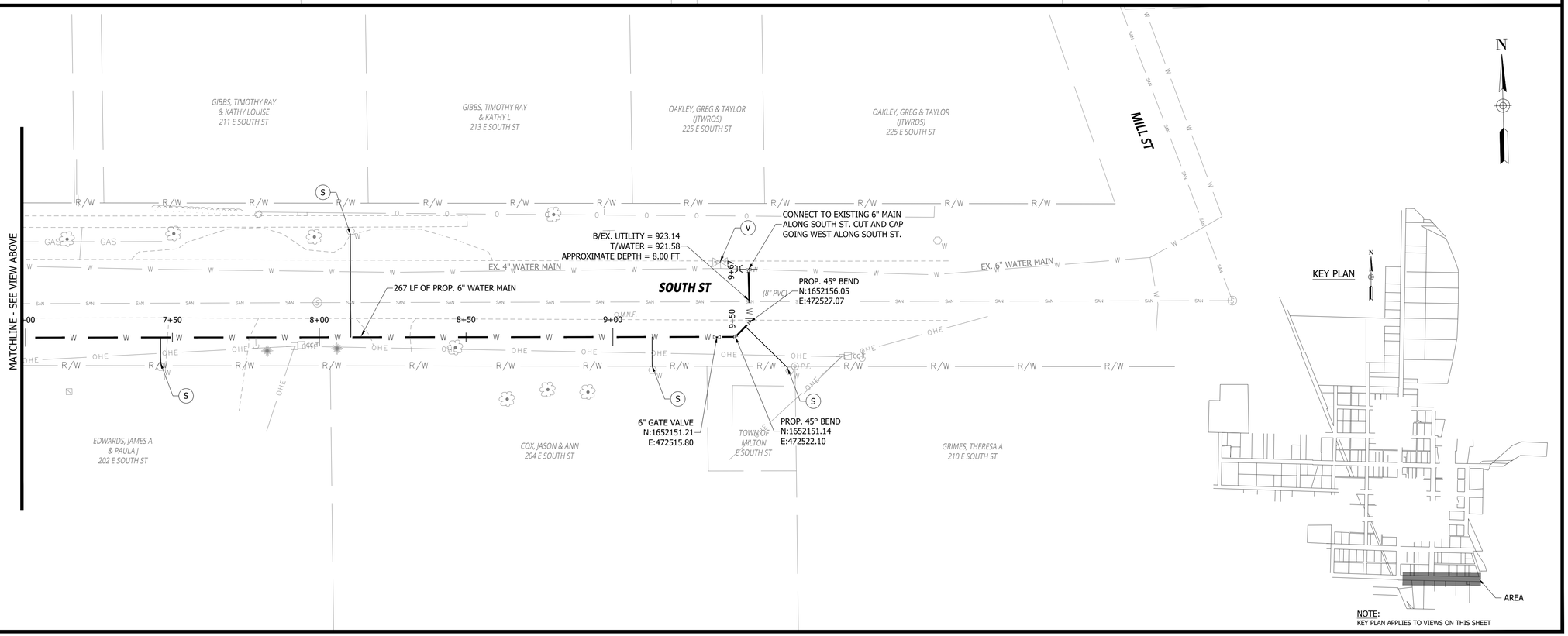

KEY PLAN

NOTE:
KEY PLAN APPLIES TO VIEWS ON THIS SHEET

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

WHITNEY M. WEIDENBENNER
REGISTERED
No.
PE12300447
STATE OF
INDIANA
PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

PROPOSED WATER MAIN IMPROVEMENTS PLAN
SOUTH ST

C124

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 4:42 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\SOUTH STREET.DWG

KEY NOTES

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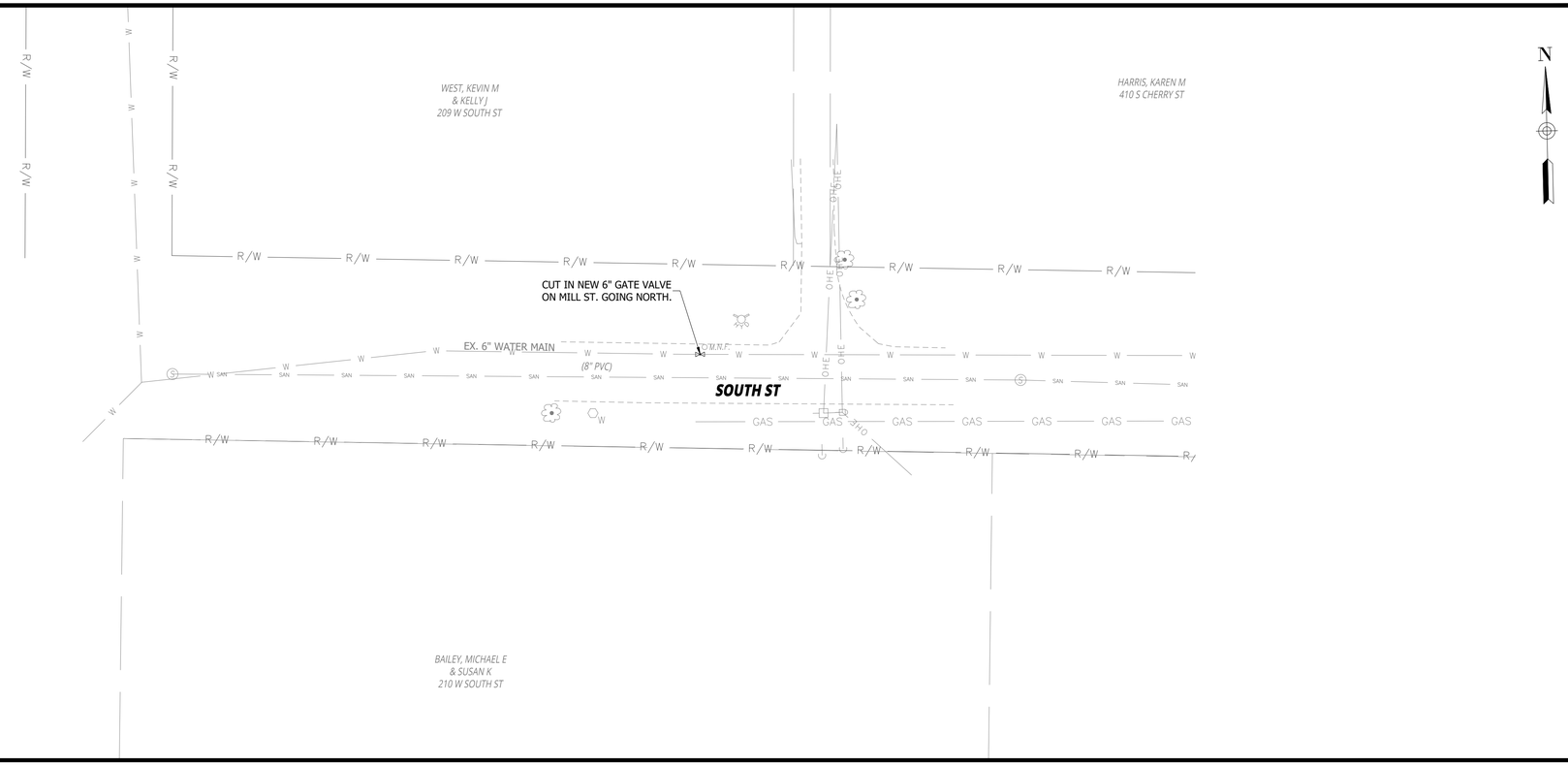
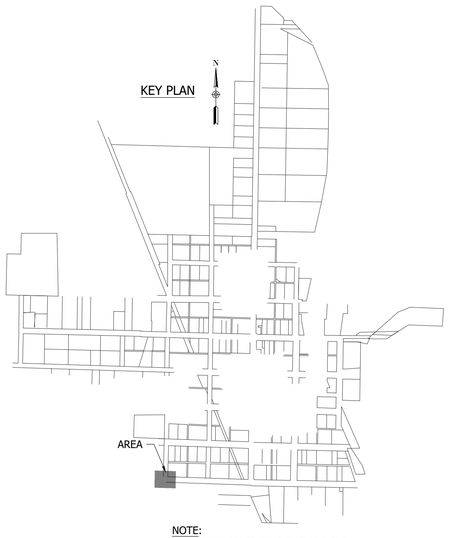




NOTE:
KEY PLAN APPLIES TO VIEWS ON THIS SHEET

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

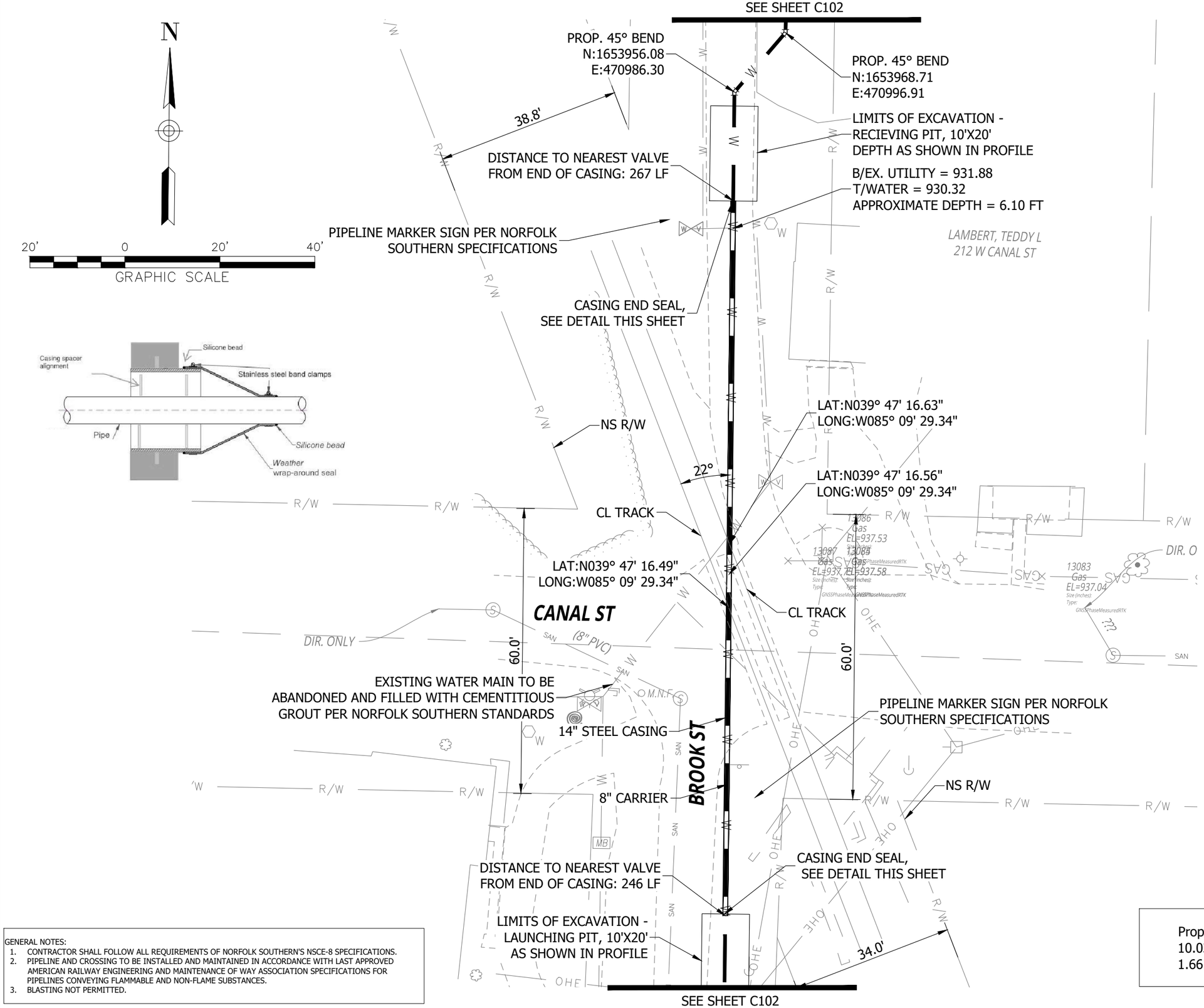
WHITNEY M. WEIDENBENNER
REGISTERED
No.
PE12300447
STATE OF
INDIANA
PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

PROPOSED WATER MAIN IMPROVEMENTS PLAN SOUTH ST

C125

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 4:42 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\SOUTH STREET.DWG



GENERAL NOTES:
1. CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF NORFOLK SOUTHERN'S NSCE-8 SPECIFICATIONS.
2. PIPELINE AND CROSSING TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LAST APPROVED AMERICAN RAILWAY ENGINEERING AND MAINTENANCE OF WAY ASSOCIATION SPECIFICATIONS FOR PIPELINES CONVEYING FLAMMABLE AND NON-FLAME SUBSTANCES.
3. BLASTING NOT PERMITTED.

Proposed Crossing:
10.03 miles to Connersville/
1.66 miles to Cambridge City

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: JDP & WMW

DRAWN BY: RLH

CHECKED BY: ALC

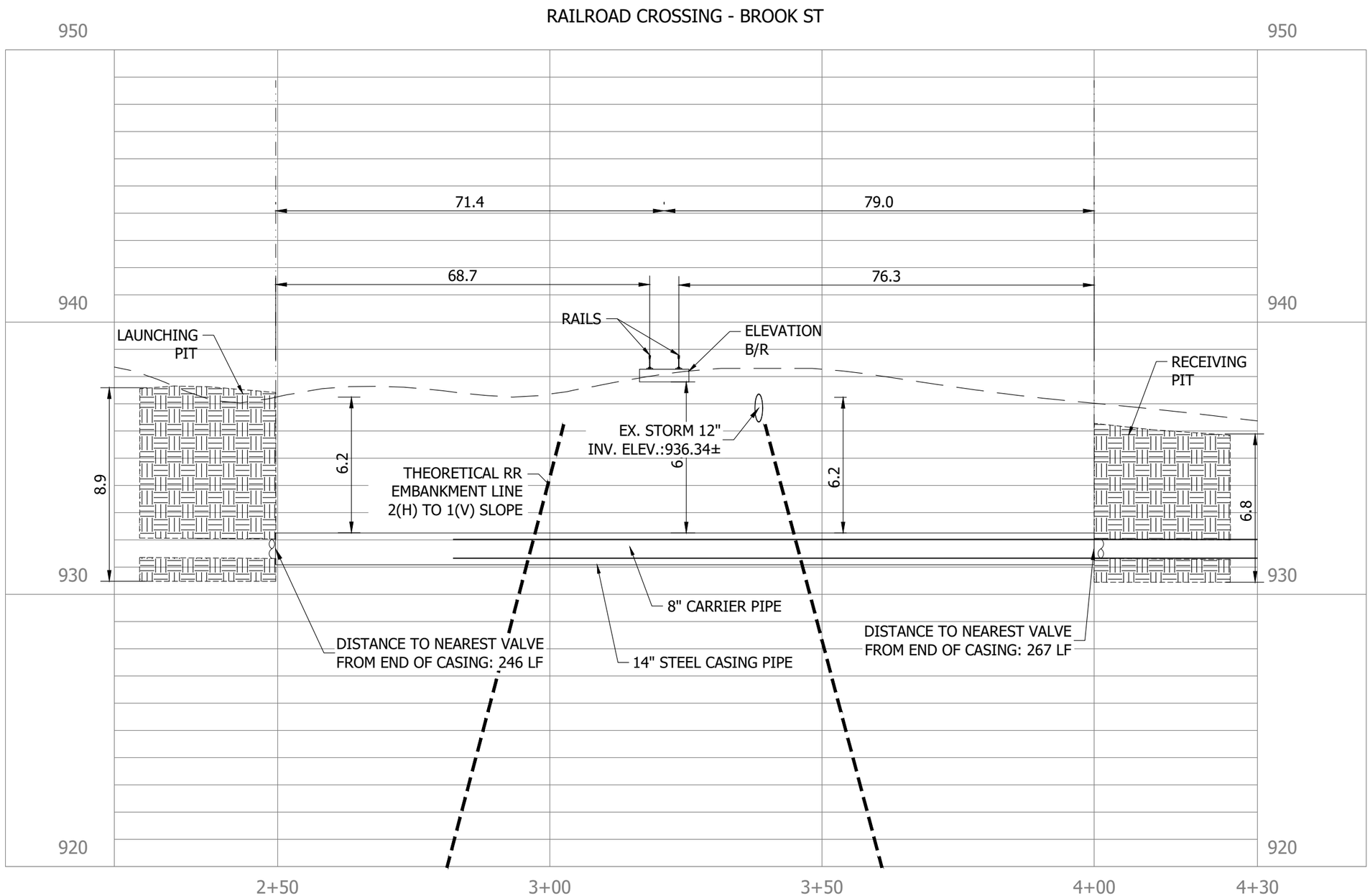
DATE: 04/24/2023

WHITNEY M. WEIDENBENNER
REGISTERED
No. PE12300447
STATE OF INDIANA
PROFESSIONAL ENGINEER

RR CROSSING PLAN VIEW

C201

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 4:58 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\C200 RAILROAD CROSSING AND PROFILE.DWG



GENERAL NOTES:

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3. BLASTING NOT PERMITTED.

20' 0 20' 40'

GRAPHIC SCALE

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: JDP & WMW

DRAWN BY: RLH

CHECKED BY: ALC

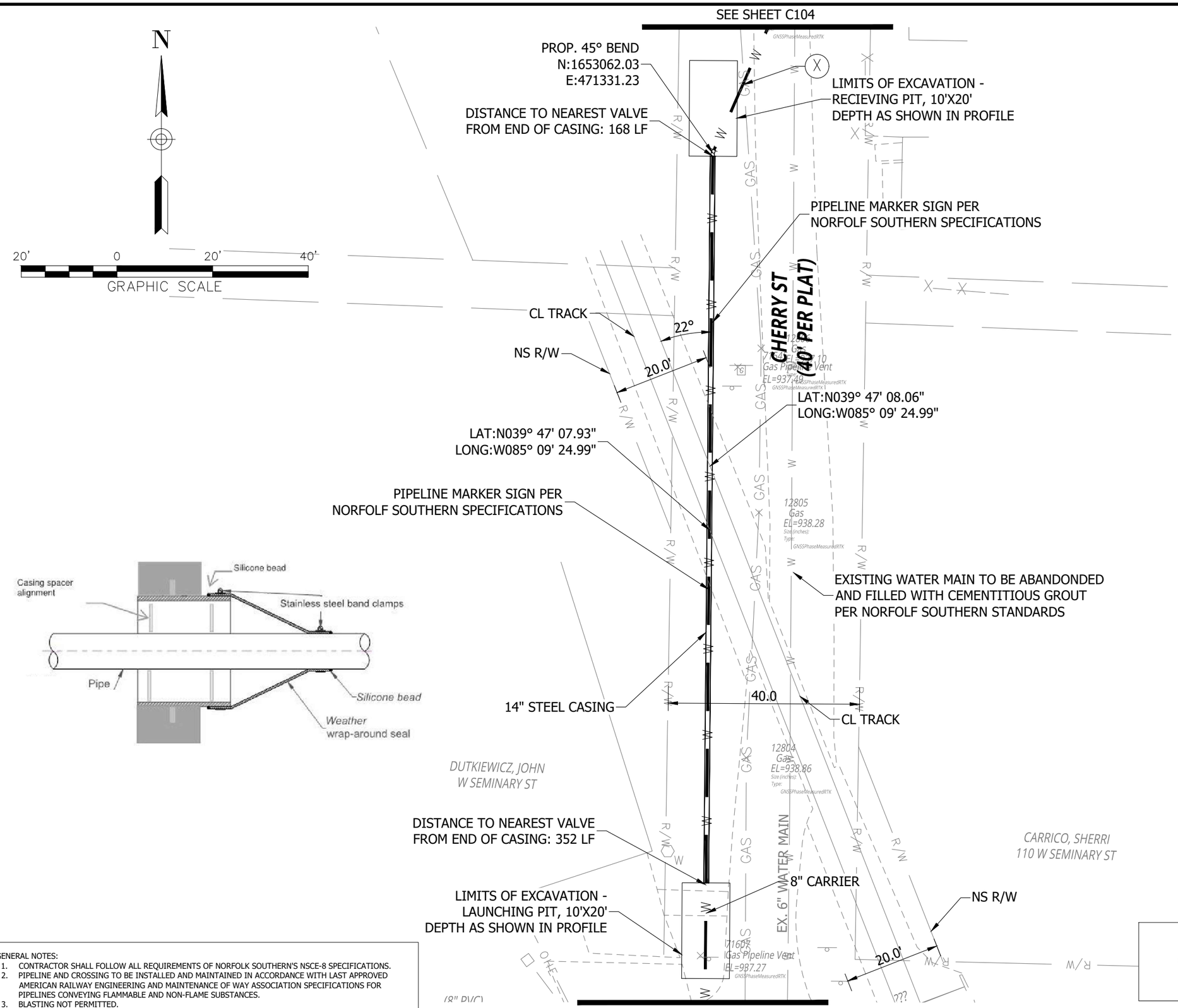
DATE: 04/24/2023

WHITNEY M. WEIDENBENNER
REGISTERED
No.
PE12300447
STATE OF
INDIANA
PROFESSIONAL ENGINEER

RR CROSSING PROFILE VIEW

C202

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 4:58 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\C200 RAILROAD CROSSING AND PROFILE.DWG



GENERAL NOTES:
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3. BLASTING NOT PERMITTED.

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

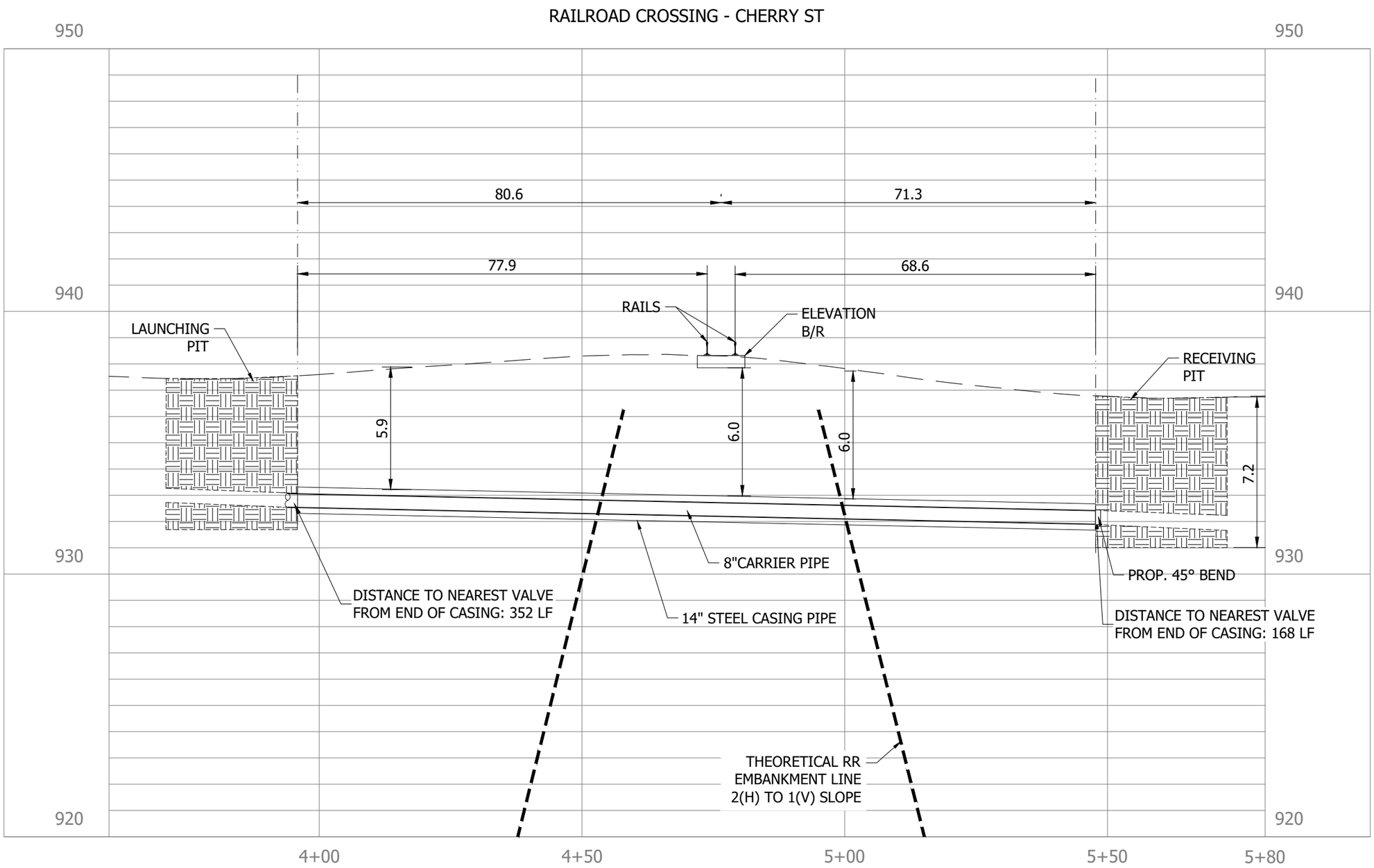
PROJECT #: 22-400-230-1
DESIGNED BY: JDP & WMW
DRAWN BY: RLH
CHECKED BY: ALC
DATE: 04/24/2023

WHITNEY M. WEIDENBENNER
REGISTERED
No. PE12300447
STATE OF INDIANA
PROFESSIONAL ENGINEER

RR CROSSING PLAN VIEW

C205

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 4:58 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\S ACAD\PLAN SHEETS & WORKING DRAWINGS\C200 RAILROAD CROSSING AND PROFILE.DWG



GENERAL NOTES:
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3. BLASTING NOT PERMITTED.

