

GENERAL NOTES:

- CONTRACTOR TO INSTALL THE PROPOSED GAS MAIN TO THE ELEVATIONS SHOWN ON THE PLANS USING THE BENCHMARKS PROVIDED. APPROXIMATE COVER SHOWN AFTER THE REQUIRED ELEVATION IS FOR INFORMATION PURPOSES ONLY.
- BACKFILL WITH SAND WHERE PIPE TRENCH IS UNDER OR WITHIN 2' OF PAVEMENT, CURB, OR SIDEWALK.
- INSTALL PROPOSED MAIN USING ROAD STATIONING WHERE GIVEN. OTHER DIMENSIONS ARE FOR MAPPING PURPOSES ONLY.
- ALL RIGHT-OF-WAY MUST BE STAKED AND STATIONING PROVIDED BEFORE GAS MAIN CAN BE INSTALLED.
- INSTALL PIPELINE MARKERS PER GCS 249. SEE SPECIFICATION FOR ALL REQUIREMENTS. FOR CLASS 1 AND 2 LOCATIONS, MARKERS ARE REQUIRED OVER EACH BURIED MAIN AT EACH CROSSING OF A PUBLIC ROAD AND RAILROAD. IN ADDITION, PIPELINE MARKERS ARE REQUIRED AT ALL RAILROAD AND WATERWAY CROSSINGS.
- INSTALL ALL MAIN WITH A MINIMUM COVER OF 3' UNLESS OTHERWISE NOTED.
- PIPE CONTRACTOR SHALL INSTALL THE PROPOSED GAS MAINS CROSSING CONCRETE, ASPHALT, MACADAM, OR OTHER HARD SURFACED PAVEMENTS, WALKS, OR DRIVEWAYS BY BORING OR PUSHING UNLESS OTHERWISE SPECIFIED. CONTRACTOR WILL INSTALL A TEMPORARY PATCH PER GAS CONSTRUCTION SPECIFICATIONS FOR CONTRACTORS. PERMANENT REPAIRS TO BE COMPLETED BY OTHERS.
- CONTRACTOR SHALL FURNISH AND INSTALL ALL CAPS AND OTHER FITTINGS NECESSARY FOR TESTING THE MAIN.
- ALL 8" AND LARGER STEEL PIPE THAT IS BORED MUST BE DUAL COATED.
- PLUG AND/OR CAP RETIRED 6" AND LARGER MAINS EVERY 660' PER GCS 849.
- INSTALL VERTICAL ELBOWS AS REQUIRED PER GCS 881.
- EXTEND MAIN TO LAST SERVICE.
- INSTALL LOCATING WIRE PER GCS 700.
- RETIRE OLD MAIN PER GCS 849.
- IT IS THE RESPONSIBILITY OF THE NICOR GAS INSPECTOR, CONTRACTOR, AND ANYONE INVOLVED IN THE CONSTRUCTION OF THE FACILITIES TO FOLLOW THE LATEST NICOR GAS GMS AND GCS SPECIFICATIONS. CONTACT NICOR'S TECHNICAL SERVICES DEPARTMENT, MARK TUPY, SENIOR CODES AND STANDARDS ENGINEER, AT (630) 388-2322 FOR A COPY OF THE LATEST EDITION.
- COORDINATE WITH NICOR GAS INSPECTOR FOR LOCATION OF UNDERGROUND UTILITIES PRIOR TO STARTING ANY EXCAVATION. EXERCISE CARE WHEN EXCAVATING NEAR EXISTING STRUCTURES.
- ANY PROPOSED DIRECTIONALLY BORED PIPE TO BE INSTALLED PER NICOR GAS DIRECTIONAL BORING GUIDELINES DATED DECEMBER 15, 2005.
- UTILITY LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND MAY NOT BE ALL INCLUSIVE. CONTRACTOR SHALL CONTACT J.U.L.I.E. AND LOCAL GOVERNMENT AGENCIES PRIOR TO CONSTRUCTION FOR ALL UTILITY LOCATIONS.
- REMOVE TOP SECTION OF THE VALVE BOX FROM VALVES ON THE RETIRED MAIN. BACKFILL WITH SAND AND MATCH EXISTING PAVEMENT IF APPLICABLE.
- IT IS THE RESPONSIBILITY OF THE CREW (INTERNAL OR CONTRACTOR) INSTALLING THE GAS FACILITIES TO LOCATE ALL SEWER MAINS AND LATERALS WITHIN THE SCOPE OF THE PROJECT. NO BORING, DIRECTIONAL DRILLING OR OTHER TRENCH LESS CONSTRUCTION METHODS SHALL BE EMPLOYED WITHOUT EITHER LOCATING SEWERS OR OBTAINING PROOF OF SEPTIC SYSTEMS. THE USE OF A SONDE DEVICE (CALIBRATED DAILY) IS RECOMMENDED FOR LOCATING THE SEWER FACILITIES. SPOTTING OF SEWER FACILITIES IS REQUIRED IF A SONDE DEVICE IS NOT USED (HOWEVER, SPOTTING OF FACILITIES MAY STILL BE REQUIRED WHEN USING A SONDE DEVICE). PROPER CLEARANCE OF GAS FACILITIES AND SEWER MAINS/LATERALS SHALL BE MAINTAINED PER GCS 700 SECTION 10.
- CONTACT INFORMATION:

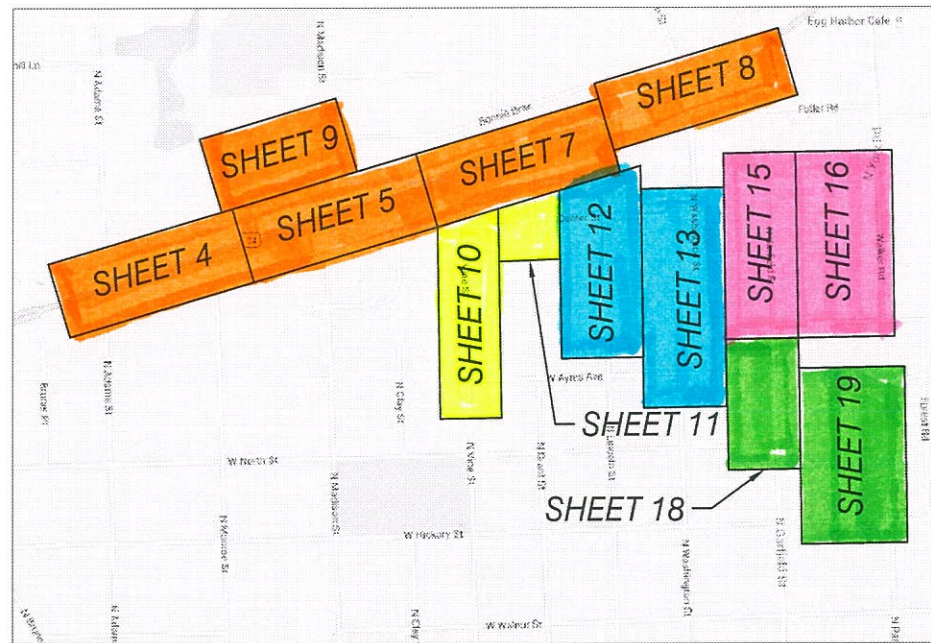
NAME: DAN DEETER
 TITLE: VILLAGE ENGINEER
 PHONE: (630) 789-7039
 EMAIL: DDEETER@VILLAGEOFHINSDALE.ORG
 ADDRESS: 19 EAST CHICAGO AVE, HINSDALE, ILLINOIS 60521

ENVIRONMENTAL NOTES:

- PCB WIPE SAMPLES, PERFORMED BY NICOR GAS EMPLOYEES, ARE REQUIRED FOR ALL 4" AND LARGER PIPE THAT IS ABANDONED OR REMOVED ON THIS WORK ORDER. DIRECT QUESTIONS ON PCB WIPE SAMPLE PROCEDURES TO THE SYSTEM OPERATIONS DEPARTMENT OR KEITH BODGER (630-514-7589) IN ENVIRONMENTAL, HEALTH AND SAFETY (EHS).
- COLLECT AND PROPERLY DISPOSE OF ALL LIQUIDS FROM PIPELINES BEING RETIRED.
- ANY SPILLS SHOULD BE CONTAINED AND IMMEDIATELY REPORTED TO EHS. PLEASE CALL THE EHS PAGER (630-512-2664). REFER TO THE ENVIRONMENTAL PROCEDURES MANUAL FOR ADDITIONAL INFORMATION ON SPILL RESPONSE.
- ANY RETIRED PIPE THAT MUST BE REMOVED FROM THE SITE SHOULD HAVE THE ENDS COVERED WITH PLASTIC OR SIMILAR MATERIAL UNTIL THE PCB WIPE SAMPLE LAB RESULTS ARE KNOWN. INDICATE ON THE "NICOR GAS PCB SAMPLE INFORMATION FORM" WHERE ANY PIPE REMOVED FROM THE SITE IS BEING TEMPORARILY LOCATED.
- IF ASBESTOS COAL WRAP IS IDENTIFIED, REFER TO ASBESTOS COAL TAR WRAP REMOVAL GUIDELINES. REMOVAL MUST BE COMPLETED BY A TRAINED EMPLOYEE. FOR ANY QUESTIONS OF PROCEDURE OR TRAINED EMPLOYEES, CALL SCOTT MURPHY (630-392-7033) IN EHS.
- IF CONTAMINATED SOIL IS SUSPECTED, CALL KEITH BODGER (630-514-7589) IN EHS FOR REGULATORY COMPLIANCE INSTRUCTION.
- ALL WETLANDS SHOULD BE IDENTIFIED ON THESE WORK ORDER DRAWINGS. WETLANDS AND WATERBODIES ARE GENERALLY LABELED AS "SITES." IF THERE IS A QUESTION ABOUT THE WETLAND BOUNDARIES OR BUFFERS, PLEASE CALL EHS (JULIE PASCHAL AT 630-392-7013 OR CLAUDIA MACHOLZ AT 630-669-9361).
- IF THE PROJECT HAS ENVIRONMENTAL PERMITS AND/OR A GREEN BINDER, THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THE NICOR GAS STORM WATER POLLUTION PREVENTION PLAN FOR THE PROJECT. IF THERE ARE QUESTIONS, PLEASE CALL EHS (JULIE PASCHAL AT 630-392-7013 OR CLAUDIA MACHOLZ AT 630-669-9361).
- IF A FRAC OUT OCCURS DURING DIRECTIONAL DRILLING, THE CONTRACTOR IS RESPONSIBLE FOR STOPPING THE BORE, CONTAINING THE FRAC OUT MATERIAL, AND IMMEDIATELY CONTACTING EHS (JULIE PASCHAL AT 630-392-7013 OR CLAUDIA MACHOLZ AT 630-669-9361). AFTER CONTAINING THE MATERIAL AND CONTACTING EHS, THE CONTRACTOR MUST REMOVE THE FRAC OUT MATERIAL.
- REFUEL AND STORE EQUIPMENT A MINIMUM OF 100 FEET FROM WETLANDS OR WATER BODIES.
- INSTALL SOIL AND EROSION CONTROL PROTECTION TO PROTECT ANY OPEN GRATED STRUCTURES, I.E. INLETS, CATCH BASINS, OR MANHOLES WITHIN OR ADJACENT TO THE PROJECT AREA THAT ARE NEAR DISTURBED SOIL.
- WHEN DEWATERING, DIRECT WATER TO A FLAT UPLAND AREA TO ALLOW WATER TO SOAK INTO THE GROUND AND/OR USE FILTER BAGS AND WOOD FIBER LOSS TO REMOVE SOIL/SEDIMENT FROM THE WATER. NO SEDIMENT LADEN WATER IS ALLOWED TO ENTER INLETS, WETLANDS, WATER BODIES, ETC.
- IF MUD IS BEING TRACKED ON THE STREETS BY EQUIPMENT AND/OR VEHICLES, DAILY STREET SWEEPING WILL BE REQUIRED.
- ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL CONTOURS AND CONDITIONS. RESTORATION MUST BE INITIATED WITHIN 1 DAY DEPENDING ON PERMIT CONDITIONS.