20' 0 20' 40'
GRAPHIC SCALE

RQAW
DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

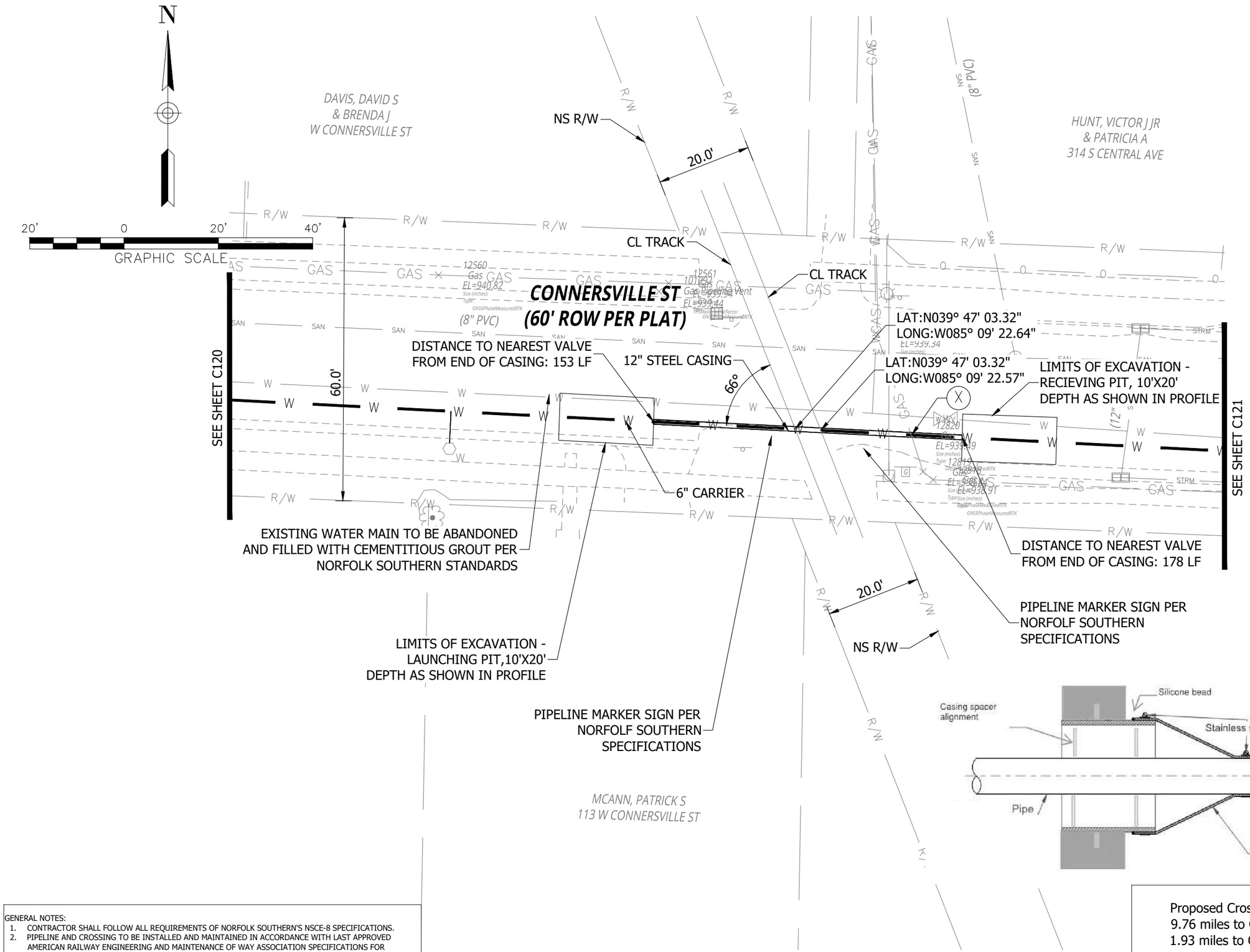
PROJECT #: 22-400-230-1
DESIGNED BY: JDP & WMW
DRAWN BY: RLH
CHECKED BY: ALC
DATE: 04/24/2023

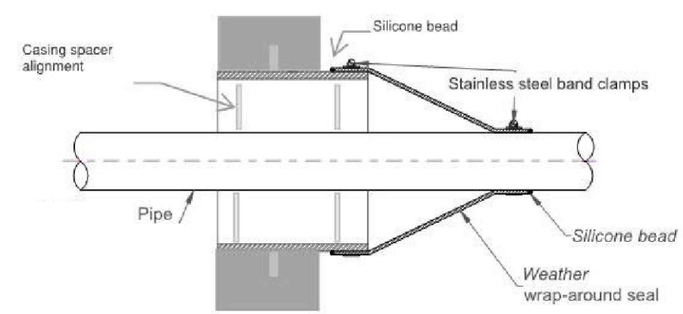
WHITNEY M. WEIDENBENNER
REGISTERED
No. PE12300447
STATE OF INDIANA
PROFESSIONAL ENGINEER

RR CROSSING PROFILE VIEW

C206

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 4:58 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\C200 RAILROAD CROSSING AND PROFILE.DWG





Proposed Crossing:
9.76 miles to Connersville/
1.93 miles to Cambridge City

GENERAL NOTES:
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3. BLASTING NOT PERMITTED.

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

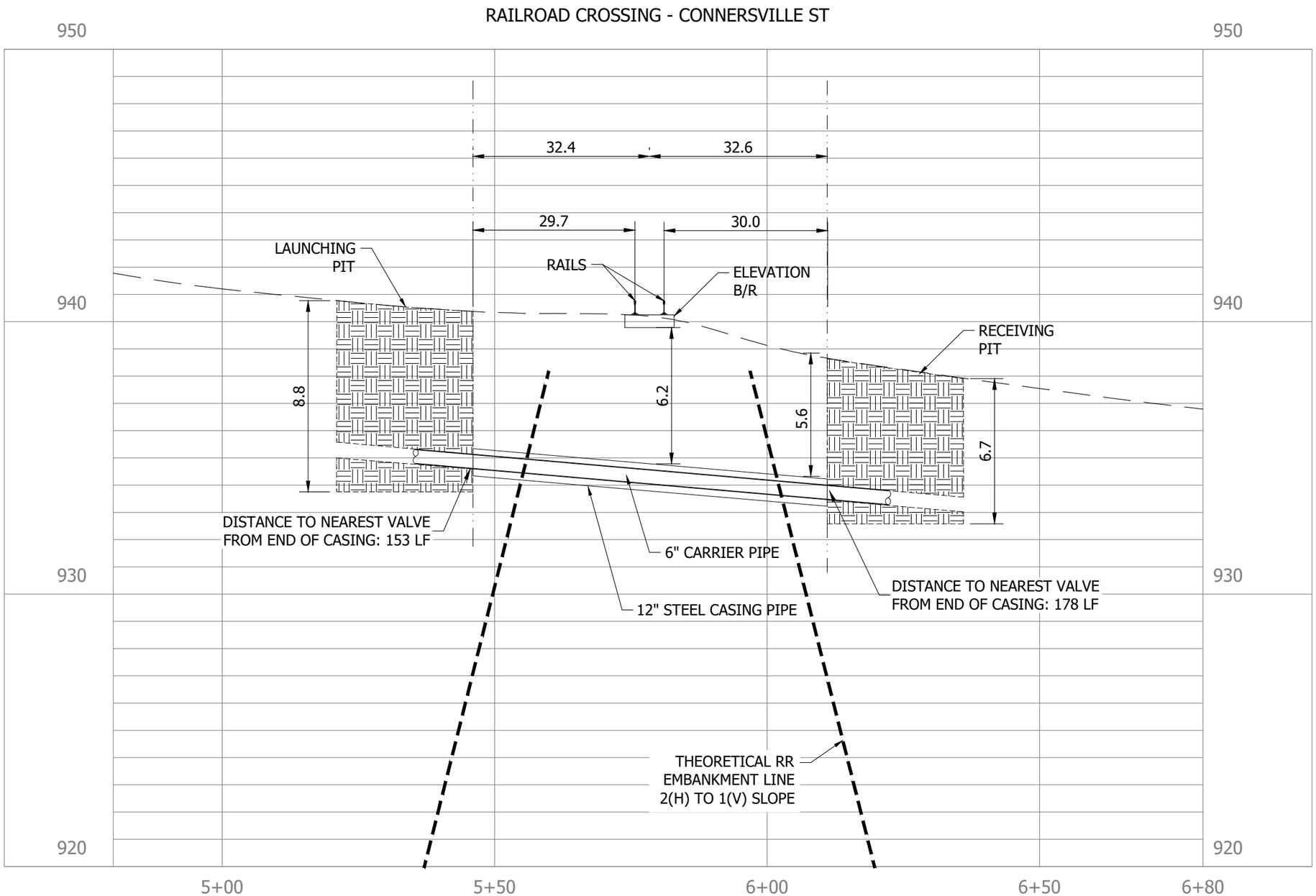
PROJECT #: 22-400-230-1
DESIGNED BY: JDP & WMW
DRAWN BY: RLH
CHECKED BY: ALC
DATE: 04/24/2023

WHITNEY M. WEIDENBENNER
REGISTERED
No. PE12300447
STATE OF INDIANA
PROFESSIONAL ENGINEER

RR CROSSING PLAN VIEW

C207

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 4:58 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\C200 RAILROAD CROSSING AND PROFILE.DWG



GENERAL NOTES:
1. CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF NORFOLK SOUTHERN'S NSCE-8 SPECIFICATIONS.
2. PIPELINE AND CROSSING TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LAST APPROVED AMERICAN RAILWAY ENGINEERING AND MAINTENANCE OF WAY ASSOCIATION SPECIFICATIONS FOR PIPELINES CONVEYING FLAMMABLE AND NON-FLAME SUBSTANCES.
3. BLASTING NOT PERMITTED.

20' 0 20' 40'
GRAPHIC SCALE

RQAW
DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1
DESIGNED BY: JDP & WMW
DRAWN BY: RLH
CHECKED BY: ALC
DATE: 04/24/2023

WHITNEY M. WEIDENBENNER
REGISTERED
No. PE12300447
STATE OF INDIANA
PROFESSIONAL ENGINEER

RR CROSSING PROFILE VIEW

C208

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 4:58 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\C200 RAILROAD CROSSING AND PROFILE.DWG

N

20' 0 20' 40'

GRAPHIC SCALE

WILLIAMS,
HARRY DANIEL IV
W SOUTH ST

SMITH, SAM
(C/O MICHAEL SMITH)
412 S CENTRAL AVE

CENTRAL AVE

RUSSELL, ROBERT
415 S CENTRAL AVE

NS R/W

20.0'

CL TRACK

LAT:N039° 47' 00.15"
LONG:W085° 09' 21.03"

LAT:N039° 47' 00.15"
LONG:W085° 09' 20.97"

50.2'

PIPELINE MARKER SIGN
PER NORFOLK SOUTHERN
SPECIFICATIONS

LIMITS OF EXCAVATION -
RECIEVING PIT, 10'X20'
DEPTH AS SHOWN IN PROFILE

B/EX. UTILITY = 933.68
T/WATER = 932.15
APPROXIMATE DEPTH = 7.40 FT

B/EX. UTILITY = 933.71
T/WATER = 932.21
APPROXIMATE DEPTH = 7.50 FT

PIPELINE MARKER SIGN PER
NORFOLK SOUTHERN SPECIFICATIONS

DISTANCE TO NEAREST VALVE
FROM END OF CASING: 13 LF

67°

EX. 6" WATER MAIN

12" STEEL CASING

6" CARRIER

50.0'

LIMITS OF EXCAVATION -
LAUNCHING PIT, 10'X20'
DEPTH AS SHOWN IN PROFILE

B/EX. UTILITY = 934.16
T/WATER = 932.64
APPROXIMATE DEPTH = 7.10 FT

DISTANCE TO NEAREST VALVE
FROM END OF CASING: 89 LF

EX. 4" WATER MAIN

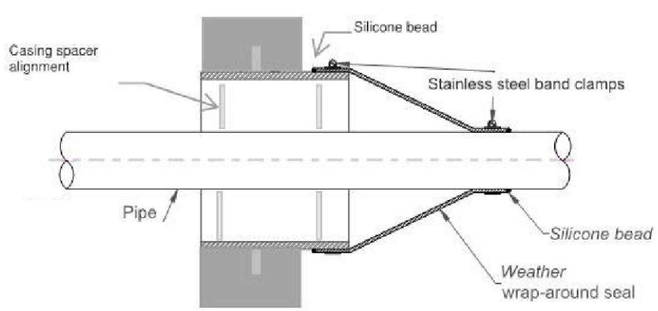
SOUTH ST

SEE SHEET C124

EXISTING WATER MAIN TO BE ABANDONED
AND FILLED WITH CEMENTITOUS
GROUT PER NORFOLK
SOUTHERN STANDARDS

CL TRACK

SMITH, DONNA R
E SOUTH ST



GENERAL NOTES:
1. CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF NORFOLK SOUTHERN'S NSCE-8 SPECIFICATIONS.
2. PIPELINE AND CROSSING TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LAST APPROVED AMERICAN RAILWAY ENGINEERING AND MAINTENANCE OF WAY ASSOCIATION SPECIFICATIONS FOR PIPELINES CONVEYING FLAMMABLE AND NON-FLAME SUBSTANCES.
3. BLASTING NOT PERMITTED.

Proposed Crossing:
9.69 miles to Connersville/
2 miles to Cambridge City

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER
SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

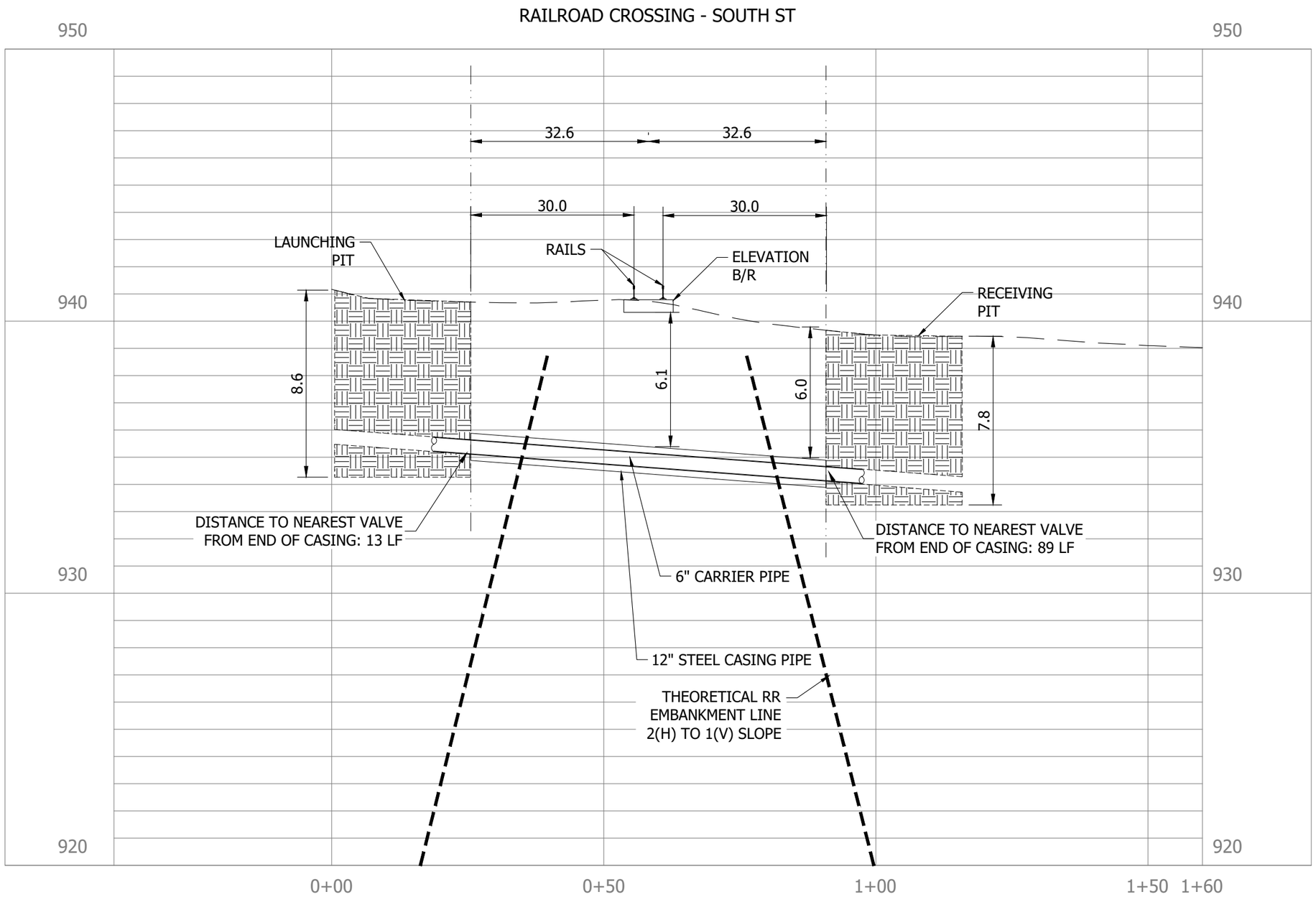
PROJECT #: 22-400-230-1
DESIGNED BY: JDP & WMW
DRAWN BY: RLH
CHECKED BY: ALC
DATE: 04/24/2023

WHITNEY M. WEIDENBENNER
REGISTERED
No. PE12300447
STATE OF INDIANA
PROFESSIONAL ENGINEER

RR CROSSING
PLAN VIW

C209

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 4:58 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\C200 RAILROAD CROSSING AND PROFILE.DWG



GENERAL NOTES:
1. CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF NORFOLK SOUTHERN'S NSCE-8 SPECIFICATIONS.
2. PIPELINE AND CROSSING TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LAST APPROVED AMERICAN RAILWAY ENGINEERING AND MAINTENANCE OF WAY ASSOCIATION SPECIFICATIONS FOR PIPELINES CONVEYING FLAMMABLE AND NON-FLAME SUBSTANCES.
3. BLASTING NOT PERMITTED.

20' 0 20' 40'
GRAPHIC SCALE

RQAW
DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1
DESIGNED BY: JDP & WMW
DRAWN BY: RLH
CHECKED BY: ALC
DATE: 04/24/2023

WHITNEY M. WEIDENBENNER
REGISTERED
No. PE12300447
STATE OF INDIANA
PROFESSIONAL ENGINEER

RR CROSSING PROFILE VIEW

C210

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 4:58 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\C200 RAILROAD CROSSING AND PROFILE.DWG

KEY NOTES

- (S) CONNECT TO EXISTING WATER METER. ALL METERS WILL BE REPLACED AND ALL METERS CONNECTED TO REPLACED MAINS WILL BE RECONNECTED. SEE SHEET C401 FOR LIST OF EXISTING CUSTOMERS.
- (R) RECONNECT TO EXISTING FIRE HYDRANT
- (V) REMOVE/SEAL EXISTING REPLACED MAINLINE VALVE
- (X) POTENTIAL UTILITY CONFLICT LOCATION. CONTRACTOR TO FIELD VERIFY AND MAKE ADJUSTMENTS AS NEEDED TO AVOID UTILITY.

  BRACING UTILITY POLES MAY BE REQUIRED. CONTRACTOR TO COORDINATE WITH UTILITY TO DETERMINE PROTECTION METHOD.

NOTE:

1. CONTRACTOR TO ENSURE MINIMAL DISTURBANCE OF EXISTING EQUIPMENT. IF EQUIPMENT IS TO BE MOVED, COORDINATE WITH OWNER. ENSURE ALL EQUIPMENT IS PROPERLY INTEGRATED INTO EXISTING SYSTEM AFTER PROJECT COMPLETION.
2. ALL WORK SHOWN ON THIS SHEET TO BE INCLUDED IN CONTRACT SHOWN IN SPECIFICATION 01 20 00.

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

WHITNEY M. WEIDENBENNER REGISTERED No. PE12300447 STATE OF INDIANA PROFESSIONAL ENGINEER

10' 0 10' 20'

GRAPHIC SCALE

WATER TREATMENT PLANT SITE PLAN

C300

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 12/31/24 - 4:58 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\C300 WATER TREATMENT PLANT SITE PLAN.DWG

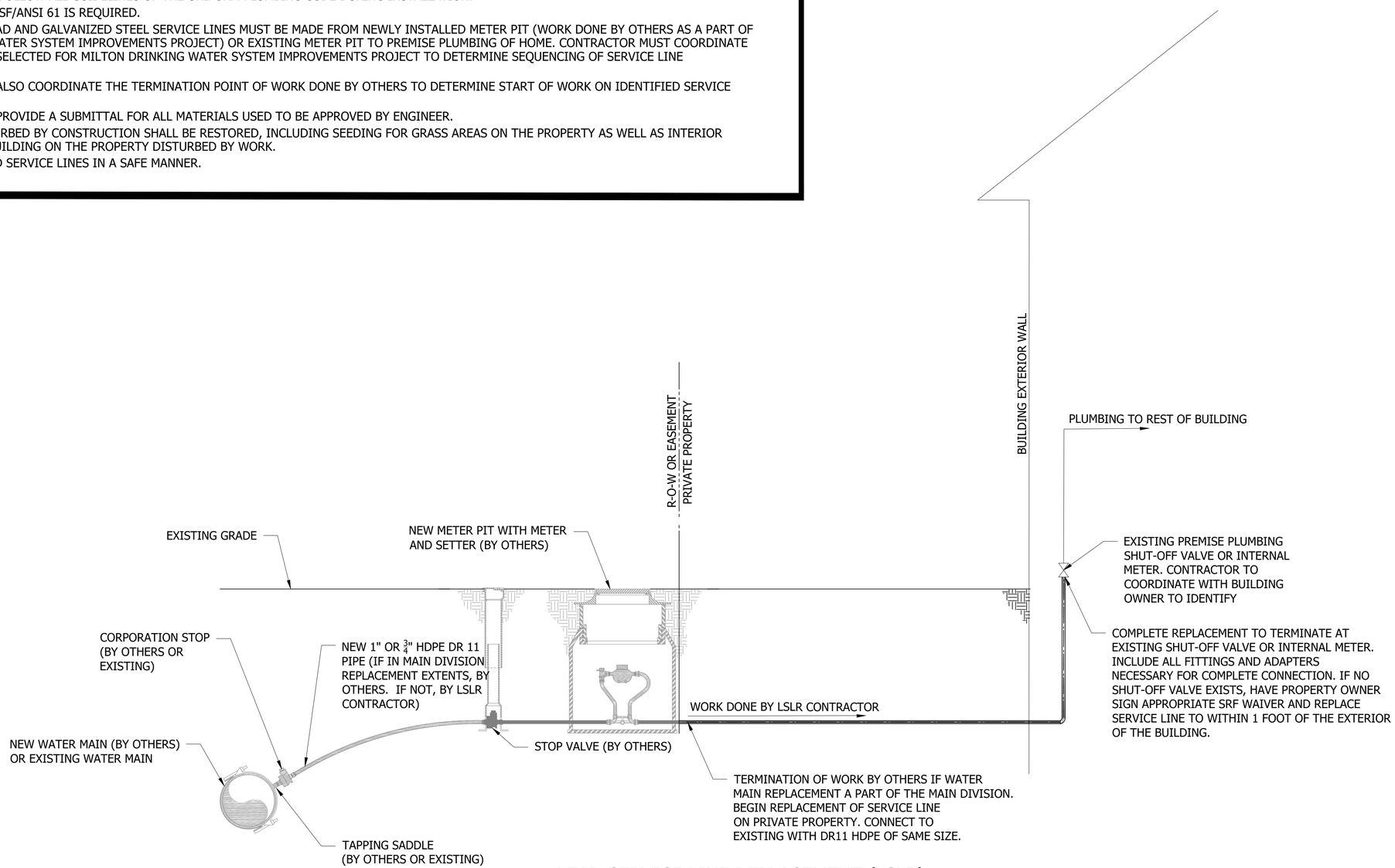
GENERAL NOTES

HOMEOWNER COORDINATION:

1. RIGHT-OF-ENTRY (ROE) IS REQUIRED PRIOR TO ENTRY OF ANY PRIVATELY OWNED PROPERTY TO DO WORK. ROE WILL BE SECURED AND PROVIDED BY THE TOWN.
2. CONTRACTOR SHALL WORK WITH TOWN TO ADDRESS COMMUNICATIONS TO TOWN CUSTOMERS WHICH INCLUDES BUT IS NOT LIMITED TO:
   a. CONTRACTOR TO FIRST NOTIFY EACH HOMEOWNER OF WORK SCHEDULED AT THEIR PROPERTY 2 WEEKS PRIOR.
   b. CONTRACTOR TO SEND REMINDER NOTIFICATION TO EACH HOMEOWNER AT LEAST 3 DAYS PRIOR TO WORK.
3. ENSURE COMPANY VEHICLES, UNIFORMS, AND OTHER SIGNAGE TO IDENTIFY CONTRACTORS IS PRESENT FOR HOMEOWNERS.

PROJECT CONSIDERATIONS:

1. CONTRACTOR SHALL FOLLOW ALL AWWA STANDARDS FOR SERVICE LINE REPLACEMENT INCLUDING AWWA C800-21 UNDERGROUND SERVICE LINE VALVES AND FITTINGS AND AWWA C810-17 REPLACEMENT AND FLUSHING OF LEAD SERVICE LINES. CONTRACTOR TO FOLLOW THESE STANDARDS FOR ALL PIPE MATERIAL TYPES.
2. CONTRACTOR SHALL FOLLOW ALL GUIDELINES OF THE UNIFORM PLUMBING CODE DURING INSTALLATION.
3. COMPLIANCE WITH NSF/ANSI 61 IS REQUIRED.
4. REPLACEMENT OF LEAD AND GALVANIZED STEEL SERVICE LINES MUST BE MADE FROM NEWLY INSTALLED METER PIT (WORK DONE BY OTHERS AS A PART OF MILTON DRINKING WATER SYSTEM IMPROVEMENTS PROJECT) OR EXISTING METER PIT TO PREMISE PLUMBING OF HOME. CONTRACTOR MUST COORDINATE WITH CONTRACTOR SELECTED FOR MILTON DRINKING WATER SYSTEM IMPROVEMENTS PROJECT TO DETERMINE SEQUENCING OF SERVICE LINE REPLACEMENTS.
5. CONTRACTOR MUST ALSO COORDINATE THE TERMINATION POINT OF WORK DONE BY OTHERS TO DETERMINE START OF WORK ON IDENTIFIED SERVICE LINES.
6. CONTRACTOR MUST PROVIDE A SUBMITTAL FOR ALL MATERIALS USED TO BE APPROVED BY ENGINEER.
7. ALL PROPERTY DISTURBED BY CONSTRUCTION SHALL BE RESTORED, INCLUDING SEEDING FOR GRASS AREAS ON THE PROPERTY AS WELL AS INTERIOR PORTIONS OF ANY BUILDING ON THE PROPERTY DISTURBED BY WORK.
8. DISPOSE OF ALL LEAD SERVICE LINES IN A SAFE MANNER.



1 LEAD SERVICE LINE REPLACEMENT (LSLR)
NOT TO SCALE

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

WHITNEY M. WEIDENBENNER REGISTERED No. PE12300447 STATE OF INDIANA PROFESSIONAL ENGINEER

LEAD SERVICE LINE REPLACEMENT DETAIL

C400

PRINT DATE: 12/5/24
PLOT SCALE: 1:186.91 EDIT DATE: 7/17/23 - 9:38 AM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\NON-OCRA DIVISION\PLAN SHEETS & WORKING DRAWINGS\C400 LSLR DETAIL.DWG

ADDRESS	TOWN	STATE	ZIP
212 N River Street	Milton	IN	47357
102 E. South St. - #1	Milton	IN	47357
102 E. South St. - #4	Milton	IN	47357
102 E. South St. - #6	Milton	IN	47357
103 E. Canal Street	Milton	IN	47357
106 E North Street	Milton	IN	47357
106 W North Street	Milton	IN	47357
107 E. Connersville	Milton	IN	47357
107 E. Walnut Street	Milton	IN	47357
108 E Connersville St	Milton	IN	47357
108 E Seminary Street	Milton	IN	47357
108 N Cherry Street	Milton	IN	47357
110 E Canal Street	Milton	IN	47357
110 E Walnut Street	Milton	IN	47357
110 W Walnut Street	Milton	IN	47357
115 E Main Street	Milton	IN	47357
115 E North Street	Milton	IN	47357
115 N Brook Street	Milton	IN	47357
116 N Central Avenue	Milton	IN	47357
118 E. South St.	Milton	IN	47357
123 W Main Street	Milton	IN	47357
15091 Cemetery Road	Milton	IN	47357
15115 Cemetery Road	Milton	IN	47357
15129 Cemetery Road	Milton	IN	47357
200 E Main Street	Milton	IN	47357
200 E Walnut Street	Milton	IN	47357
207 S Central Avenue	Milton	IN	47357
208 S Central Avenue	Milton	IN	47357
208 W Cherry Street	Milton	IN	47357
210 W South Street	Milton	IN	47357
212 E Seminary Street	Milton	IN	47357
212 N Central Avenue	Milton	IN	47357
214 N Central Avenue	Milton	IN	47357
235 S. Mill Street Pl	Milton	IN	47357
2663 S State Road 1	Milton	IN	47357

ADDRESS	TOWN	STATE	ZIP
2775 S State Road 1	Milton	IN	47357
2821 S State Road 1	Milton	IN	47357
2901 S State Road 1	Milton	IN	47357
300 W Main Street	Milton	IN	47357
302 W Walnut Street	Milton	IN	47357
303 N Central Avenue	Milton	IN	47357
304 W Walnut Street	Milton	IN	47357
305 Lee Street Lot 1	Milton	IN	47357
305 S Mill Street	Milton	IN	47357
306 Lee Street Lot 2	Milton	IN	47357
306 S Mill Street	Milton	IN	47357
307 Lee Street Lot 3	Milton	IN	47357
307 N Cherry Street	Milton	IN	47357
309 W Main Street	Milton	IN	47357
311 N Central Avenue	Milton	IN	47357
314 N Central Avenue	Milton	IN	47357
314 W Walnut Street	Milton	IN	47357
315 N Central Avenue	Milton	IN	47357
3301 - 3595 Kerber Rd	Milton	IN	47357
339 S. River Street	Milton	IN	47357
3505 Holtsclaw Road	Milton	IN	47357
3506 Holtsclaw Rd.	Milton	IN	47357
3510 Holtsclaw Road	Milton	IN	47357
402 W Main Street	Milton	IN	47357
403 W Walnut Street	Milton	IN	47357
409 W Main Street	Milton	IN	47357
411 W Main Street	Milton	IN	47357
415 W Main Street	Milton	IN	47357
415 W Walnut Street	Milton	IN	47357
500 W Main Street	Milton	IN	47357
301 W South St	Milton	IN	47357
204 W Connersville	Milton	IN	47357
107 W Seminary	Milton	IN	47357
3506 Holtsclaw Rd.	Milton	IN	47357

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

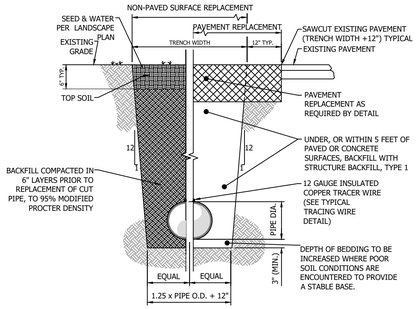
DATE: 12/16/2024

WHITNEY M. WEIDENBENNER REGISTERED No. PE12300447 STATE OF INDIANA PROFESSIONAL ENGINEER

ELIGIBLE LSL LIST

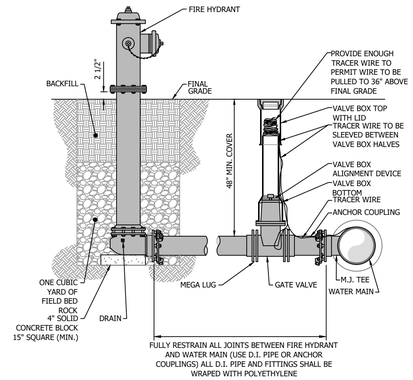
C401

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 11/21/24 - 3:00 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\C401 ELIGIBLE LSL LIST.DWG

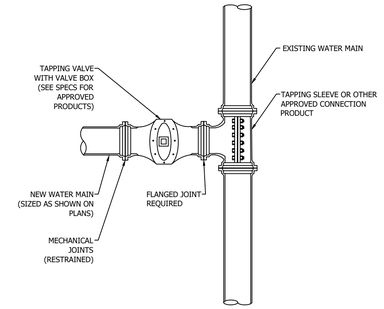


* CONTRACTOR TO UTILIZE INDOT STANDARD DETAILS FOR ANY SECTIONS OF PAVEMENT REPAIR INSIDE INDOT ROW.

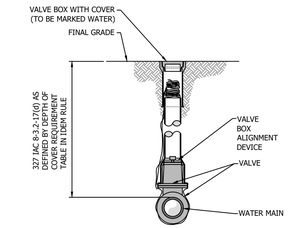
1 FORCE MAIN AND WATER MAIN TRENCH DETAIL (OUTSIDE INDOT ROW)
NOT TO SCALE



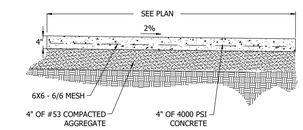
2 FIRE HYDRANT ASSEMBLY DETAIL
NOT TO SCALE



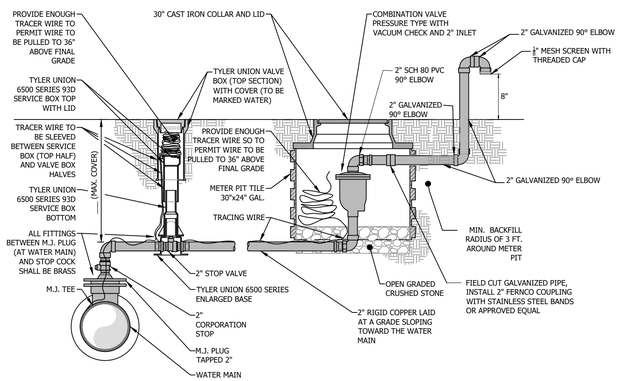
3 WATER MAIN TAPPING DETAIL
NOT TO SCALE



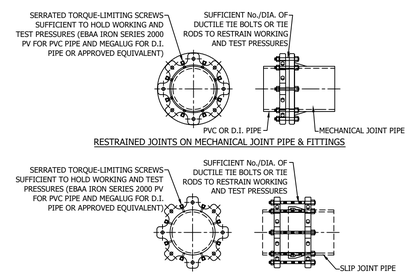
4 GATE VALVE DETAIL
NOT TO SCALE



8 NON-STATE ROAD REPLACEMENT SIDEWALK/DRIVE WAY SECTION
NOT TO SCALE



5 AIR RELIEF ASSEMBLY DETAIL
NOT TO SCALE



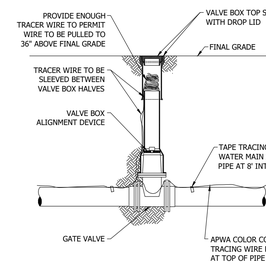
RESTRAINED LENGTHS FOR 6" DIA. PIPE								
DEPTH OF PIPE	5'	5'	5'	5'	10'	10'	10'	10'
BEND ANGLE	11.25°	22.5°	45°	90°	11.25°	22.5°	45°	90°
RESTRAINED LENGTH	2'-0"	3'-0"	5'-0"	12'-0"	1'-0"	2'-0"	4'-0"	8'-0"

RESTRAINED LENGTHS FOR 8" DIA. PIPE								
DEPTH OF PIPE	5'	5'	5'	5'	10'	10'	10'	10'
BEND ANGLE	11.25°	22.5°	45°	90°	11.25°	22.5°	45°	90°
RESTRAINED LENGTH	2'-0"	4'-0"	7'-0"	16'-0"	1'-0"	2'-0"	5'-0"	10'-0"

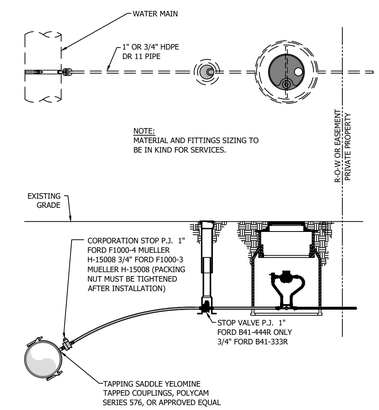
RESTRAINED LENGTHS					
DEPTH OF PIPE	5' of 6" DIA	10' of 6" DIA	5' of 8" DIA	10' of 8" DIA	6"x8" DIA
FITTING TYPE	DEAD END	DEAD END	DEAD END	DEAD END	REDUCER
RESTRAINED LENGTH	31'-0"	31'-0"	40'-0"	40'-0"	16'-0"

NOTES:
1. FOR DEPTHS NOT LISTED ON TABLE, CONTRACTOR IS TO USE DEEPER PIPE.

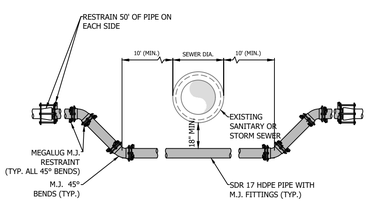
6 WATER MAIN PIPE JOINT RESTRAINT DETAIL
NOT TO SCALE



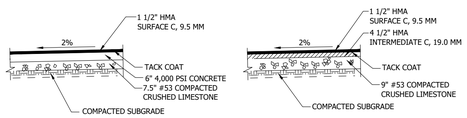
7 TRACING WIRE DETAIL
NOT TO SCALE



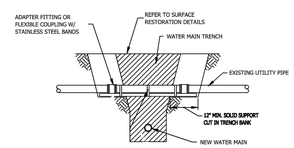
8 METER SERVICE CONNECTION
NOT TO SCALE



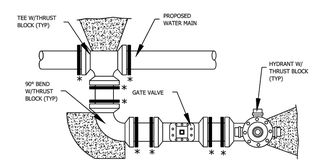
9 OFFSET STORM / SANITARY DETAIL
NOT TO SCALE



10 NON-STATE ROAD REPLACEMENT PAVING DETAIL
NOT TO SCALE



11 REPAIR AND SUPPORT DETAILS OF EXPOSED UTILITIES
NOT TO SCALE



* "MEGALUG" (OR EQUAL) RETAINER GLAND REQUIRED AT ALL FITTINGS.

12 ALTERNATE HYDRANT ASSEMBLY FOR LIMITED DISTANCE TO R/W
NOT TO SCALE

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

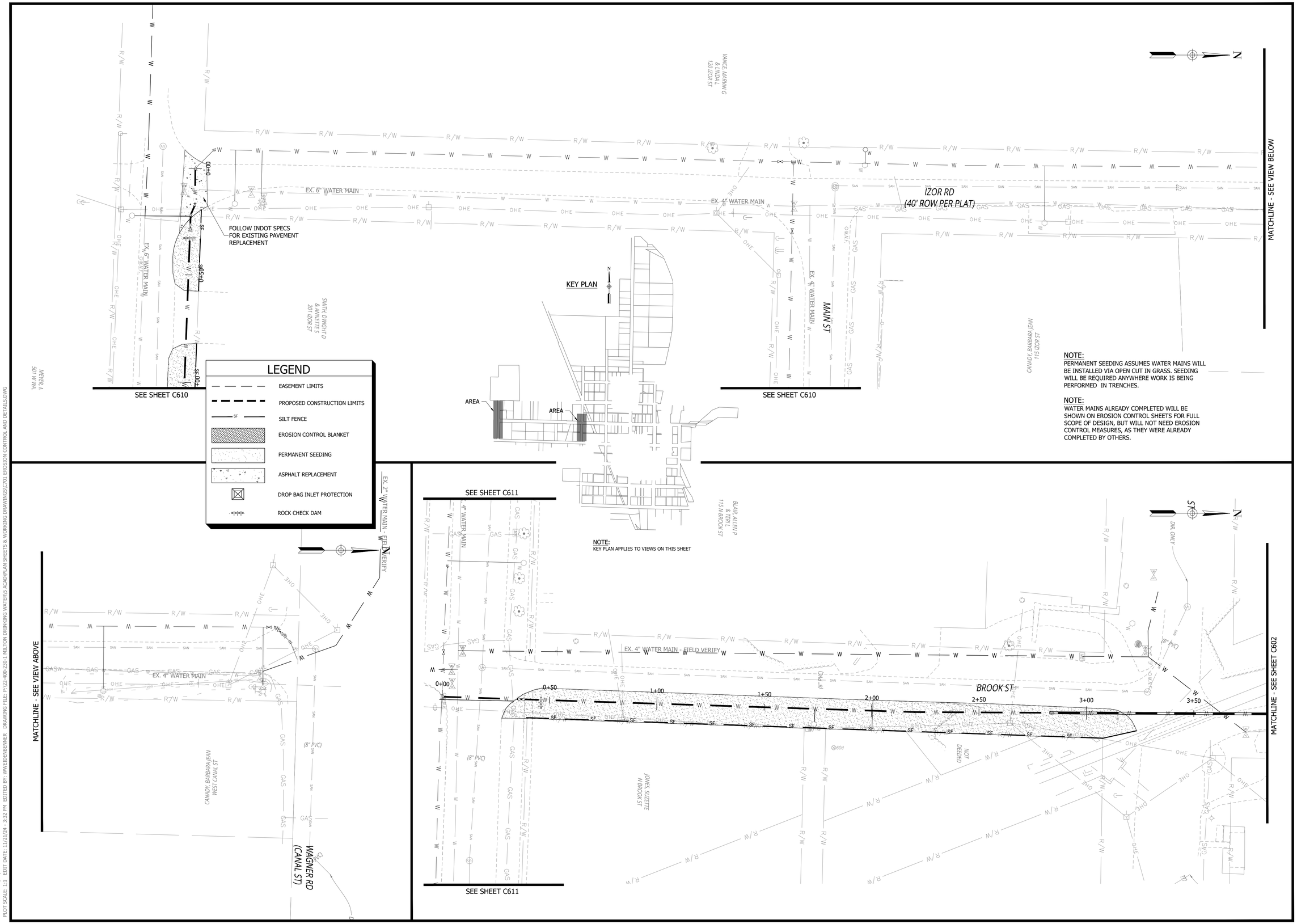
DATE: 12/16/2024

WHITNEY M. WEIDENEMER REGISTERED No. PE12300447 STATE OF INDIANA PROFESSIONAL ENGINEER

DETAILS

C501

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 2/9/23 - 7:39 AM EDITED BY: RHUNT DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\S ACAD\PLAN SHEETS & WORKING DRAWINGS\C501 DETAILS.DWG



RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

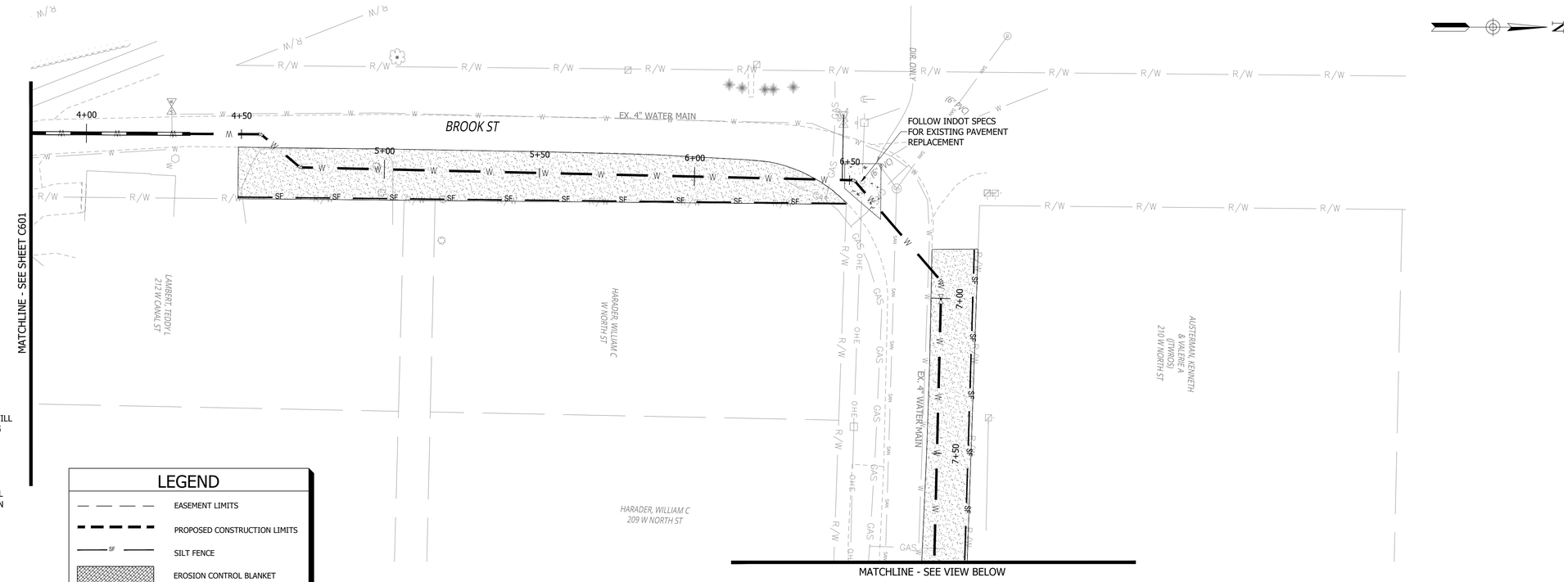
WHITNEY M. WEIDENBENNER REGISTERED No. PE12300447 STATE OF INDIANA PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

EROSION CONTROL PLAN

C601

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 11/21/24 - 3:32 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\C701 EROSION CONTROL AND DETAILS.DWG



NOTE:
PERMANENT SEEDING ASSUMES WATER MAINS WILL BE INSTALLED VIA OPEN CUT IN GRASS. SEEDING WILL BE REQUIRED ANYWHERE WORK IS BEING PERFORMED IN TRENCHES.

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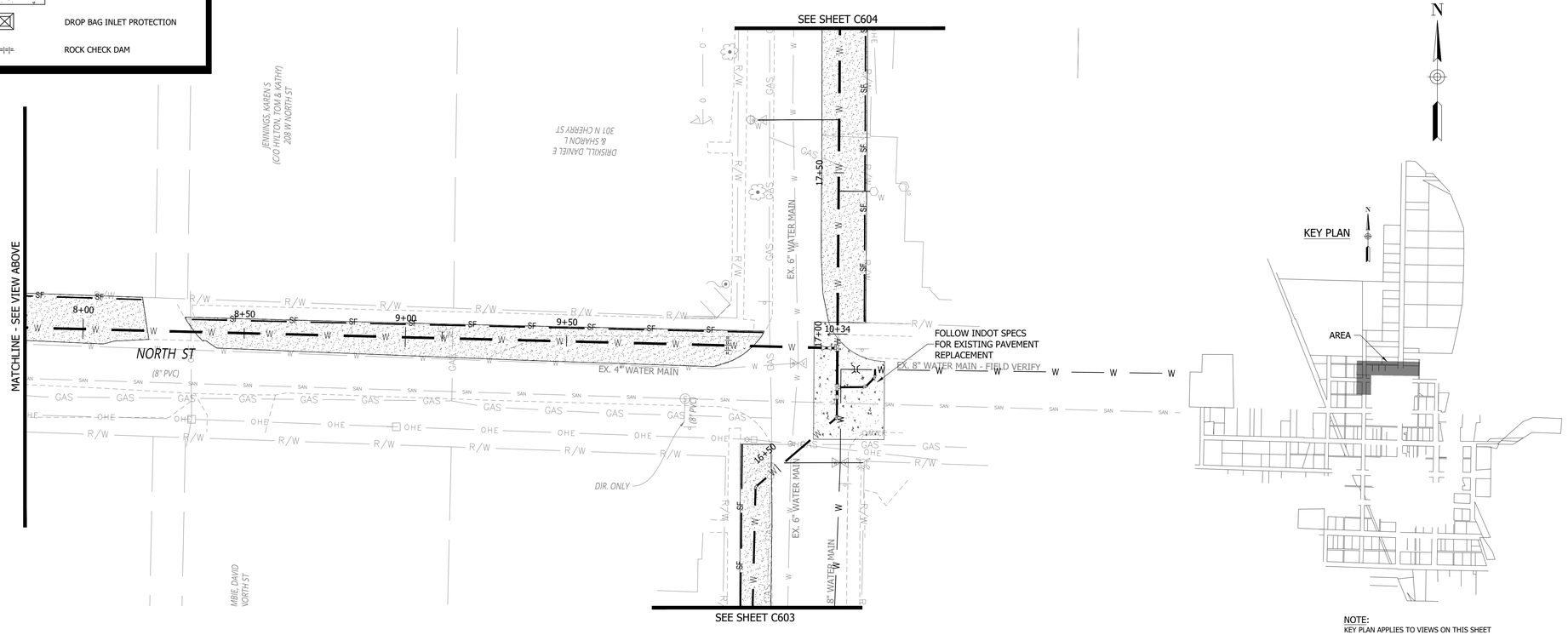
LEGEND

- EASEMENT LIMITS
- PROPOSED CONSTRUCTION LIMITS
- SILT FENCE
- EROSION CONTROL BLANKET
- PERMANENT SEEDING
- ASPHALT REPLACEMENT
- DROP BAG INLET PROTECTION
- ROCK CHECK DAM



NOTE:
KEY PLAN APPLIES TO VIEWS ON THIS SHEET

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

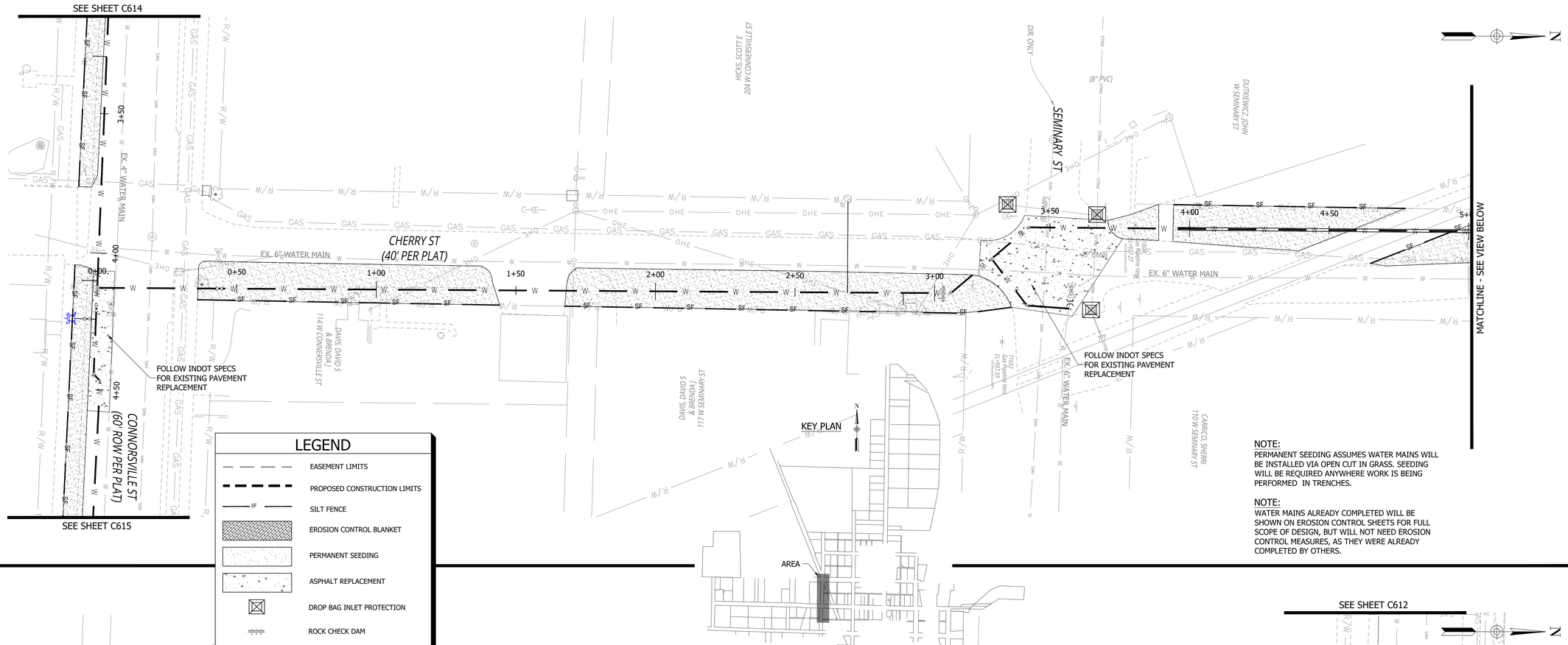
WHITNEY M. WEIDENBENNER
REGISTERED
No. PE12300447
STATE OF INDIANA
PROFESSIONAL ENGINEER

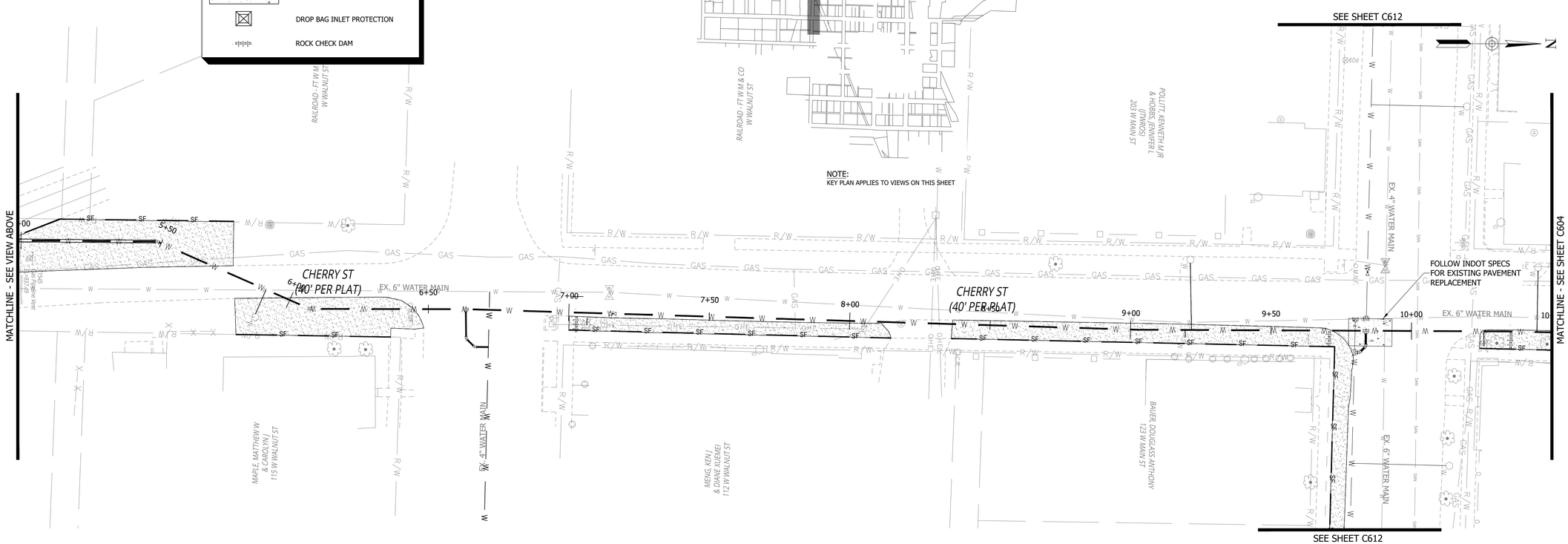
20' 0 20' 40'
GRAPHIC SCALE

EROSION CONTROL PLAN

C602

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 11/21/24 3:32 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\C701 EROSION CONTROL AND DETAILS.DWG





RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

WHITNEY M. WEIDENBENNER
REGISTERED
No. PE12300447
STATE OF INDIANA
PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

EROSION CONTROL PLAN

C603

PRINT DATE: 12/31/24
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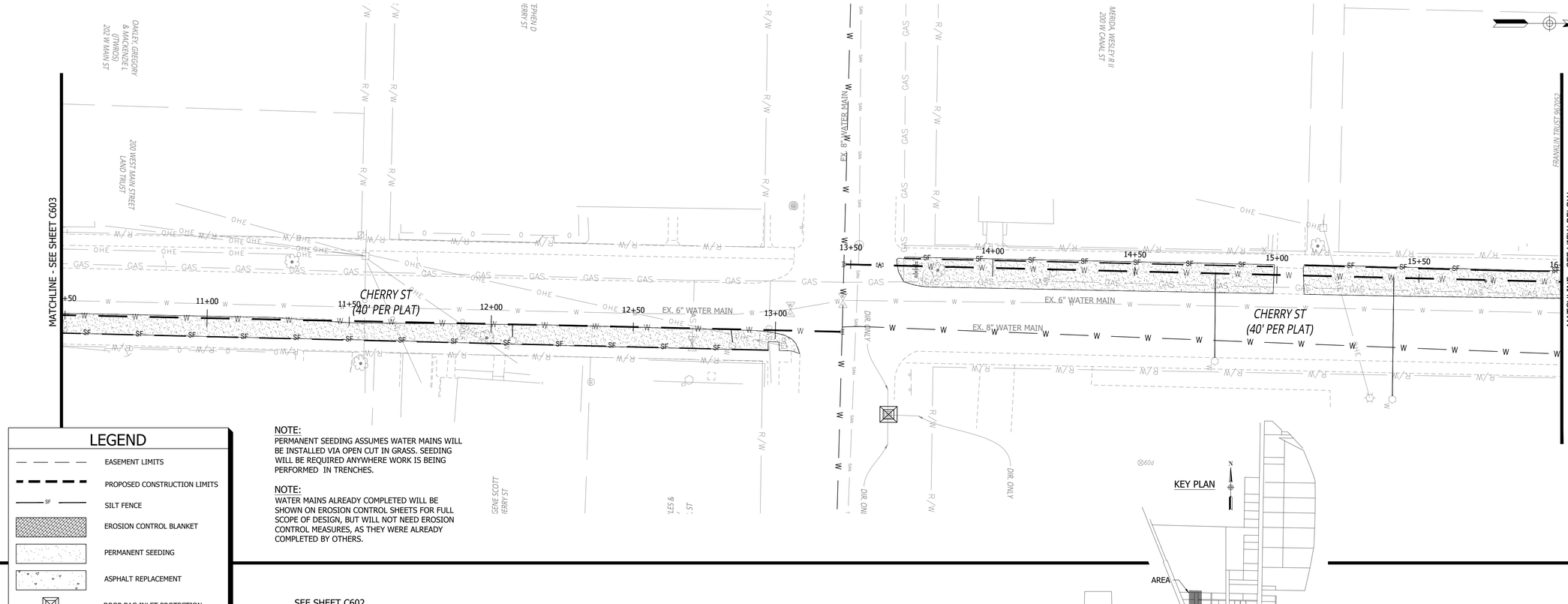

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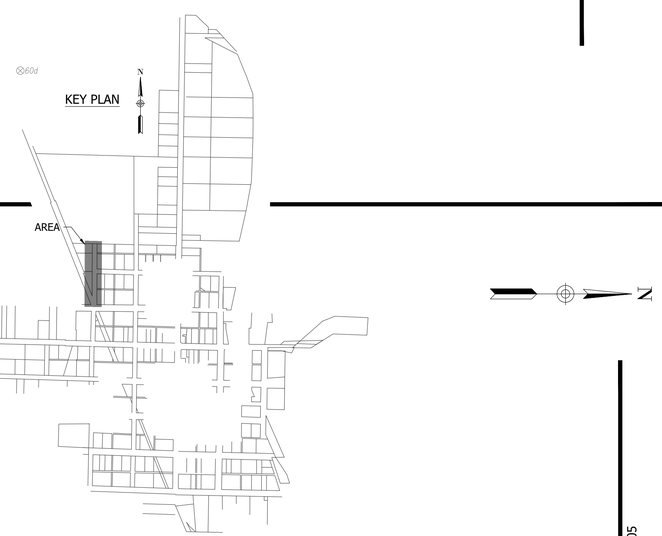
LEGEND

- EASEMENT LIMITS
- PROPOSED CONSTRUCTION LIMITS
- SILT FENCE
- EROSION CONTROL BLANKET
- PERMANENT SEEDING
- ASPHALT REPLACEMENT
- DROP BAG INLET PROTECTION
- ROCK CHECK DAM

KEY PLAN



NOTE:
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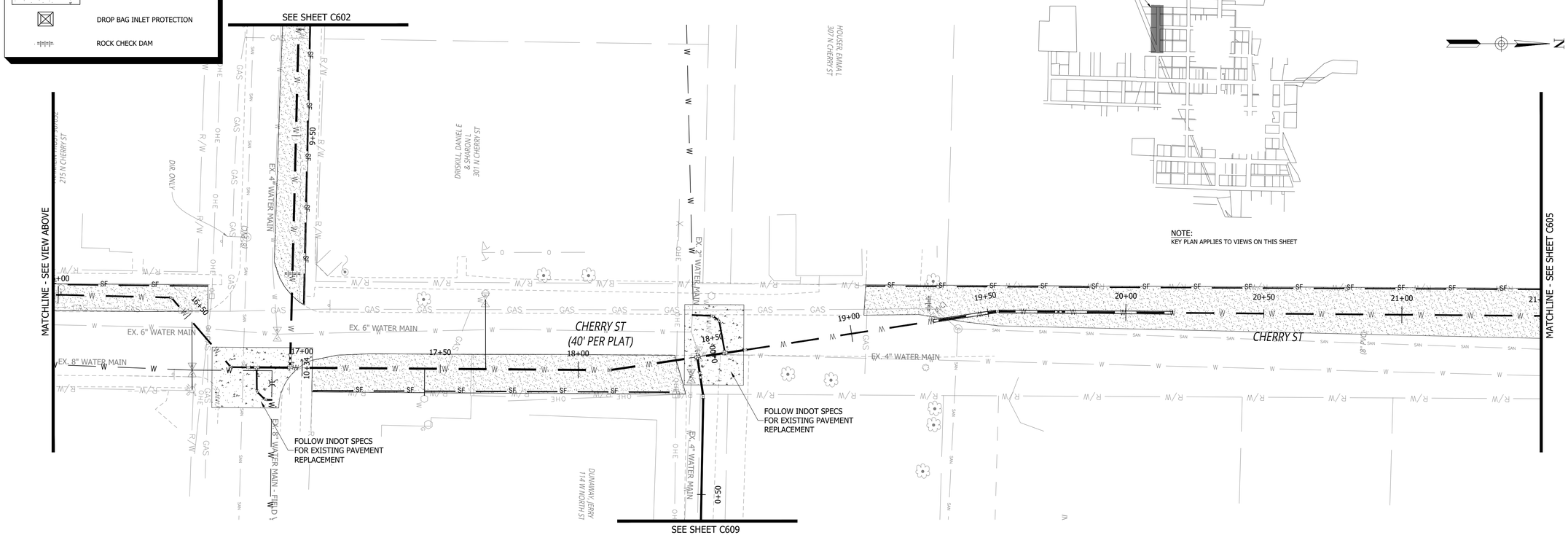

FOLLOW INDOT SPECS FOR EXISTING PAVEMENT REPLACEMENT

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RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

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CHECKED BY: WMW

DATE: 12/16/2024

WHITNEY M. WEIDENBENNER REGISTERED No. PE12300447 STATE OF INDIANA PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

EROSION CONTROL PLAN

C604

PRINT DATE: 12/31/24
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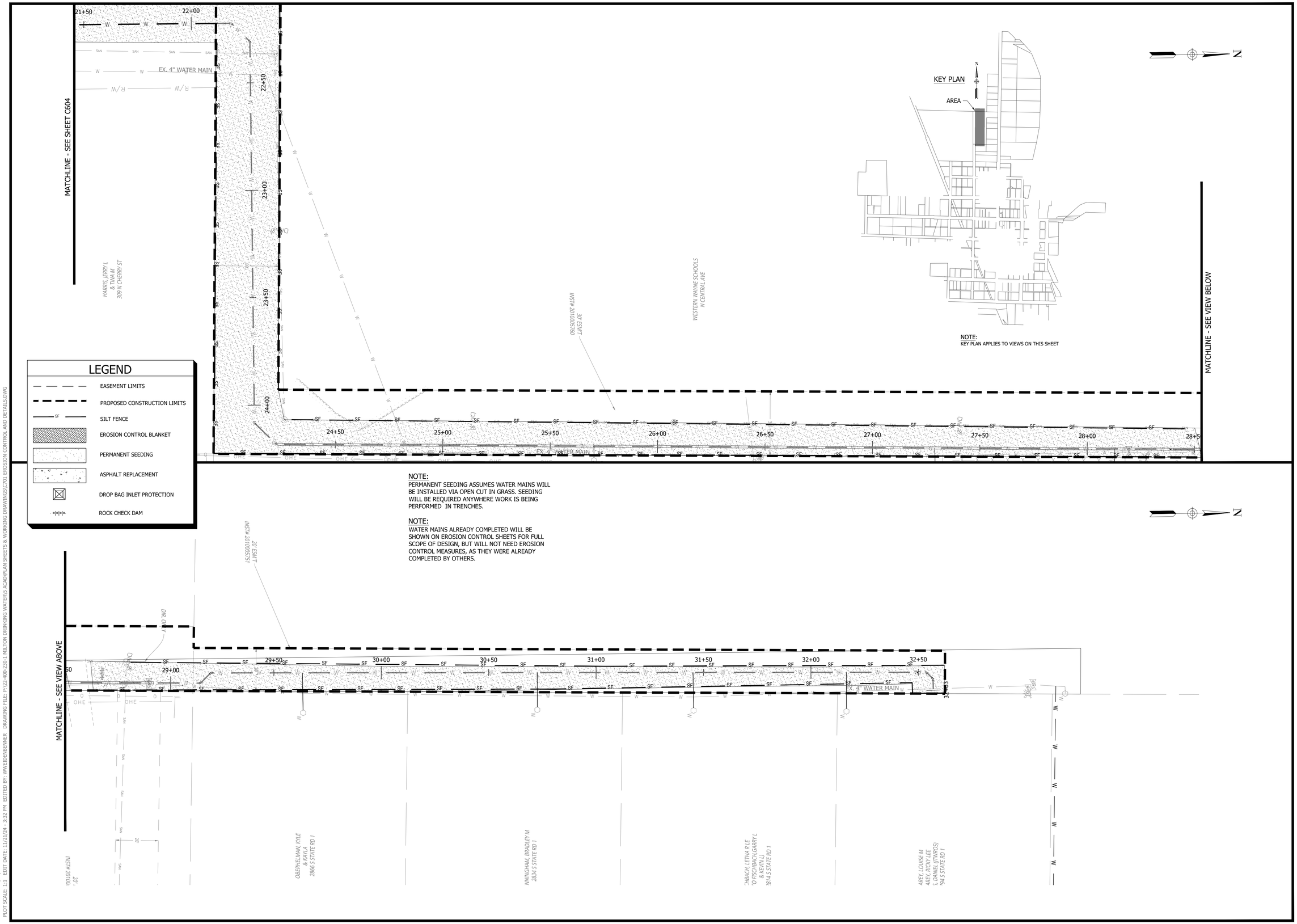

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

WHITNEY M. WEIDENBENNER REGISTERED No. PE12300447 STATE OF INDIANA PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

EROSION CONTROL PLAN

C605

PRINT DATE: 12/31/24
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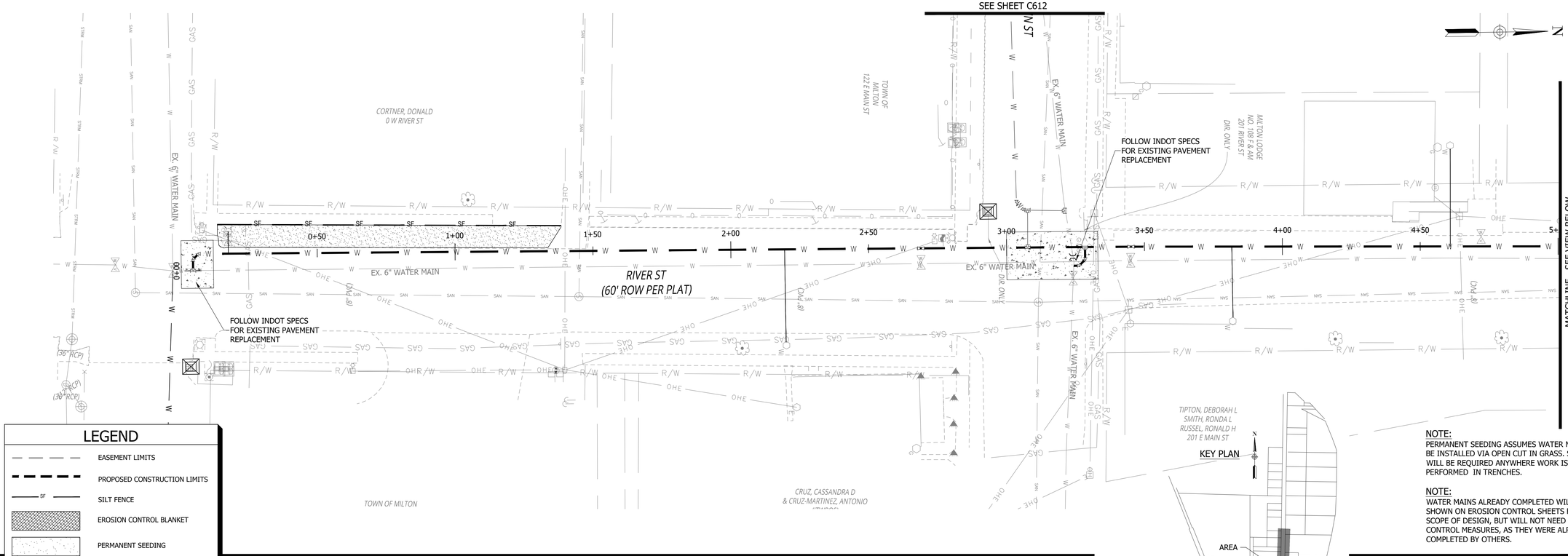

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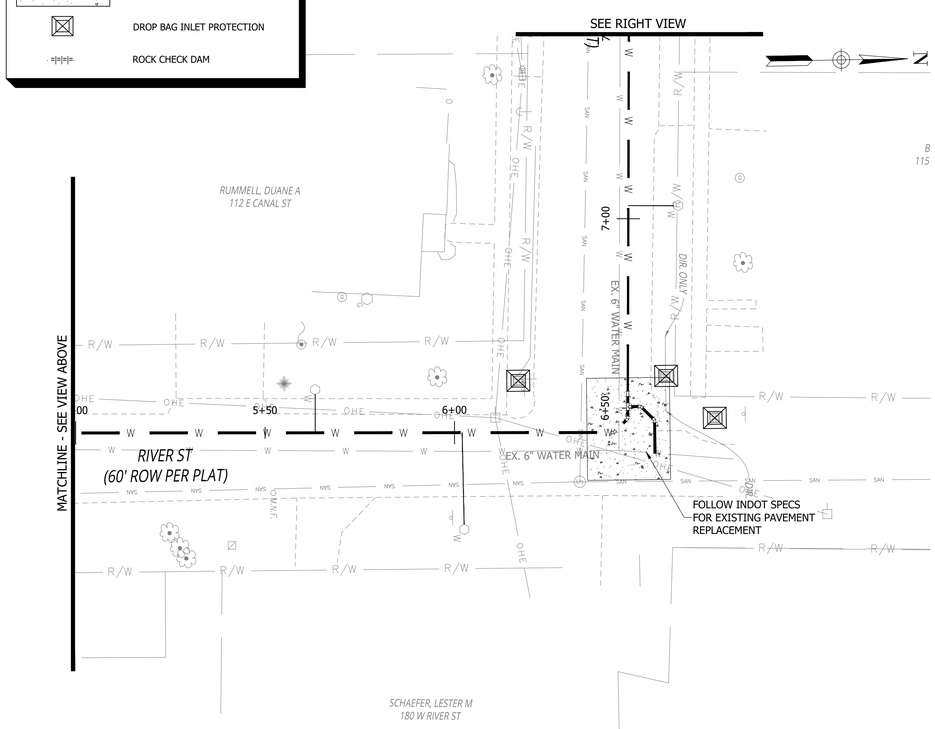
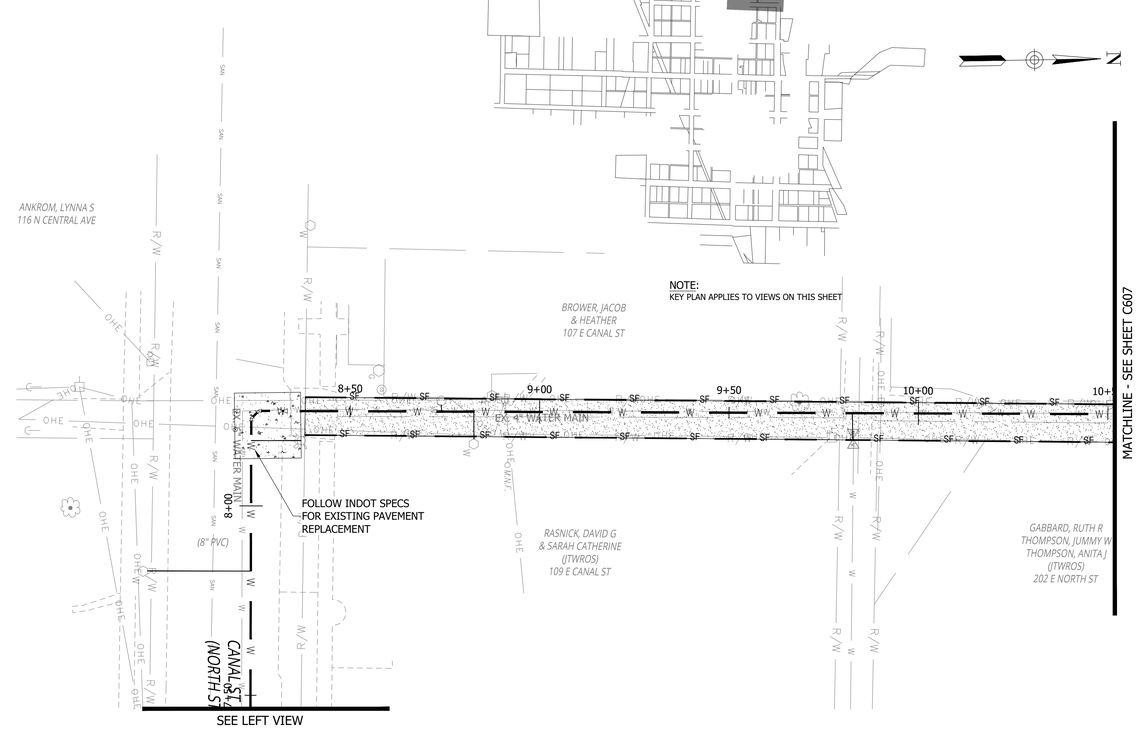
- EASEMENT LIMITS
- PROPOSED CONSTRUCTION LIMITS
- SILT FENCE
- EROSION CONTROL BLANKET
- PERMANENT SEEDING
- ASPHALT REPLACEMENT
- DROP BAG INLET PROTECTION
- ROCK CHECK DAM





NOTE:
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RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

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DATE: 12/16/2024

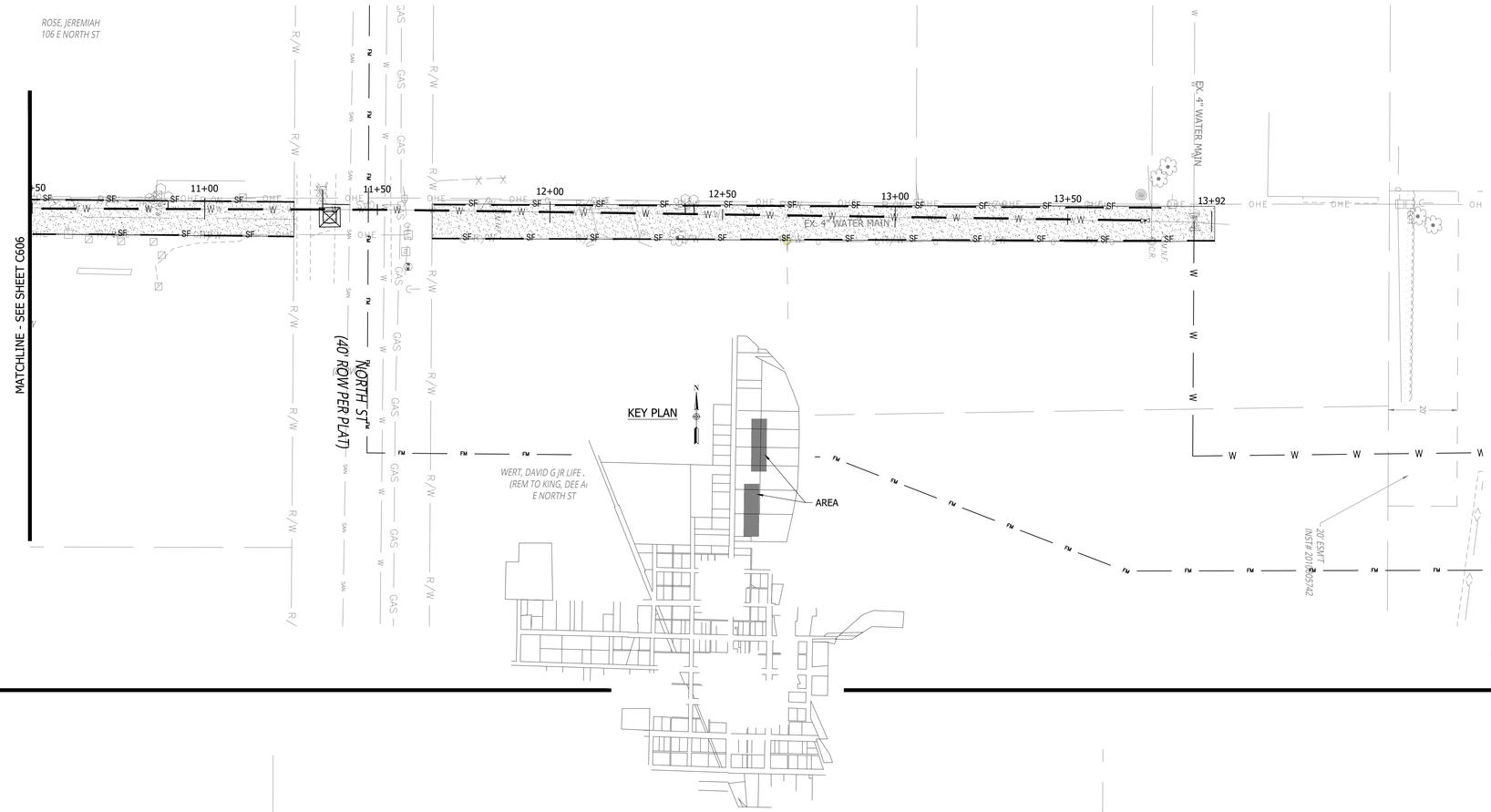
WHITNEY M. WEIDENBENNER
REGISTERED
No. PE12300447
STATE OF INDIANA
PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

EROSION CONTROL PLAN

C606

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 11/21/24 - 3:32 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\C701 EROSION CONTROL AND DETAILS.DWG



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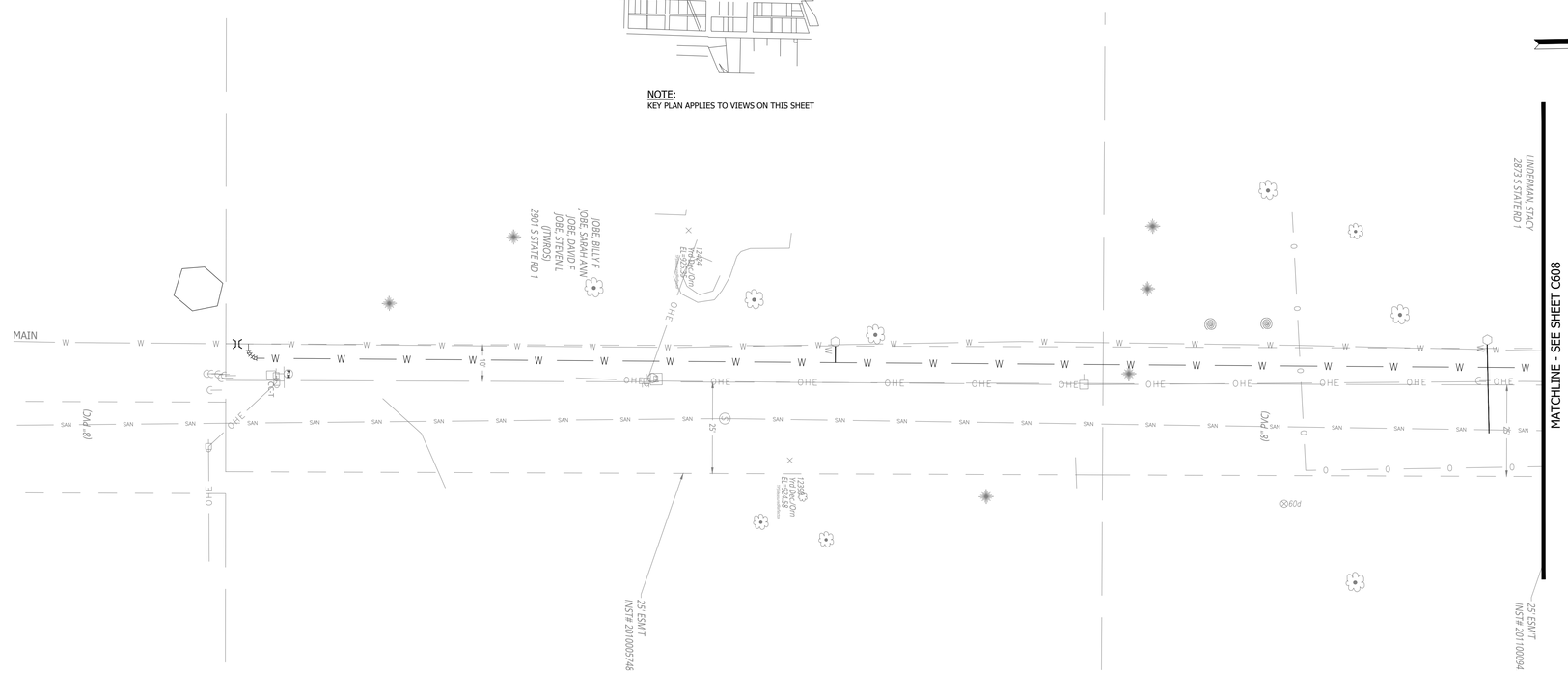


LEGEND

- EASEMENT LIMITS
- PROPOSED CONSTRUCTION LIMITS
- SILT FENCE
- EROSION CONTROL BLANKET
- PERMANENT SEEDING
- ASPHALT REPLACEMENT
- DROP BAG INLET PROTECTION
- ROCK CHECK DAM

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

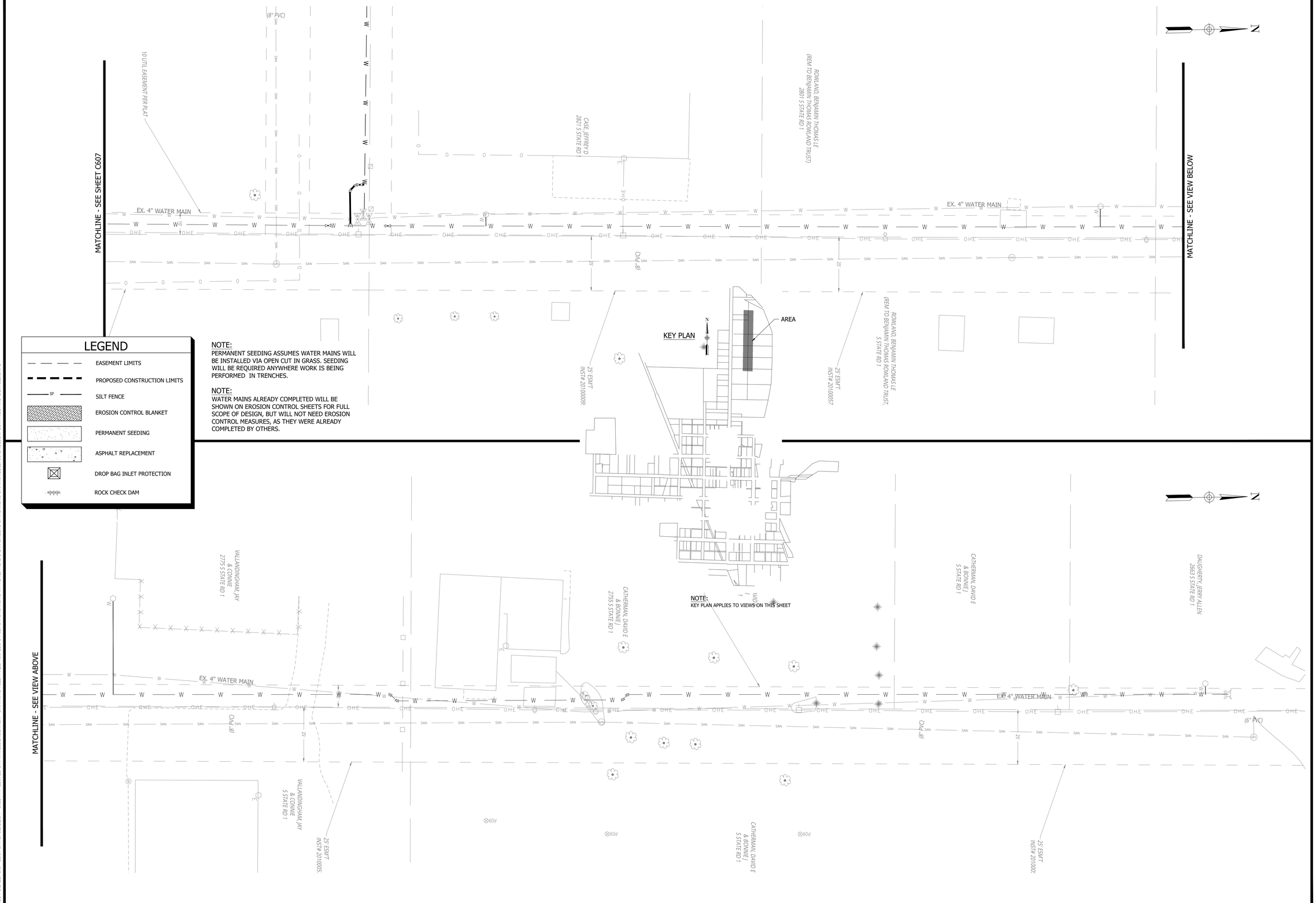
WHITNEY M. WEIDENBENNER REGISTERED No. PE12300447 STATE OF INDIANA PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

EROSION CONTROL PLAN

C607

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 11/21/24 - 3:32 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\S ACAD\PLAN SHEETS & WORKING DRAWINGS\C701 EROSION CONTROL AND DETAILS.DWG



LEGEND

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RQAW

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MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

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CHECKED BY: WMW

DATE: 12/16/2024

WHITNEY M. WEIDENBENNER
REGISTERED
No. PE12300447
STATE OF INDIANA
PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

EROSION CONTROL PLAN

C608

PRINT DATE: 12/31/24
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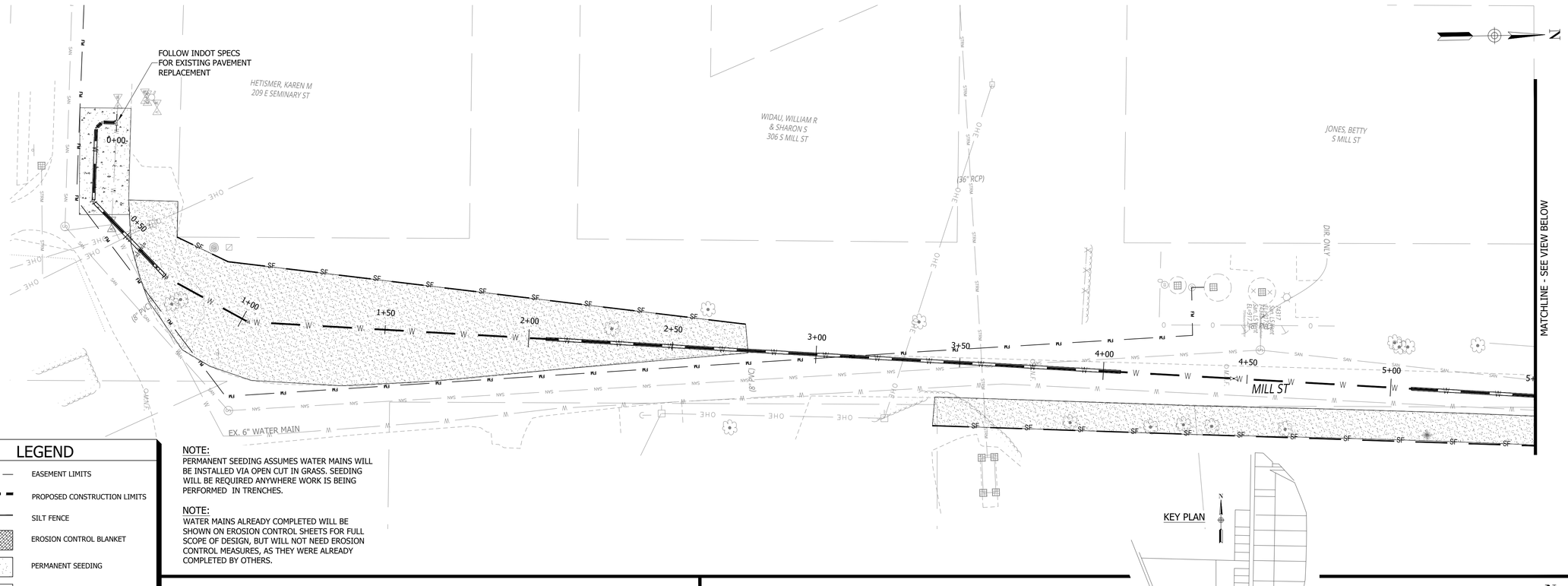

LEGEND

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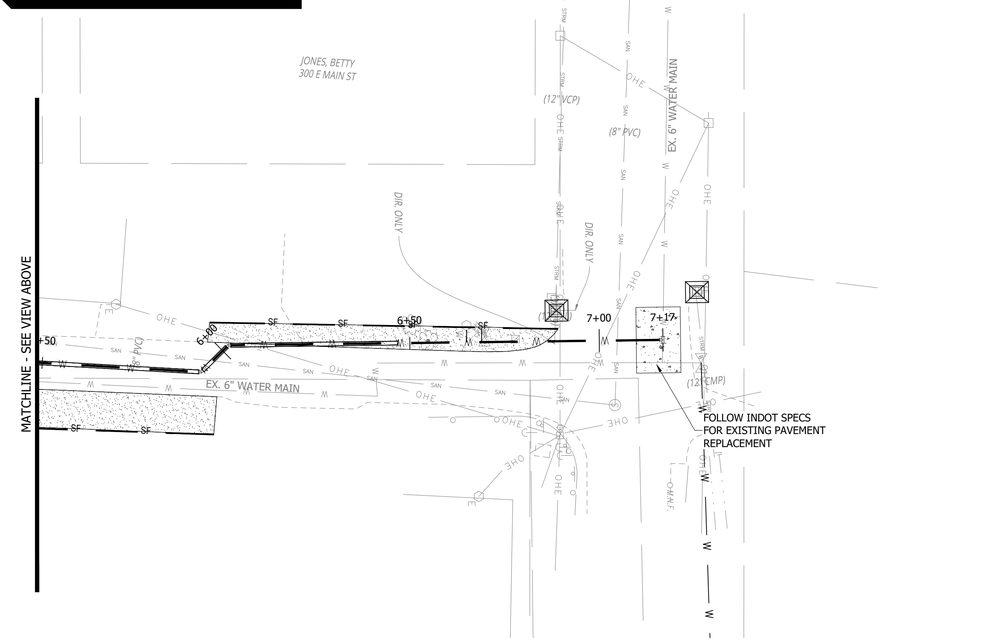
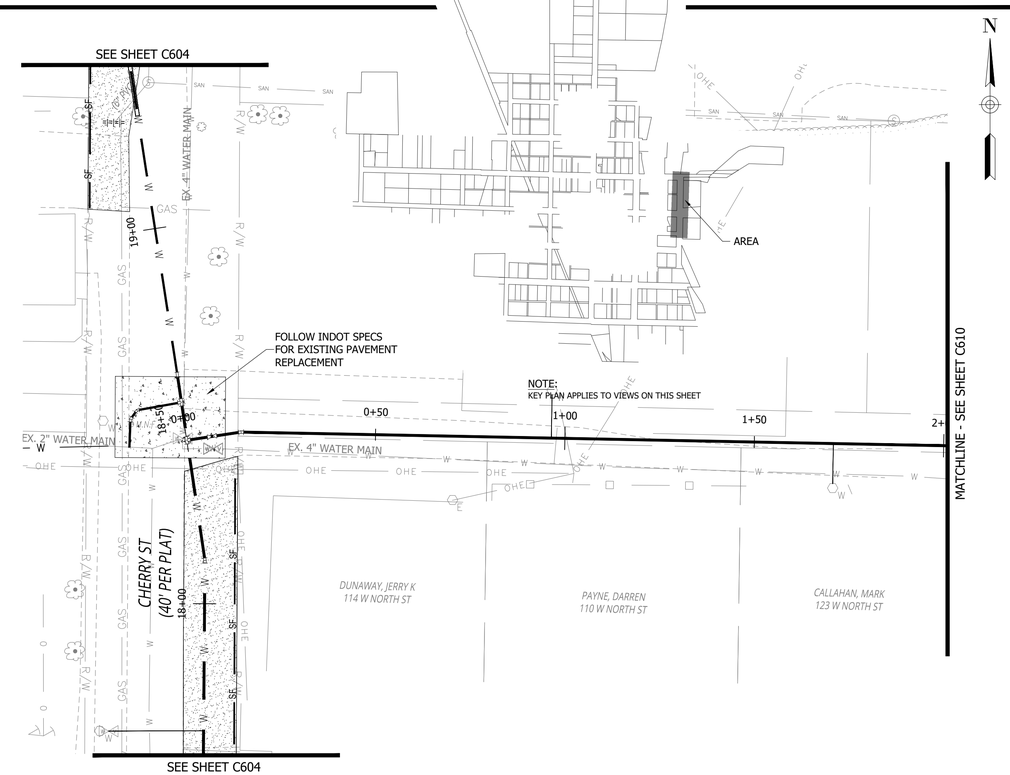
KEY PLAN





RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

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DATE: 12/16/2024

WHITNEY M. WEIDENBENNER
REGISTERED
No. PE12300447
STATE OF INDIANA
PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

EROSION CONTROL PLAN

C609

PRINT DATE: 12/31/24
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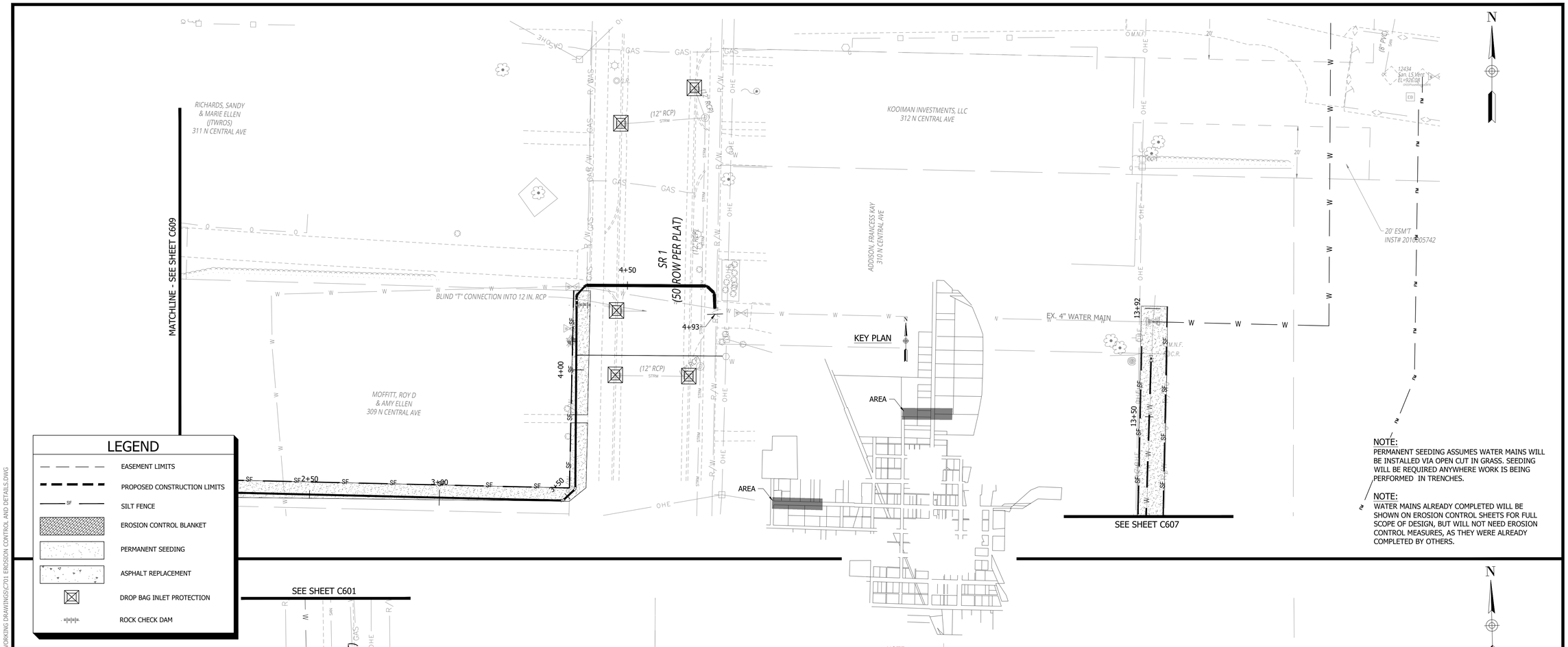

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- SILT FENCE
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- PERMANENT SEEDING
- ASPHALT REPLACEMENT
- DROP BAG INLET PROTECTION
- ROCK CHECK DAM

NOTE:
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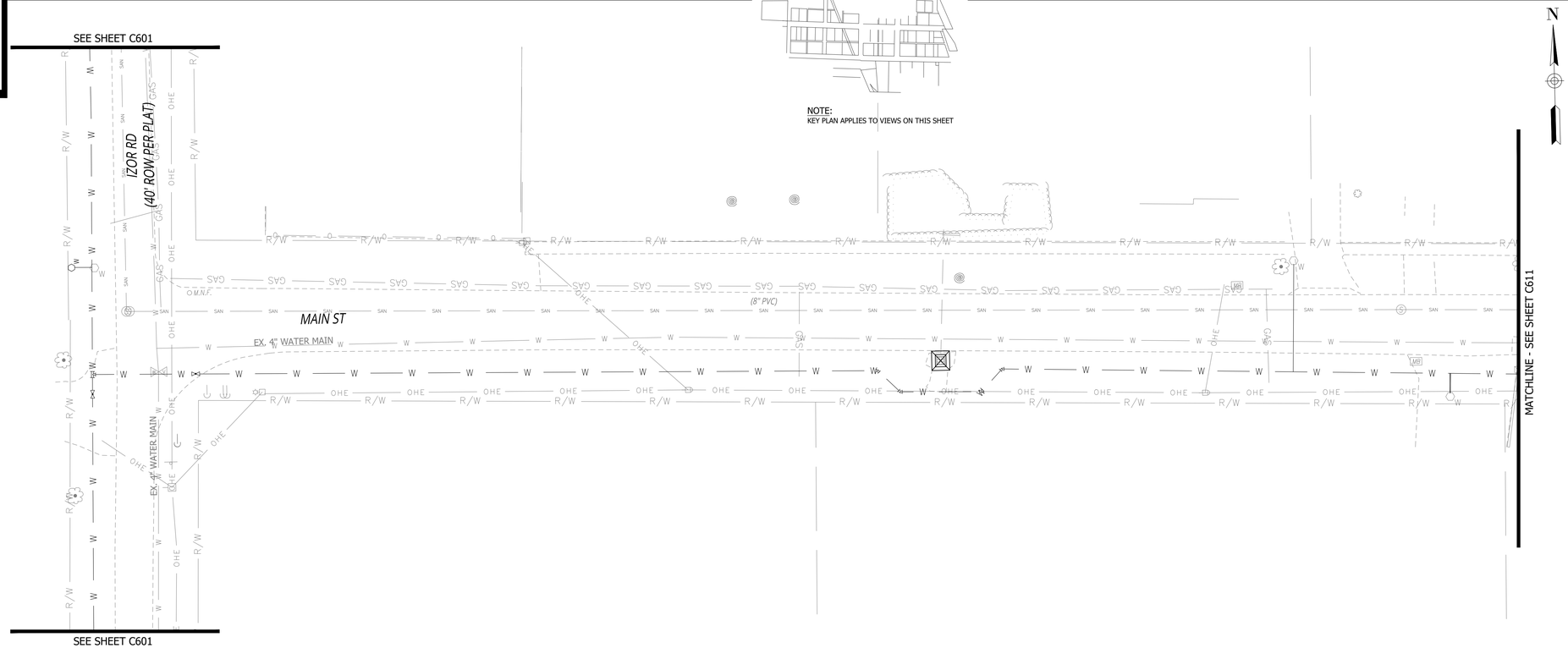

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

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DRAWN BY: RLH

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DATE: 12/16/2024

WHITNEY M. WEIDENBENNER
REGISTERED
No.
PE12300447
STATE OF
INDIANA
PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

EROSION CONTROL PLAN

C610

PRINT DATE: 12/31/24
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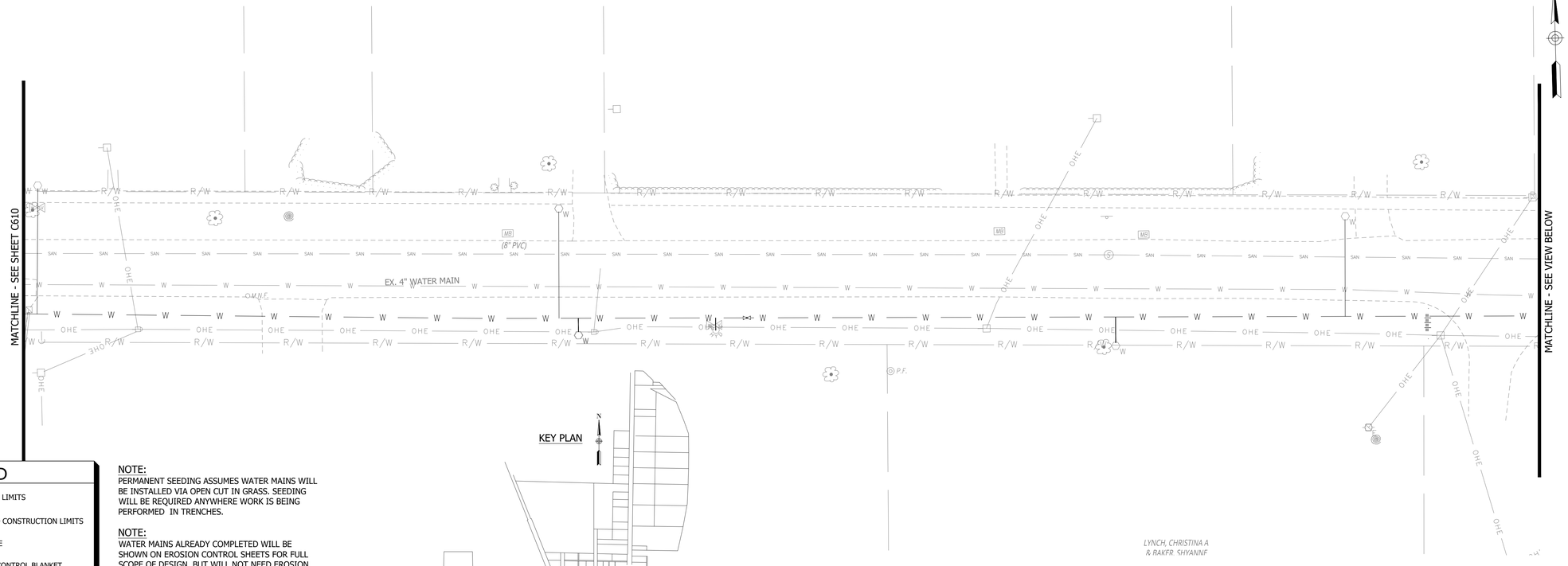

LEGEND

- EASEMENT LIMITS
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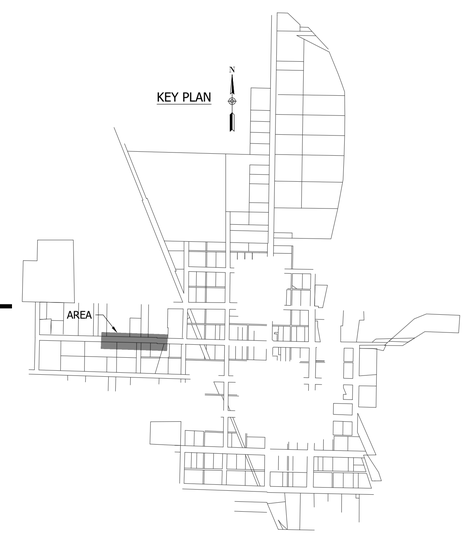

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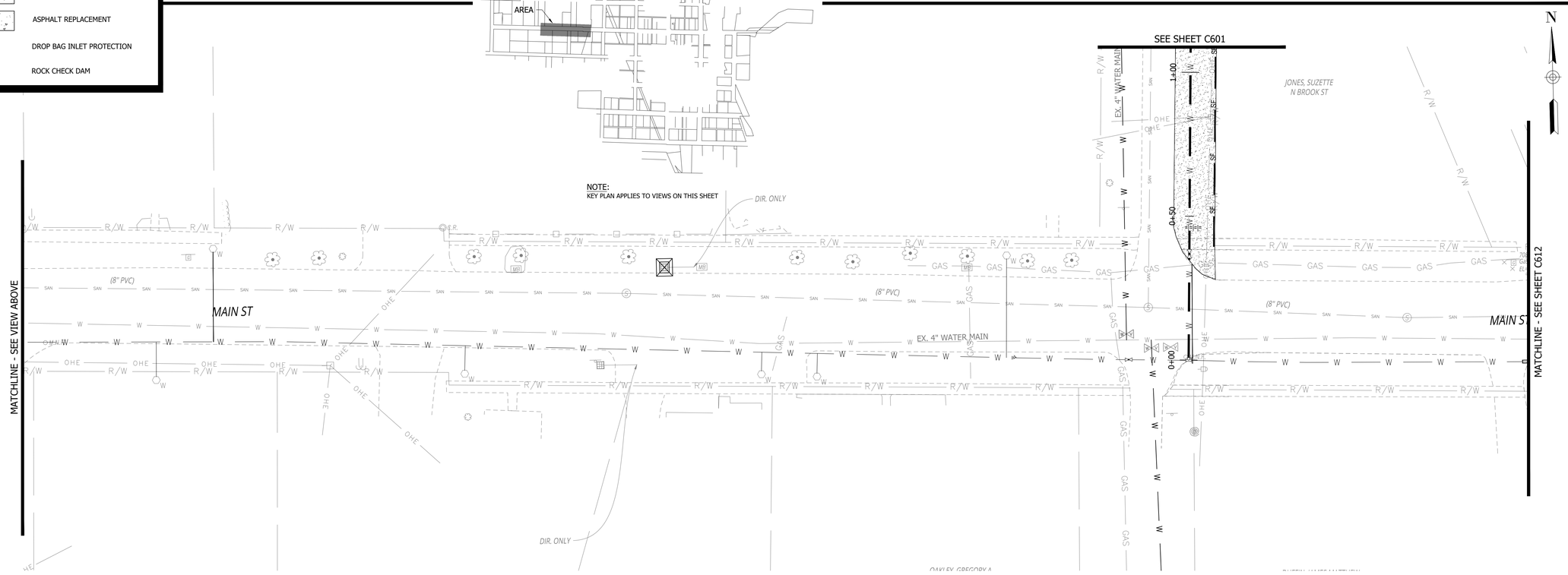

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

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DATE: 12/16/2024

WHITNEY M. WEIDENBENNER
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No. PE12300447
STATE OF INDIANA
PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

EROSION CONTROL PLAN

C611

PRINT DATE: 12/31/24
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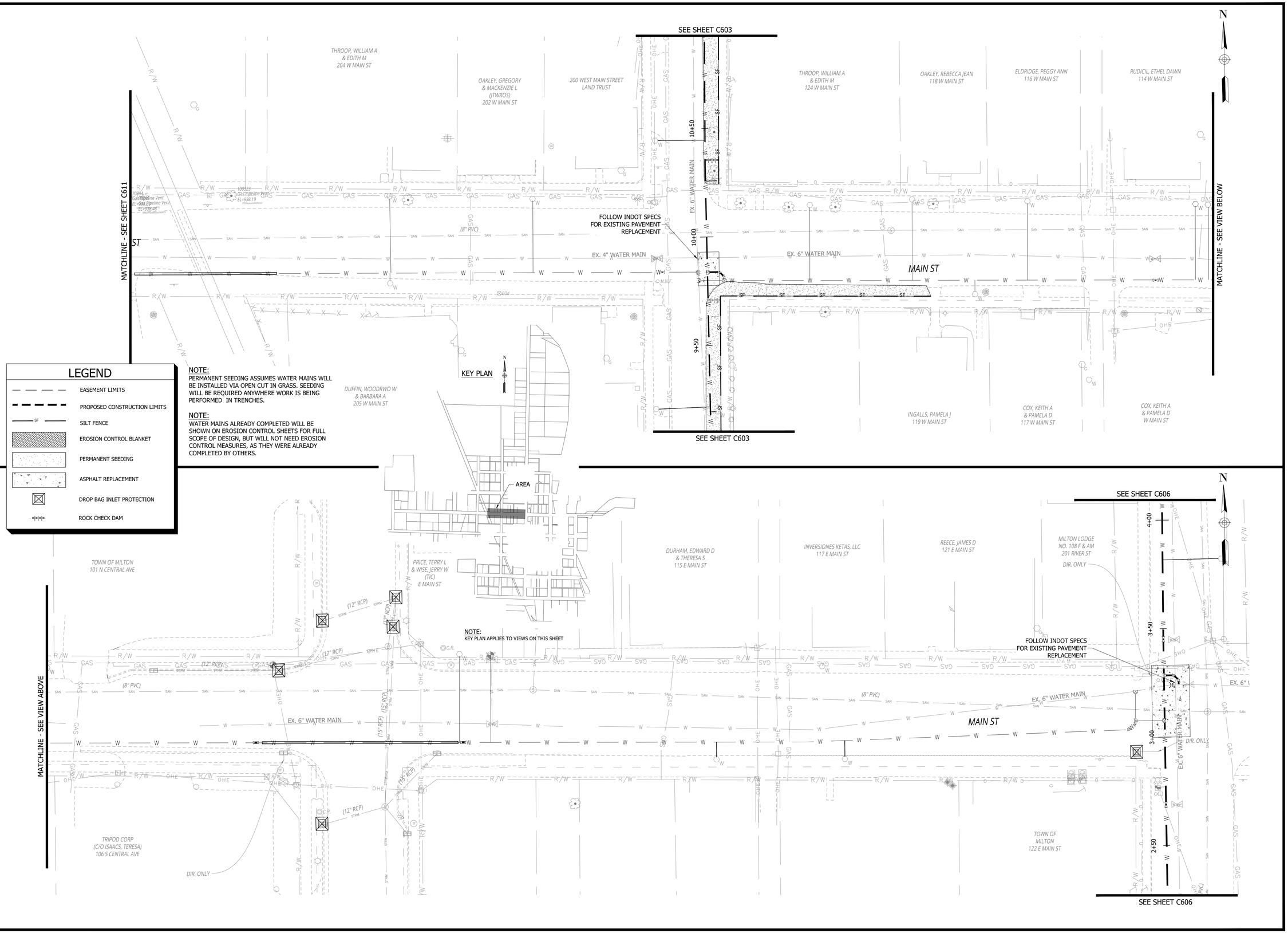

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

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DATE: 12/16/2024

WHITNEY M. WEIDENBENNER REGISTERED No. PE12300447 STATE OF INDIANA PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

EROSION CONTROL PLAN

C612

PRINT DATE: 12/31/24
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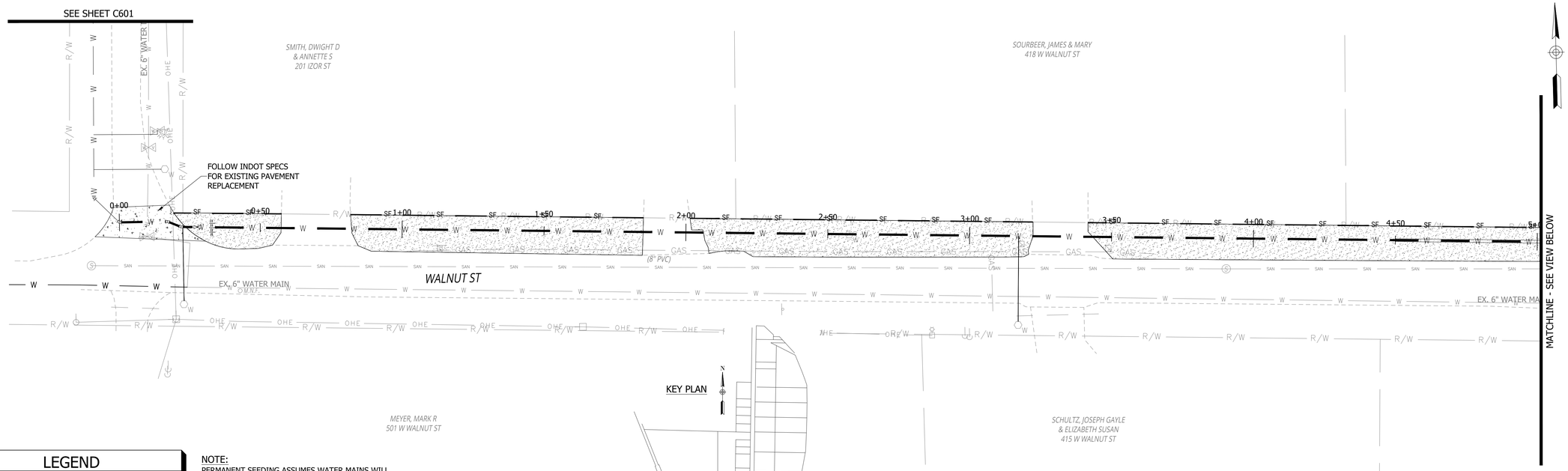
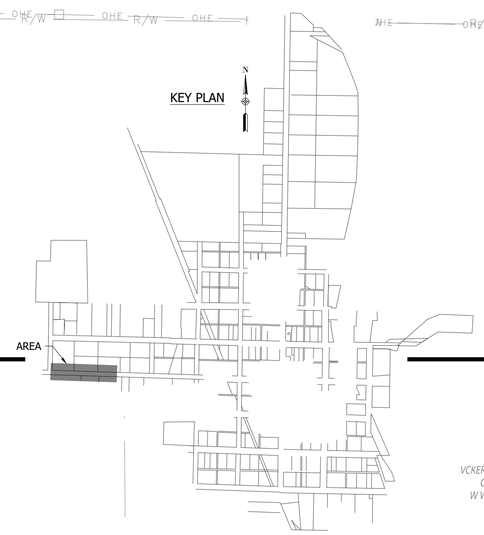


KEY PLAN



NOTE:
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LEGEND

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- PROPOSED CONSTRUCTION LIMITS
- SILT FENCE
- EROSION CONTROL BLANKET
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- DROP BAG INLET PROTECTION
- ROCK CHECK DAM

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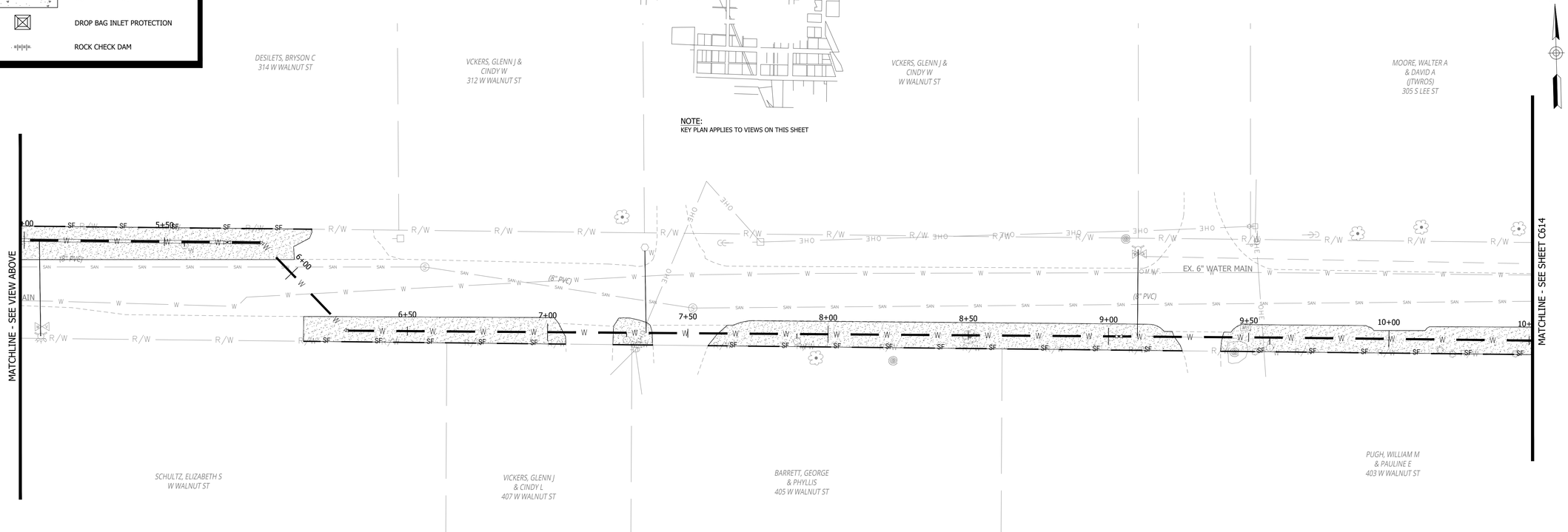


RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

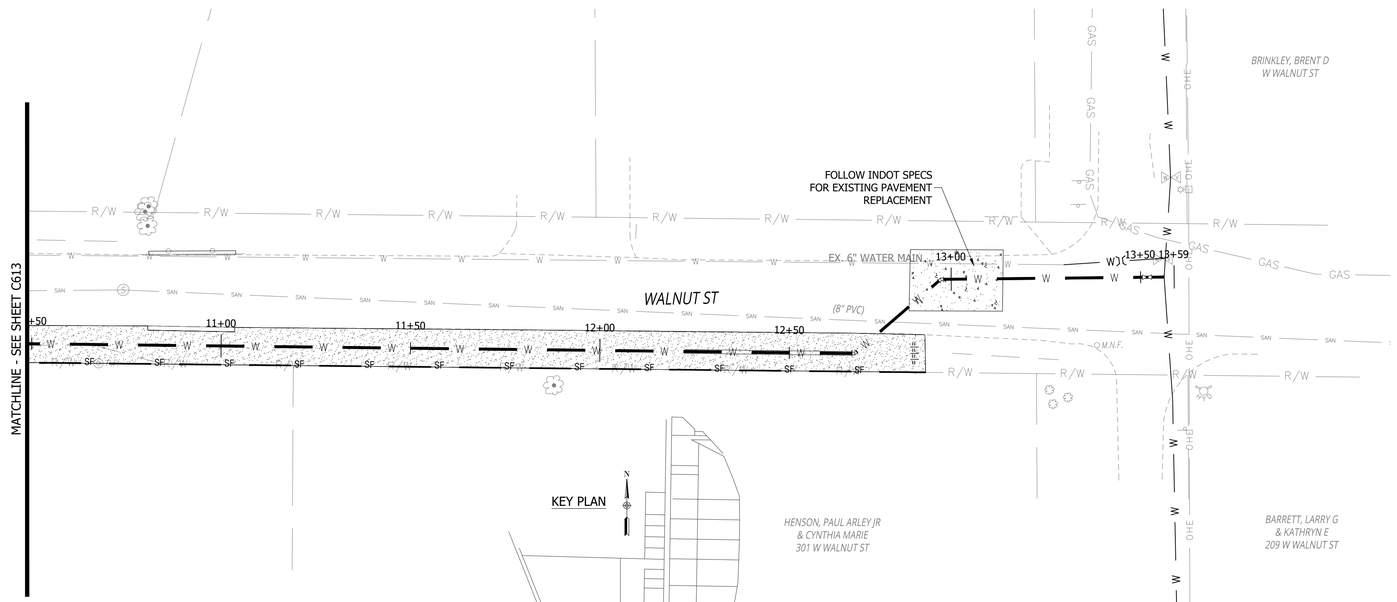
DATE: 12/16/2024

WHITNEY M. WEIDENBENNER
REGISTERED
No. PE12300447
STATE OF INDIANA
PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

EROSION CONTROL PLAN

C613



NOTE:
KEY PLAN APPLIES TO VIEWS ON THIS SHEET

NOTE:
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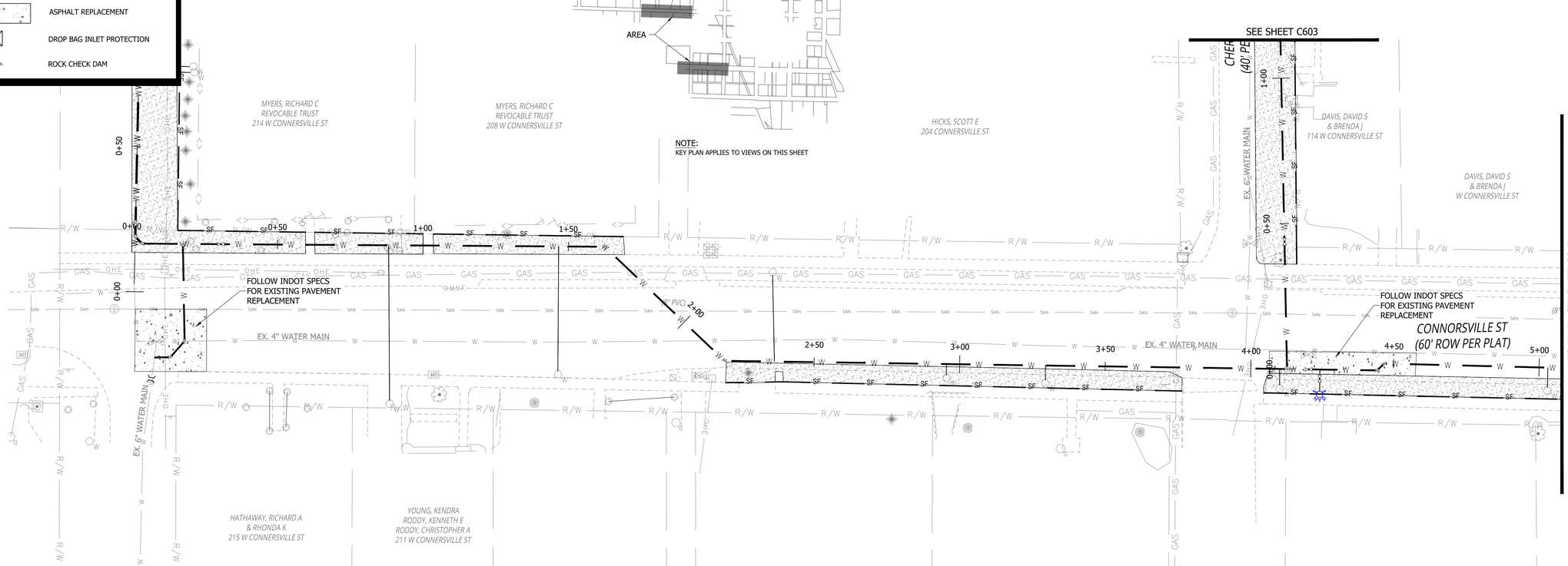
LEGEND

- EASEMENT LIMITS
- PROPOSED CONSTRUCTION LIMITS
- SILT FENCE
- EROSION CONTROL BLANKET
- PERMANENT SEEDING
- ASPHALT REPLACEMENT
- DROP BAG INLET PROTECTION
- ROCK CHECK DAM



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MILTON, IN 47357

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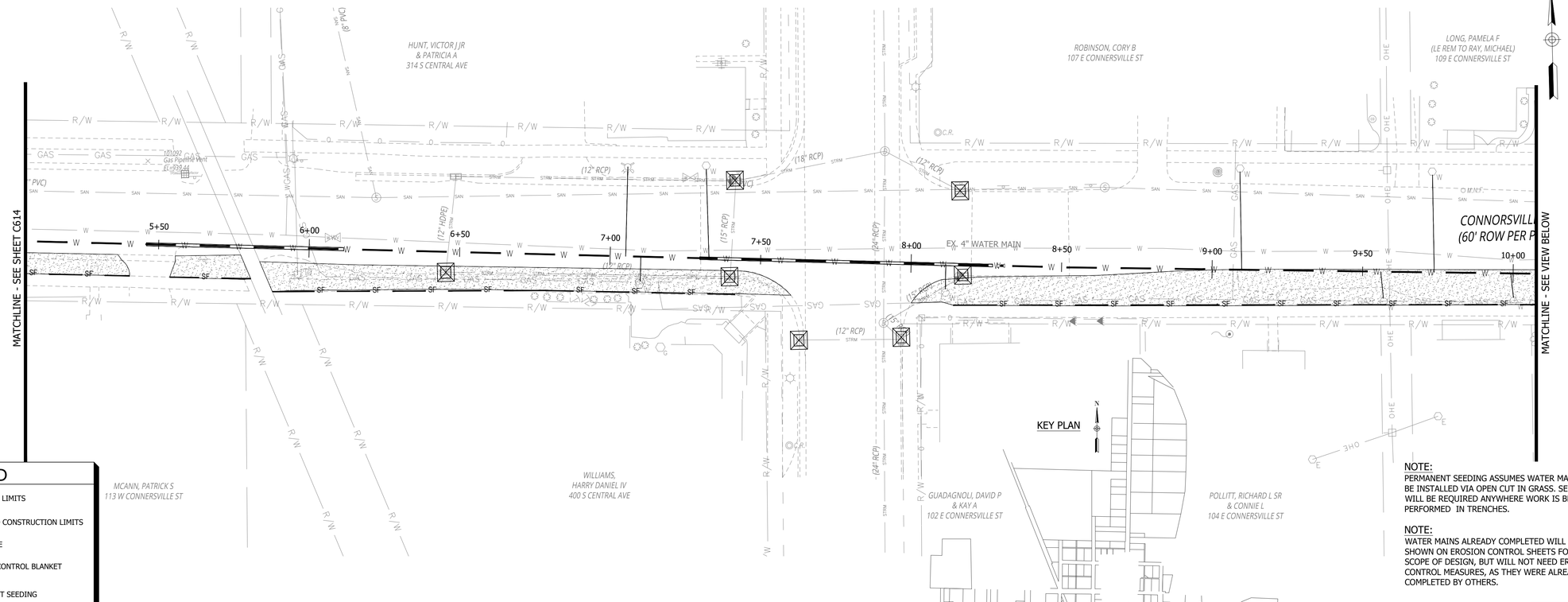
PROFESSIONAL ENGINEER

20' 0 20' 40'
GRAPHIC SCALE

EROSION CONTROL PLAN

C614

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 11/21/24 - 3:32 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\C701 EROSION CONTROL AND DETAILS.DWG



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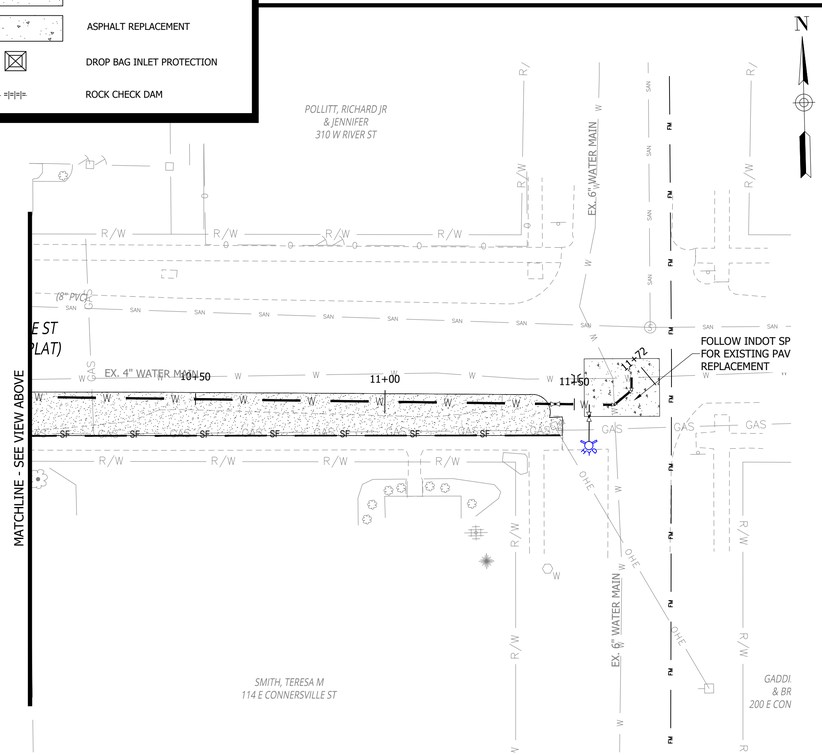

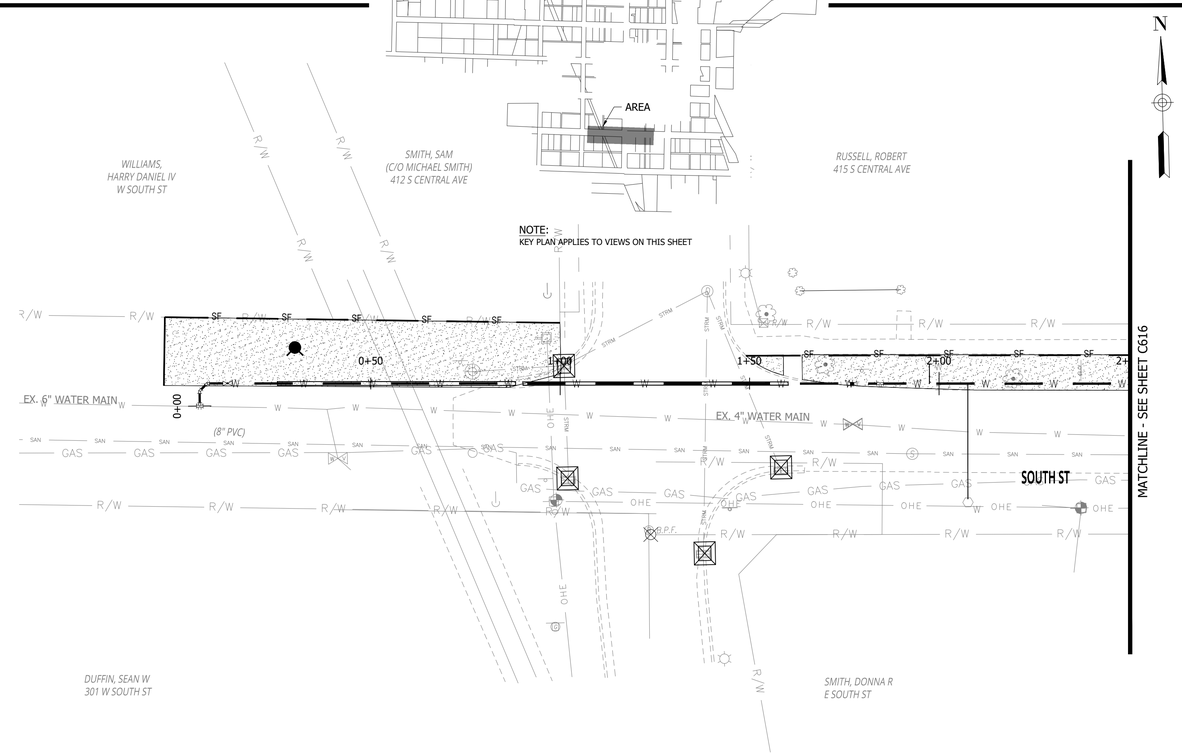

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20' 0 20' 40'
GRAPHIC SCALE

EROSION CONTROL PLAN

C615

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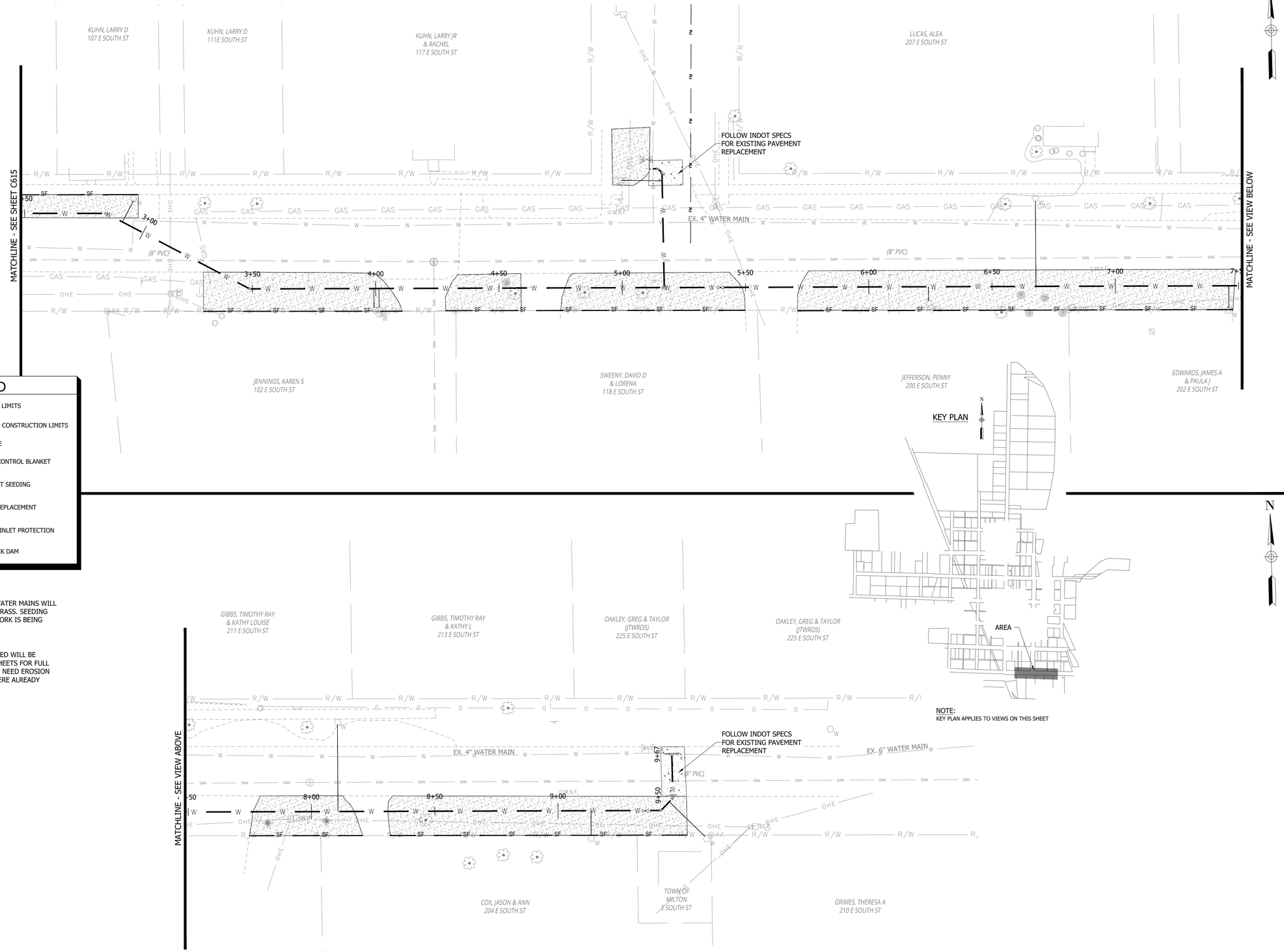

LEGEND

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- PROPOSED CONSTRUCTION LIMITS
- SILT FENCE
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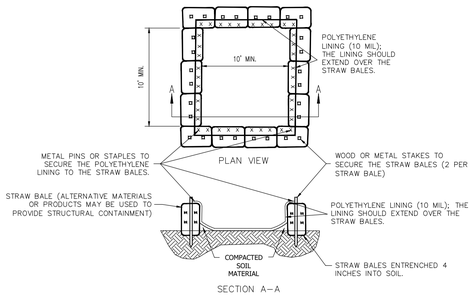


CONCRETE WASHOUT (ABOVE GRADE)

INSTALLATION:

PREFABRICATED WASHOUT SYSTEMS/CONTAINERS:

1. INSTALL AND LOCATE ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

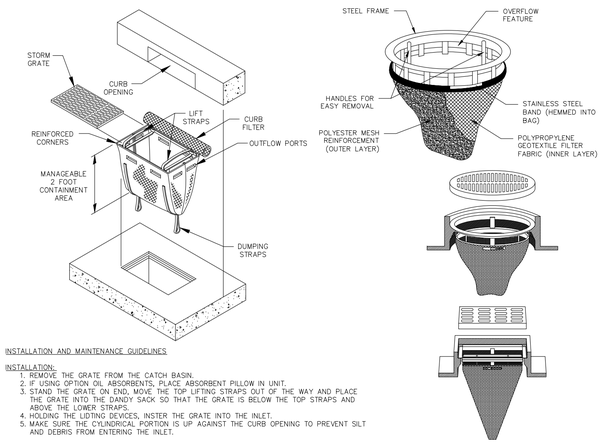
DESIGNED AND INSTALLED SYSTEMS:

2. UTILIZE AND FOLLOW THE DESIGN IN THE STORM WATER POLLUTION PREVENTION PLAN TO INSTALL THE SYSTEM.
3. DEPENDENT UPON THE TYPE OF SYSTEM, EITHER EXCAVATE THE PIT OR INSTALL THE CONTAINMENT SYSTEM.
4. A BASE SHALL BE CONSTRUCTED AND PREPARED THAT IS FREE OF ROCKS AND OTHER DEBRIS THAT MAY CAUSE TEARS OR PUNCTURES IN THE POLYETHYLENE LINING.
5. INSTALL THE POLYETHYLENE LINING. FOR EXCAVATED SYSTEMS, THE LINING SHOULD EXTEND OVER THE ENTIRE EXCAVATION. THE LINING FOR BERMED SYSTEMS SHOULD BE INSTALLED OVER THE POOLING AREA WITH ENOUGH MATERIAL TO EXTEND THE LINING OVER THE BERM OR CONTAINMENT SYSTEM. THE LINING SHOULD BE SECURED WITH PINS, STAPLES, OR OTHER FASTENERS.
6. PLACE FLAGS, SAFETY FENCING, OR EQUIVALENT TO PROVIDE A BARRIER TO CONSTRUCTION EQUIPMENT AND OTHER TRAFFIC.
7. PLACE A NON–COLLAPSING, NON–WATER HOLDING COVER OVER THE WASHOUT FACILITY PRIOR TO A PREDICTED RAINFALL EVENT TO PREVENT ACCUMULATION OF WATER AND POSSIBLE OVERFLOW OF THE SYSTEM (OPTIONAL).
8. INSTALL SIGNAGE THAT IDENTIFIES CONCRETE WASHOUT AREAS.
9. POST SIGNS DIRECTING CONTRACTORS AND SUPPLIERS TO DESIGNATED LOCATIONS.
10. WHERE NECESSARY, PROVIDE STABLE INGRESS AND EGRESS OR ALTERNATIVE APPROACH PAD FOR CONCRETE WASHOUT SYSTEMS.

MAINTENANCE:

11. INSPECT DAILY AND AFTER EACH STORM EVENT.
12. INSPECT THE INTEGRITY OF THE OVERALL STRUCTURE INCLUDING, WHERE APPLICABLE, THE CONTAINMENT SYSTEM.
13. INSPECT THE SYSTEM FOR LEAKS, SPILLS, AND TRACKING OF SOIL BY EQUIPMENT.
14. INSPECT THE POLYETHYLENE LINING FOR FAILURE, INCLUDING TEARS AND PUNCTURES.
15. ONCE CONCRETE WASTES HARDEN, REMOVE AND DISPOSE OF THE MATERIAL.
16. EXCESS CONCRETE SHOULD BE REMOVED WHEN THE WASHOUT SYSTEM REACHES 50 PERCENT OF THE DESIGN CAPACITY. USE OF THE SYSTEM SHOULD BE DISCONTINUED UNTIL APPROPRIATE MEASURES CAN BE INITIATED TO CLEAN THE STRUCTURE. PREFABRICATED SYSTEMS SHOULD ALSO UTILIZE THIS CRITERION, UNLESS THE MANUFACTURER HAS ALTERNATE SPECIFICATIONS.
17. UPON REMOVAL OF THE SOLIDS, INSPECT THE STRUCTURE. REPAIR THE STRUCTURE AS NEEDED OR CONSTRUCT A NEW SYSTEM.
18. DISPOSE OF ALL CONCRETE IN A LEGAL MANNER. REUSE THE MATERIAL ON SITE, RECYCLE, OR HAUL THE MATERIAL TO AN APPROVED CONSTRUCTION/DEMOLITION LANDFILL SITE. RECYCLING OF MATERIAL IS ENCOURAGED. THE WASTE MATERIAL CAN BE USED FOR MULTIPLE APPLICATIONS INCLUDING BUT NOT LIMITED TO ROADBEDS AND BUILDING. THE AVAILABILITY FOR RECYCLING SHOULD BE CHECKED LOCALLY.
19. THE PLASTIC LINER SHOULD BE REPLACED AFTER EVERY CLEANING; THE REMOVAL OF MATERIAL WILL USUALLY DAMAGE THE LINING.
20. THE CONCRETE WASHOUT SYSTEM SHOULD BE REPAIRED OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR CONCRETE WASTE.
21. CONCRETE WASHOUT SYSTEMS ARE DESIGNED TO PROMOTE EVAPORATION. HOWEVER, IF THE LIQUIDS DO NOT EVAPORATE AND THE SYSTEM IS NEAR CAPACITY IT MAY BE NECESSARY TO VACUUM OR REMOVE THE LIQUIDS AND DISPOSE OF THEM IN AN ACCEPTABLE METHOD. DISPOSAL MAY BE ALLOWED AT THE LOCAL SANITARY SEWER AUTHORITY PROVIDED THEIR NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMITS ALLOW FOR ACCEPTANCE OF THIS MATERIAL. ANOTHER OPTION WOULD BE TO UTILIZE A SECONDARY CONTAINMENT SYSTEM OR BASIN FOR FURTHER DEWATERING.
22. PREFABRICATED UNITS ARE OFTEN PUMPED AND THE COMPANY SUPPLYING THE UNIT PROVIDES THIS SERVICE.
23. INSPECT CONSTRUCTION ACTIVITIES ON A REGULAR BASIS TO ENSURE SUPPLIERS, CONTRACTORS, AND OTHERS ARE UTILIZING DESIGNATED WASHOUT AREAS. IF CONCRETE WASTE IS BEING DISPOSED OF IMPROPERLY, IDENTIFY THE VIOLATORS AND TAKE APPROPRIATE ACTION.
24. WHEN CONCRETE WASHOUT SYSTEMS ARE NO LONGER REQUIRED, THE CONCRETE WASHOUT SYSTEMS SHALL BE CLOSED. DISPOSE OF ALL HARDENED CONCRETE AND OTHER MATERIALS USED TO CONSTRUCT THE SYSTEM.
25. HOLES, DEPRESSIONS AND OTHER LAND DISTURBANCES ASSOCIATED WITH THE SYSTEM SHOULD BE BACKFILLED, GRADED, AND STABILIZED.

01 CONCRETE WASHOUT DETAIL
NOT TO SCALE



INSTALLATION AND MAINTENANCE GUIDELINES

INSTALLATION:

1. REMOVE THE GRATE FROM THE CATCH BASIN.
2. IF USING OPTION OIL ABSORBENTS, PLACE ABSORBENT PILLOW IN UNIT.
3. STAND THE GRATE ON END, MOVE THE TOP LIFTING STRAPS OUT OF THE WAY AND PLACE THE GRATE INTO THE DANDY SACK SO THAT THE GRATE IS BELOW THE TOP STRAPS AND ABOVE THE LOWER STRAPS.
4. HOLDING THE LIDTING DEVICES, INSTER THE GRATE INTO THE INLET.
5. MAKE SURE THE CYLINDRICAL PORTION IS UP AGAINST THE CURB OPENING TO PREVENT SILT AND DEBRIS FROM ENTERING THE INLET.

MAINTENANCE:

- INSPECT DAILY.
- REMOVE ALL ACCUMULATED SEDIMENT AFTER EACH STORM EVENT. DISPOSE OF SEDIMENT IN AN AREA WHERE IT WILL NOT REENTER THE PAVED AREA OR STORM DRAINS. TO EMPTY UNIT, LIFT THE UNIT OUT OF THE INLET BY USING THE LIFTING STRAPS AND REMOVE THE GRATE.
- WHEN CONTRIBUTING DRAINAGE AREA HAD BEEN STABILIZED, REMOVE INLET PROTECTION.

NOTE: CONTRACTOR TO USE FLEXSTORM CATCH–IT INLET PROTECTOR, DANDY BAG OR APPROVED ALTERNATE.

02 DROP BAG INLET PROTECTION
NOT TO SCALE

SILT FENCE

LOCATION

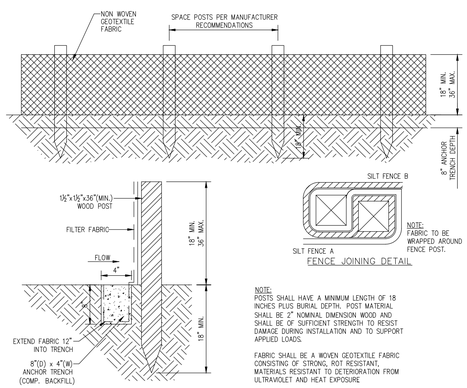
- INSTALLED PARALLEL TO THE SLOPE CONTOUR
- MINIMUM 10 FEET BEYOND THE TOE OF SLOPE TO PROVIDE A BROAD, SHALLOW SEDIMENT POOL.
- ACCESSIBLE FOR MAINTENANCE (REMOVAL OF SEDIMENT AND SILT FENCE REPAIR)

INSTALLATION

1. LAYOUT THE LOCATION OF THE FENCE SO THAT IT IS PARALLEL TO THE CONTOUR OF THE SLOPE AND AT LEAST 10 FEET BEYOND THE TOE OF THE SLOPE TO PROVIDE A SEDIMENT STORAGE AREA. TURN THE ENDS OF THE FENCE UP SLOPE SUCH THAT THE POINT OF CONTACT BETWEEN THE GROUND AND THE BOTTOM OF THE FENCE END TERMINATES AT A HIGHER ELEVATION THAN THE TOP OF THE FENCE AT ITS LOWEST POINT.
2. EXCAVATE AN EIGHT–INCH DEEP BY FOUR–INCH WIDE TRENCH ALONG THE ENTIRE LENGTH OF THE FENCE LINE. INSTALLATION BY PLOWING IS ALSO ACCEPTABLE.
3. INSTALL THE SILT FENCE WITH THE FILTER FABRIC LOCATED ON THE UP–SLOPE SIDE OF THE EXCAVATED TRENCH AND THE SUPPORT POSTS ON THE DOWN–SLOPE SIDE OF THE TRENCH.
4. DRIVE THE SUPPORT POSTS AT LEAST 18 INCHES INTO THE GROUND, TIGHTLY STRETCHING THE FABRIC BETWEEN THE POSTS AS EACH IS DRIVEN INTO THE SOIL. A MINIMUM OF 12 INCHES OF THE FILTER FABRIC SHOULD EXTEND INTO THE TRENCH. (IF IT IS NECESSARY TO JOIN THE ENDS OF THE TWO FENCE, USE THE WRAP JOINT METHOD SHOWN.)
5. LAY THE LOWER FOUR INCHES OF FILTER FABRIC ON THE BOTTOM OF THE TRENCH AND EXTEND IT TOWARD THE UP–SLOPE SIDE OF THE TRENCH.
6. BACKFILL THE TRENCH WITH SOIL MATERIAL AND COMPACT IT IN PLACE.

MAINTENANCE

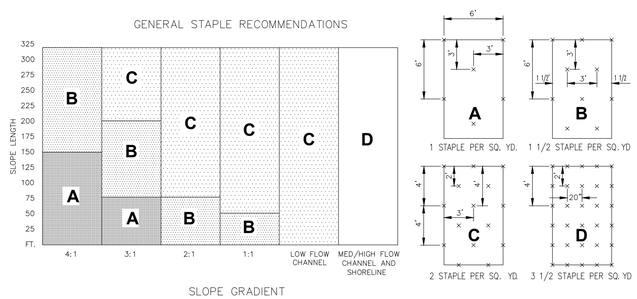
- INSPECT WITHIN 24 HOURS OF A RAIN EVENT AND AT LEAST ONCE EVERY SEVEN CALENDAR DAYS.
- IF FABRIC TEARS, STARTS TO DECOMPOSE, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE AFFECTED PORTION IMMEDIATELY. NOTE: ALL REPAIRS SHOULD MEET SPECIFICATIONS AS OUTLINED WITHIN THIS MEASURE.
- REMOVE DEPOSITED SEDIMENT WHEN IT IS CAUSING THE FILTER FABRIC TO BULGE OR WHEN IT REACHES ONE–HALF THE HEIGHT OF THE FENCE AT ITS LOWEST POINT. WHEN CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED, REMOVE THE FENCE AND SEDIMENT DEPOSITS, GRADE THE SITE TO BLEND WITH THE SURROUNDING AREA, AND STABILIZE.



NOTE:
POSTS SHALL HAVE A MINIMUM LENGTH OF 18 INCHES PLUS BURIAL DEPTH. POST MATERIAL SHALL BE 2" NOMINAL DIMENSION WOOD AND SHALL BE OF SUFFICIENT STRENGTH TO RESIST DAMAGE DURING INSTALLATION AND TO SUPPORT APPLIED LOADS.

FABRIC SHALL BE A WOVEN GEOTEXTILE FABRIC CONSISTING OF STRONG, ROT RESISTANT, MATERIALS RESISTANT TO DETERIORATION FROM ULTRAVIOLET AND HEAT EXPOSURE

04 SILT FENCE DETAIL
NOT TO SCALE



NOTE:

1. CHANNEL LINING UTILIZE STAPLE PATTERN "C" WITH ADDITIONAL STAPLES ON SIDE SLOPES AT PROJECTED WATER LINE.
2. STAPLE PATTERNS APPLY TO ALL NORTH AMERICAN GREEN EROSION CONTROL BLANKETS. STAPLE PATTERNS MAY VARY DEPENDING UPON SOIL TYPE AND AVERAGE RAINFALL
3. AT SLOPE LENGTHS GREATER THAN 300 FEET OR WHERE DRAINAGE OVER LARGE AREAS IS DIRECTED ONTO THE BLANKETS, STAPLE PATTERN "C" SHOULD BE UTILIZED

05 EROSION CONTROL MAT INSTALLATION AND DETAIL
NOT TO SCALE

TEMPORARY SEEDING SPECIFICATIONS

SEED SPECIES	RATE PER ACRE	PLANTING DEPTH	OPTIMUM DATES
WHEAT OR RYE	150 LBS	1 TO 1-1/2 INCHES	SEPT. 15 - OCT. 30
SPRING OATS	100 LBS	1 INCH	MAR. 1 - APR. 15
ANNUAL RYEGRASS	40 LBS	1/4 INCH	MAR. 1 - MAY 1 / AUG. 1 - SEPT. 1
GERMAN MILLET	40 LBS	1 TO 2 INCHES	MAY 1 - JUNE 1
SUDANGRASS	35 LBS	1 TO 2 INCHES	MAY 1 - JULY 30
BUCKWHEAT	60 LBS	1 TO 2 INCHES	APR. 15 - JUNE 1
CORN (BROADCAST)	300 LBS	1 TO 2 INCHES	MAY 11 - AUG. 10
SORGHUM	35 LBS	1 TO 2 INCHES	MAY 1 - JULY 15

RQAW

DCCM

CONSTRUCTION SET

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MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

WHITNEY M. WEIDENBENNER REGISTERED No. PE12300447 STATE OF INDIANA PROFESSIONAL ENGINEER

EROSION CONTROL DETAILS

C617

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 11/21/24 - 3:32 PM EDITED BY: WWEIDENBENNER DRAWING FILE: P-22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\C701 EROSION CONTROL AND DETAILS.DWG

SITE NAME

The area scheduled for construction is known as "Milton Drinking Water System Improvements" (hereinafter referred to as the "Project")

PROJECT LOCATION

The project is located in the Town of Milton, along various streets throughout the town.

OWNER'S INFORMATION

Name: Town of Milton
Address: 101 N Central Ave
Milton IN, 47357
Contact: Terry Craig
Title: Clerk Treasurer
Telephone: (765)478-3818
Email: Tcraig1325@aol.com

OPERATOR'S INFORMATION

Name: N/A
Address: N/A
Contact: N/A
Title: N/A
Telephone: N/A
Email: N/A

NOTICE OF INTENT

All parties defined as owners must submit a Notice of Intent (NOI) at least 48 hours prior to commencement of on-site construction activities. Submittal of late NOI's is not prohibited; however, authorization under the construction general permit is only for discharges that occur after permit coverage is granted. Unpermitted discharges may be subject to enforcement actions by the EPA. For the purposes of this permit, an owner is defined as any party meeting either of the following requirements:

1) The party has operational control over the construction plans and specifications, including the ability to make modifications to those plans and specifications.

2) The party has day-to-day operational control of those activities at a project that are necessary to ensure compliance with a stormwater pollution prevention plan for the site or other permit conditions.

A2 11" x 17" PLAT

Refer to OVERALL SHEET INDEX sheet G100.

A3 PROJECT NARRATIVE

Extend the Town of Milton water.

A4 VICINITY MAP

Refer to OVERALL SHEET INDEX sheet G100.

A5 LEGAL DESCRIPTION OF THE PROJECT SITE

Section: 2
Township: 15N
Range: 12E

A6 LOCATION OF ALL LOTS AND PROPOSED SITE IMPROVEMENTS

The site is not subdivided into lots; therefore, all proposed site improvements are shown on the included plans.

A7 HYDROLOGIC UNIT CODE (HUC)

05080003010108

A8 STATE AND FEDERAL WATER QUALITY PERMITS

Indiana Department of Environmental Management (IDEM) Rule 5

A9 SPECIFIC POINTS WHERE STORMWATER DISCHARGE WILL LEAVE THE SITE

Stormwater drainage from the Project area drains via roadside storm inlets, roadside ditch storm inlets, culverts, and vegetated drainage ditches.

A10 LOCATION AND NAME OF ALL WETLANDS, LAKES, AND WATERCOURSES ON AND ADJACENT TO THE SITE

Whitewater River, Martindale Creek, We-Hi Lake

A 11 IDENTIFICATION OF ALL RECEIVING WATERS

Whitewater River

A12 IDENTIFICATION OF ALL POTENTIAL DISCHARGES TO GROUNDWATER

There are no locations on site where surface water may be discharged into groundwater.

A13 100 YEAR FLOODPLAINS, FLOODWAYS, AND FLOODWAY FRINGES

The project site is located in an unshaded Zone AE as indicated on the Wayne County, IN Flood Insurance Rate Map 18177C0216E dated 04/02/2015. See this sheet for Floodplain Map and Legend.

A14 PRE-CONSTRUCTION AND POST CONSTRUCTION ESTIMATE OF PEAK DISCHARGE

Impervious area of new Access Drive will have slight impact on storm runoff. Need information.

A15 ADJACENT LAND USE

North: AGRICULTURE
South: AGRICULTURE
East: AGRICULTURE
West: AGRICULTURE

A16 LOCATIONS AND APPROXIMATE BOUNDARIES OF ALL DISTURBED AREAS

Approximate boundaries of disturbed areas are as identified on the EROSION CONTROL PLAN sheets C601 - C616.

A17 IDENTIFICATION OF EXISTING VEGETATIVE COVER

Approximate areas of existing vegetative cover are as shown on the PROPOSED WATER MAIN IMPROVEMENTS PLAN sheets #### - C125, RR CROSSING PLAN AND PROFILE sheets C201 - C210 and WATER TREATMENT PLANT SITE PLAN sheet C300.

A18 SOILS MAP INCLUDING SOIL DESCRIPTION AND LIMITATIONS

See this sheet for Soils Map and Legend. The on-site soil will be treated as recommended by the geotechnical engineer if the conditions are unsuitable for the proposed construction.

A19 LOCATIONS, SIZE, AND DIMENSIONS FOR THE PROPOSED STORMWATER SYSTEMS

Refer to PROPOSED WATER MAIN IMPROVEMENTS PLAN sheets #### - C125.

A20 PLANS FOR ANY OFF-SITE CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS PROJECT

N/A

A21 LOCATIONS OF PROPOSED SOIL STOCKPILES AND/OR BORROW/DISPOSAL

Excess soil shall be immediately stockpiled, surrounded with silt fence, and seeded and/or removed from the project site in accordance with all applicable laws. If topsoil stockpiles are anticipated for this project, they are shown on the EROSION CONTROL PLAN sheets C601 - C616.

A22 EXISTING SITE TOPOGRAPHY

Refer to PROPOSED WATER MAIN IMPROVEMENTS PLAN sheets #### - C125, RR CROSSING PLAN AND PROFILE sheets C201 - C210 and WATER TREATMENT PLANT SITE PLAN sheet C300.

A23 PROPOSED FINAL SITE TOPOGRAPHY

Refer to PROPOSED WATER MAIN IMPROVEMENTS PLAN sheets #### - C125, RR CROSSING PLAN AND PROFILE sheets C201 - C210 and WATER TREATMENT PLANT SITE PLAN sheet C300.

A24 SIZE OF PROJECT AREA EXPRESSED IN ACRES

XXX Acres

A25 TOTAL EXPECTED LAND DISTURBANCE EXPRESSED IN ACRES

3.74 Acres

B1 DESCRIPTION OF POTENTIAL POLLUTANT SOURCES ASSOCIATED WITH CONSTRUCTION ACTIVITIES

The following potential pollutant sources may be associated with construction activities on site:
1. Material storage areas
2. Construction waste material
3. Fuel storage areas and fueling stations
4. Exposed soils
5. Leaking vehicles and equipment
6. Sanitary waste from temporary toilet facilities
7. Litter
8. Windblown dust
9. Soil tracking off site from construction equipment

The following materials may be staged or stored on site at various points during construction:
1. Structural fill
2. Pavement base stone
3. HDPE, PVC, RCP, or Ductile Iron Pipe
4. Precast concrete, HDPE, or PVC drainage and sanitary structures
5. Riprap

B2 SEQUENCE DESCRIBING STORMWATER QUALITY MEASURE IMPLEMENTATION RELATIVE TO LAND-DISTURBING ACTIVITIES

Pre-construction Activity
1. The exact locations of all existing utilities within the project limits are to verified prior to construction.
2. Schedule pre-construction meeting with local stormwater authority 48 hours prior to start of construction.
3. Install protection fencing for existing trees to remain in place within the project limits

Construction Site Access
1. Install gravel construction entrance
2. Post the NOI and contact information at the construction entrance. NOI to remain posted for duration of the project.
3. Install construction staging pads, fueling station, material storage areas, concrete washout, construction parking areas, and stabilize construction routes

Perimeter Controls
1. Utilize the gravel construction entrance for installation of the perimeter silt fence. Add additional stone to driveway if needed.

Initial Land Clearing and Grading Activities
1. Add inlet protection measures to existing inlets.
2. Strip the topsoil and stabilize the topsoil stockpile.

Secondary Land Grading Activities
1. Begin site grading/construction of detention basins (if applicable) and stabilize any soil stockpiles that will be left dormant for more than 10 days.
2. Complete the cut and fills on the site. Final grade and seed the pond slopes (if applicable). Stabilize slopes with erosion control blanket.
3. Install storm sewer system and install inlet protection immediately upon complete of the inlet and install rip-rap outlet protection prior to installing outlets.

Surface Stabilization
1. Apply temporary seeding and stabilize slopes in areas where rough grading has been completed.
2. Apply permanent seeding and stabilize slopes in areas where final grading has been completed.

Final Shaping/Landscaping
1. Utilize topsoil salvage in applicable areas and apply permanent seeding.
2. Apply permanent seeding around the perimeter of the site.
3. Complete utility installation and paving.
4. Install landscaping plant material and stabilize all disturbed areas.
5. Remove all erosion and sediment control practices when areas have a uniform grass cover.

B3 STABLE CONSTRUCTION ENTRANCE LOCATIONS AND SPECIFICATIONS

Construction entrances will be in place prior to any site construction or demolition. Entrances are shown on EROSION CONTROL PLAN sheets C601 - C616. Refer to EROSION CONTROL DETAILS sheet C617 for details.

B4 SEDIMENT CONTROL MEASURES FOR SHEET FLOW AREAS

Sheet flow areas will be protected by seed and mulch or hydroseeding. Erosion control blankets will be installed on sloped areas where the slope exceeds 4:1 (horizontal to vertical). Silt fencing will be utilized to prevent sedimentation from leaving the site. Refer to EROSION CONTROL PLAN for locations and EROSION CONTROL DETAILS for details.

B5 SEDIMENT CONTROL MEASURES FOR CONCENTRATED FLOW AREAS

Install temporary rock check dams or sediment traps in appropriate strategic locations. Straw bales and silt fences will not be allowed as concentrated flow protection measures. Refer to EROSION CONTROL PLAN for locations and EROSION CONTROL DETAILS for details.

B6 STORM SEWER INLET PROTECTION MEASURE LOCATIONS AND SPECIFICATIONS

The contractor shall install appropriate inlet protection measures at each inlet. Refer to EROSION CONTROL PLAN sheets C601 - C616 for locations and EROSION CONTROL DETAILS sheet C617 for details. Straw bales will not be allowed as inlet protection measures. These inlet protection measures should be installed prior to excavation or after new inlets are installed.

B7 RUNOFF CONTROL MEASURES

All areas within the construction site will be bordered by silt fence.

B8 STORMWATER OUTLET PROTECTION MEASURES

N/A

B9 GRADE STABILIZATION STRUCTURE LOCATIONS

N/A

B10 LOCATION, DIMENSIONS, SPECIFICATIONS, AND CONSTRUCTION DETAILS OF EACH STORMWATER QUALITY MEASURE

Refer to EROSION CONTROL PLAN sheets C601 - C616 for locations and EROSION CONTROL DETAILS sheet C617 for details.

B11 TEMPORARY SURFACE STABILIZATION METHODS APPROPRIATE FOR EACH SEASON

Surface stabilization is required on any bare or thinly vegetated areas that is scheduled or likely to remain inactive for a period of 10 days or more. Refer to the Temporary Seeding Detail within the Erosion Control Details for specifics on soil amendments, seed mixtures, and mulching. The surface stabilization for the lots needs to be established as soon as possible to prevent dirt wash-out into the streets. If this is not possible, then silt fencing will need to be installed along the back of curbs.

B12 PERMANENT SURFACE STABILIZATION SPECIFICATIONS

1.) Loosen lawn area to a minimum depth of 6 inches. Mix soil amendments and fertilizers with topsoil at rates specified. Organic soil amendments such as peat, compost, or manure shall be applied at 2" depth evenly over soil and incorporated into the top 6" of topsoil. Provide fertilizer with percentage of nitrogen required to provide not less than 1 pound of actual nitrogen per 1,000 square feet of lawn area and not less than 4 percent phosphoric acid and 2 percent potassium. At least 50 percent of nitrogen to be organic form. Delay mixing of fertilizer if planting will not follow placing of planting soil within a few days.
2.) Fertilizer for lawns: provide a fast release fertilizer with a composition of 1 lb per 1,000 square feet of actual nitrogen, 4 percent phosphorous, and 2 percent potassium by weight.
3.) Slow-release fertilizer for trees and shrubs: granular fertilizer consisting of 50 percent water-insoluble nitrogen, phosphorous and potassium made up of a composition by weight of 5 percent.
4.) Grade lawn and grass areas to a smooth, even surface with loose, uniformly fine texture. Limit fine grading to areas that can be planted within immediate future. Remove trash, debris, stones larger than 1 inch diameter, and other objects that may interfere with planting or maintenance operations. Sow seed using a spreader of seeding machine. Do not seed when wind velocity exceeds 5 miles per hour.
5.) Distribute seed evenly over entire area by sowing equal quantity in 2 directions at right angles to each other.
6.) Rake seed lightly into top 1/8 inch of soil, roll lightly, and water with a fine spray.
7.) Install erosion control blankets as indicated on the Erosion Control Plan.
8.) Protect seeded areas against erosion by spreading clean, seed-free straw mulch after completion of speeding operations. Spread uniformly to form a continuous blanket not less than 1-1/2 inches loose measurements over seeded areas.
9.) Water newly planted lawn areas and keep moist until new grass is established. Immediately repair any lawn areas disturbed by construction activities including tree and shrub installation.
10.) Refer to the Permanent Seeding Details within the Erosion Control Detail Sheet, for timing of permanent seeding, grass seed specifications and mulching specifications.

B13 MATERIAL HANDLING AND SPILL PREVENTION PLAN

Solid Waste Disposal
No solid material, including building materials, is permitted to be discharged to surface waters or buried on site. All solid waste materials, including disposable materials incidental to construction activity, must be collected in containers or closed dumpsters. The collection containers must be emptied periodically and the collected material hauled to a landfill permitted by the State and/or appropriate local municipality to accept the waste for disposal.

A foreman or supervisor should be designated in writing to oversee, enforce, and instruct construction workers on proper solid waste procedures.

Hazardous Waste
Whenever possible, minimize the use of hazardous materials and generation of hazardous wastes. All hazardous waste materials will be disposed in the manner specified by federal, state, or local regulations or by the manufacturer.

Use containment berms in fueling and maintenance areas and where potential for spills is high.

A foreman or supervisor should be designated in writing to oversee, enforce, and instruct construction workers on proper hazardous waste procedures. The location of any hazardous waste storage areas should be indicated on the stormwater pollution prevention plan by the operator following on-site location of the facility.

Dust Control/Off-Site Vehicle Tracking
During construction, water trucks should be used, as needed, by each contractor or subcontractor to reduce dust. After construction, the site should stabilized to reduce dust.

Construction traffic should enter and exit the site at a Construction Entrance with a rock pad or equivalent device. The purpose of the rock pad is to minimize the amount of soil and mud that is tracked onto existing street. If sediment escapes the construction site, off-site accumulations of sediment must be removed a frequency sufficient to minimize off-site impacts.

Sanitary/Septic
Contractors and subcontractors must comply with all state and local sanitary sewer, portable toilet, or septic system regulations. Sanitary facilities shall be provided at the site by each contractor or subcontractor throughout construction activities. The sanitary facilities should be utilized by all construction personnel and be serviced regularly. All expenses associated with providing sanitary facilities are the responsibility of the contractors and subcontractors. The location of any sanitary facilities should be indicated on the stormwater pollution prevention plan by the operator following on-site location of said facilities.

Water Source
Water used to establish and maintain grass, to control dust, and for other construction purposes must originate from a public water supply or private well approved by the State or local health department.

Equipment Fueling and Storage Areas
Equipment fueling, maintenance, and cleaning should only be completed in protected areas (i.e., bermed area). Leaking equipment and maintenance fluids will be collected and not allowed to discharge onto soil where they may be washed away during a rain event.

Equipment wash-down (except wheel washes) should take place within an area surrounded by a berm. The use of detergents is prohibited.

Hazardous Material Storage
Chemicals, paint, solvents, fertilizers, and other toxic or hazardous materials should be stored in their original containers (if original container is not resealable, store the products in a clearly labeled, waterproof container). Except during application, the containers should be kept in trucks or in bermed areas within covered storage facilities. Runoff containing such materials shall be collected, removed from the site, and disposed of in accordance with the federal state, and local regulations.

As may be required by federal, state or local regulations, the Contractor should have a Hazardous Materials Management Plan and/or Hazardous Materials Spill and Prevention Program in place. A foreman or supervisor should be designated in writing to oversee, enforce, and instruct construction workers on proper hazardous materials storage and handling procedures. The location of any hazardous material storage areas should be indicated on the stormwater pollution prevention plan by the operator following on-site location of the storage areas.

Material Handling and Spill Prevention
Discharge of hazardous substances or oil into stormwater is subject to reporting requirements. In the event of a spill of a hazardous substance, the operator is required to notify the National Response Center (1-800-424-8802) to properly report the spill. In addition, the operator shall submit a written description of the release (including the type and amount of material released, the date of the release, the circumstances of the release, and the steps to be taken to prevent future spill) to the local governing authority. The SWPPP must be revised within 14 calendar days after the release to reflect the release, stating the information above along with modifications minimize the possibility of future occurrences. Each contractor and subcontactor is responsible for complying with these reporting requirements.

Concrete Washout
All concrete trucks waste material shall be completely contained and disposed in accordance with all local, state, and federal regulations. A pit or container is required when cleaning concrete chutes.

Spill Response Plan
Minor - Small spills that typically involve oil, gasoline, paint, hydraulic fluid, etc. can be controlled by the first responder at the discovery of the spill.
- Contain spill to prevent material from entering storm or groundwater. Do not flush with water or bury.
- Use absorbent material to clean-up spill material and any subsequently contaminated soil and dispose of properly.

Semi-Significant Spills - Approximately ten gallons or less of pollutant with no contamination of ground or surface waters. Minor spills can be generally controlled by the first responder with help from other site personnel. This response may require other operations to stop to make sure the spill is quickly and safely addressed. At the discovery of the spill:
- Contain spill to prevent material from entering storm or ground water. Do not flush with water or bury.
- Use absorbent material to clean-up spills and dispose of properly. Spills on impervious surfaces should be disposed of as soon as possible to prevent migration deeper into the soil and groundwater. Dispose of contaminated soils or absorbents properly.
- Contact 911 if the spill could be a safety issue
- Contact supervisors and designated site inspectors, including MS4 personnel, immediately.
- Contaminated solids are to be removed to an approved landfill.

Major or Hazardous Spills - More than ten gallons, there is the potential for death, injury or illness to humans or animals, or has the potential for surface or groundwater pollution.
- Control or contain the spill without risking bodily harm. Temporarily plug storm drains if possible to prevent migration of the spill into the stormwater system
- Immediately contact the local Fire Department at 911 to report any hazardous material spill.
- Contact supervisors and designated site inspectors immediately. Governing authorities, including MS4 personnel, responsible for stormwater facilities should be contacted as well. The contractor is responsible for having these contact numbers available at the job site. A written report should be submitted to the owner as soon as possible.
- As soon as possible but within 2 hours of discovery, contact the local agency responsible for spill management. The following information should be noted for future reports to the agency:
  - Name, address and phone number of person making the spill report
  - The location of the spill
  - The time of the spill
  - Identification of the spilled substance
  - Approximate quantity of the substance that has been spilled or may be further spilled
  - The duration and source of the spill
  - Name and location of the damaged waters
  - Name of spill response organization
  - What measures were taken in the spill response
  - Other information that may be significant

Additional regulations or requirement may be present. A spill response professional should be consulted to make sure all appropriate and required steps have been taken. Contaminated solids should only be removed from the site after approval is give by the appropriate agency.

B14 MONITORING AND MAINTENANCE GUIDELINES FOR EACH PROPOSED STORMWATER QUALITY MEASURE

Inspection Schedule/Reporting
All impacted areas, as well as all erosion and sediment control devices, will be inspected every seven (7) calendar days and within 24 hours after a rainfall of 0.5 inch or greater. Where sites have been final or temporarily stabilized or on sites where runoff is unlikely due to winter conditions (e.g. site is covered with snow, ice, or frozen ground exists), such inspections shall be conducted at least once every month.

Inspections shall be conducted and a written report prepared, by a designated and qualified person familiar with the USEPA NPDES Storm Water General Permit, this SWPPP, and the Project.

Inspection reports shall be completed including scope of the inspection, name(s) and qualifications of personnel making the inspection, the date of the inspection, observations relating to the implementation of the SWPPP, and any actions taken as a result of incidents of noncompliance noted during the inspection. The inspection report should state whether the site was in compliance or identify and incidents of noncompliance. The contractor shall keep a copy of the inspection reports on site and permanently for a period of two years following construction. The on-site reports may be requested by inspections conducted by the local governing authority.

Construction Entrance
Locations where vehicles exit the site shall be inspected for evidence of off-site sediment tracking. Each contractor and subcontractor shall be responsible for maintaining the Construction Entrance and other controls as described in this SWPPP.

Material Storage Inspections
Inspectors must evaluate areas used for storage of materials that are exposed to precipitation. The purpose is to ensure that materials are protected and/or impounded so that pollutants cannot discharge from storage areas. Off-site material storage areas used solely b the subject project are considered to be part of the project and must be included in the erosion control plans and site inspection reports.

Soil Stabilization Inspections
Seeded areas will be inspected to confirm that a healthy stand of vegetation is maintained. The site has achieved final stabilization once all areas are covered with pavement or have a stand of vegetation with at least 70% of the background vegetation density. The density of 70% or greater must be maintained to be considered as stabilized. The operator or their representative will water, fertilize, and reseed disturbed areas as needed to achieve this goal.

Erosion and Sediment Control Inspections
All controls should be inspected at least once every seven (7) calendar days and following any storm event of 0.5 inch or greater. The following is a list of inspection/maintenance practices that will be used for specific controls:
1. Geotextiles/Erosion Control Mats: Missing or loose matting must be replaced or re-anchored
2. Inlet Protection: If silt fence inlet protection is to be used, sediment should be removed when it reaches approximately one-half the height of the fence. If a sump is used, sediment should be removed when the volume of the basin is reduced by 50%.
3. Mulching: Inspect for thin or bare spots caused by natural decomposition or weather-related events. Mulch in high traffic areas should be replaced on a regular basis to maintain uniform protection.
4. Silt Fence: Removal of built-up sediment will occur when the sediment reaches one-third the height of the fence.
5. Stabilized Construction Entrance: Periodic re-grading and top dressing with additional stone.
6. Vegetation: Protect newly seeded areas from excessive runoff and traffic until vegetation is established. Establish a watering and fertilizing schedule.
7. Good Housekeeping: Litter, construction debris, and construction chemicals exposed to stormwater shall be prevented from becoming a pollutant source for stormwater discharges through screening of outfalls and daily pickup of litter.

In the event that sediment escapes the construction site, off-site accumulations of sediment must be removed at a frequency sufficient to minimize adverse impacts. An example of this may be the situation where sediment has washed into the street and could be carried into the storm sewers by the next rainfall and/or pose a safety hazard to user of public street.

Modifications/Revisions to SWPPP
Based on inspection results, any necessary modification to this SWPPP shall be implemented within seven (7) calendar days of the inspection. A modification is necessary if a control measure or operational procedure does not provide adequate pollutant control. All revisions shall be recorded on a Record of Revisions within seven (7) calendar days of the inspection.

It is the responsibility of the operator to maintain effective pollutant discharge controls. Physical site conditions or contractor/subcontractor practices could make it necessary to install more control than were originally planned. Fore example, localized concentrations of surface runoff or unusually steep areas could required additional silt barrier or other structural controls.

Assessing the need for and installing additional controls will be a continuing contractor/subcontractor responsibility until final stabilization is achieved. Contractors and subcontractors implementing this SWPPP must remain alert to the need to periodically refine and update this SWPPP in order to accomplish the intended goals.

Notice of Termination
Compliance of the site with the General Construction Permit remains the responsibility of all operators that have submitted an NOI until such time as they have submitted a Notice of Termination (NOT). The permittee's authorization to discharge under the General Construction Permit terminates at midnight of the day the NOT is signed.

All permittees must submit an NOT within thirty (30) days after one or more of the following conditions have been met:
1. Final stabilization has been achieved on all portions of the site for which the permittee was responsible.
2. Another operator/permittee has assumed control over all areas of the site that have not been finally stabilized.
3. In residential construction operations, temporary stabilization has been completed and the residence has been transferred to the homeowner.

B15 EROSION AND SEDIMENT CONTROL SPECIFICATIONS FOR INDIVIDUAL BUILDING LOTS

The site is not currently subdivided, therefore the entire site is on this plan's Erosion Control Plan.

C1 DESCRIPTION OF POLLUTANTS AND THEIR SOURCES ASSOCIATED WITH THE PROPOSED LAND USE

Pollutant Source: Passenger vehicles, delivery vehicles.
Type of Pollutant: Oil, gasoline, diesel fuel, any hydrocarbon associated with vehicular fuels and lubricants, grease, antifreeze, windshield cleaner solution, brake fluid, dust, rubber, glass, metal and plastic fragments, grit, road de-icing materials.

Pollutant Source: Building
Type of Pollutant: Cleaning solutions or solvents, leaks from HVAC equipment, grit from roof drainage, aggregate or rubber fragments from roofing system.

Pollutant Source: Trash Dumpster
Type of Pollutant: Cleaning solutions or solvents, litter (paper, plastic, general refuse associated with distribution operations), uneaten food products, bacteria.

Pollutant Source: Parking Lot
Type of Pollutant: Any pollutant associated with vehicular sources, grit from asphalt wearing surface, bituminous compounds from periodic maintenance (sealing, resurfacing, and patching), pavement de-icing materials, paint fragments from parking stall striping, concrete fragments, wind-blown litter from off-site sources, elevated water temperatures from contact with impervious surfaces.

Pollutant Source: Lawn and Landscape Areas
Type of Pollutant: Fertilizers, soil, organic material (leaves, mulch, grass clippings)

C2 SEQUENCE DESCRIBING STORMWATER QUALITY MEASURE IMPLEMENTATION

The grass-lined channels and swales will serve as the permanent water quality features after construction is complete. The purpose of these features is to filter pollutants and sediment.

C3 DESCRIPTION OF PROPOSED POST-CONSTRUCTION STORMWATER QUALITY MEASURES

Vegetated Swale
Vegetated swales are designed to reduce pollutant and sediment loads in stormwater runoff. Stormwater runoff is directioned in the swale which conveys the runoff from the site. While moving through the swale, runoff velocity is greatly decreased allowing biofiltration (uptake of nutrients by plants), infiltration (percolation of water through the swale's porous soil substrate), and sedimentation (settling of later suspended particles).

Permanent Vegetation
Topsoil will be placed in lawn areas and seeded with grass, and graded not to exceed 3:1 slopes. Proposed landscape trees and shrubs will also be added. These bio areas will act as a natural filter strip to help improve stormwater quality. The vegetated areas will slow the velocities of stormwater runoff, reduce sediment runoff, and reduce problems associated with mud or dust from bare soils.

Good Housekeeping Measures
Good housekeeping measures such as regular street or pavement sweeping, installation of trash receptacles, and reduction in fertilizer overspray can be incorporated by the owner and/or occupant.

C4 LOCATION, DIMENSIONS, SPECIFICATIONS, AND CONSTRUCTION DETAILS OF EACH STORMWATER QUALITY MEASURE

Refer to EROSION CONTROL PLAN sheets C701 - C70X for locations and EROSION CONTROL DETAILS sheet C704 for details.

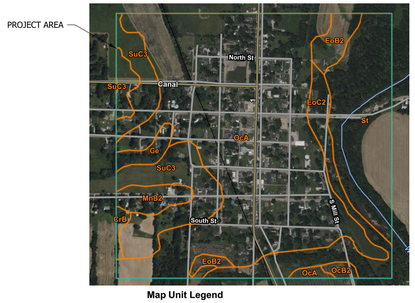
C5 DESCRIPTION OF MAINTENANCE GUIDELINES FOR POST-CONSTRUCTION STORMWATER QUALITY MEASURES

Maintenance requirements for the stormwater quality measures which will remain in place after construction is complete, are described below.

Vegetated Swale
Vegetated swales require little maintenance if properly designed. Mow as needed during the growing season; inspect for erosion control problems twice during the first year, annually thereafter; and removed sediment, trash and debris annually or more frequently if needed.

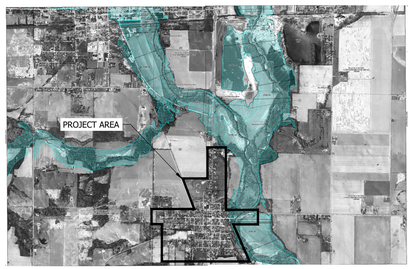
Wet Detention Pond
Remove debris and sediment from entire pond when necessary. Inspect perimeter of basin annually and after major storm events. Regrade soil if gullies form and replant ground. Inspect inlet and outlet devices and structures annually and after major storm events.

SOILS MAP



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
GrB	Grouby-Celina silt loams, 2 to 4 percent slopes, eroded	1.2	0.5%
EoB2	Elsinan loam, 2 to 6 percent slopes, eroded	6.6	2.9%
EoC2	Elsinan loam, 6 to 12 percent slopes, eroded	18.9	8.2%
Ge	Genesee silt loam, 0 to 3 percent slopes, occasionally flooded	3.5	1.5%
MnB2	Miami silt loam, 3 to 6 percent slopes, eroded	5.7	2.4%
MnB3	Miami silt loam, severely subdeteriorated, 2 to 6 percent slopes, eroded	3.2	1.4%
OuA	Ockley silt loam, 0 to 2 percent slopes	127.8	55.3%
OsB2	Ockley silt loam, 2 to 6 percent slopes, eroded	1.4	0.6%
SI	Shoesick loam, occasionally flooded	35.0	15.3%
SuC3	Steam clay loam, 8 to 12 percent slopes, severely eroded	27.3	11.8%
Totals for Area of Interest		**231.1**	**100.0%**



FLOODPLAIN MAP

RQAW

DCCM

CONSTRUCTION SET

MILTON DRINKING WATER SYSTEM IMPROVEMENTS

MILTON, IN 47357

#	REVISION	DATE

PROJECT #: 22-400-230-1

DESIGNED BY: WMW

DRAWN BY: RLH

CHECKED BY: WMW

DATE: 12/16/2024

WHITNEY M. WEIDENBENER
REGISTERED
No. PE12300447
STATE OF INDIANA
PROFESSIONAL ENGINEER

STORM WATER POLLUTION PREVENTION PLAN

C801

PRINT DATE: 12/31/24
PLOT SCALE: 1:1 EDIT DATE: 1/26/23 - 2:57 PM EDITED BY: RHUNT DRAWING FILE: P:\22-400-230-1 MILTON DRINKING WATER\5 ACAD\PLAN SHEETS & WORKING DRAWINGS\C801 SWPPP SHEET.DWG