NICOR GAS - CONSTRUCTION MAIN REPLACEMENT PROJECT BS73 HINSDALE, ILLINOIS W.O. 135324/335324

INVESTING in ILLINOIS
 A Nicor Gas System Improvement Initiative



LOCATION MAP
(NOT TO SCALE)

TOTAL PIPE RETIREMENT	ESTIMATED	ACTUAL
2" STEEL (1986)	45'	
2" STEEL (1988)	15'	
2" STEEL (1926)	285'	
2" STEEL (1928)	190'	
2" STEEL (1931)	360'	
2" STEEL (1932)	340'	
2" STEEL (1936)	645'	
2" STEEL (1937)	110'	
2" STEEL (1940)	180'	
2" STEEL (1944)	170'	
2" STEEL (1950)	280'	
2" STEEL (1952)	755'	
2" STEEL (1956)	690'	
2" STEEL (1959)	645'	
2" STEEL (1960)	10'	
2" STEEL (1961)	310'	
2" STEEL (1963)	245'	
4" STEEL (1941)	550'	
4" STEEL (1952)	1825'	
4" STEEL (1965)	345'	
4" STEEL (1973)	20'	
4" STEEL (1983)	95'	
6" STEEL (1961)	80'	

TOTAL WORK ORDER QUANTITIES		
TOTAL PIPE INSTALLATION	ESTIMATED	ACTUAL
2" PIPE IPS PE SDR 11.0	8045'	
4" PIPE IPS PE SDR 11.5	1145'	
6" PIPE IPS PE SDR 13.5	2180'	
6" POLY VALVE	1	

TOTAL PIPE BORING	ESTIMATED	ACTUAL
2" BORING	7855'	
4" BORING	1105'	
6" BORING	2160'	

TOTAL BREAKS	ESTIMATED	ACTUAL
ASPHALT PAVEMENT	75 SF	
CONCRETE PAVEMENT	0 SF	
CONCRETE SIDEWALK	350 SF	

TOTAL TRENCH BACKFILL	ESTIMATED	ACTUAL
TOTAL TRENCH BACKFILL	365 CY	

TOTAL SERVICE TRANSFERS	ESTIMATED	ACTUAL
TOTAL SERVICE TRANSFERS	166	

TOTAL PIPE RETIREMENT	ESTIMATED	ACTUAL
2" PE (2000)	15'	
2" PE (2013)	10'	
2" PE (2014)	10'	
4" PE (2014)	80'	
3/4" STEEL (1950)	180'	
1-1/2" STEEL (1924)	50'	
1-1/2" STEEL (1927)	420'	
1-1/2" STEEL (1931)	460'	
1-1/2" STEEL (1936)	110'	
1-1/2" STEEL (1940)	320'	
1-1/2" STEEL (1946)	350'	
1-1/2" STEEL (1947)	500'	
1-1/2" STEEL (1948)	400'	
1-1/2" STEEL (1961)	45'	
1-1/2" STEEL (1975)	60'	
2" STEEL (1966)	65'	
2" STEEL (1974)	65'	
2" STEEL (1975)	290'	
2" STEEL (1977)	120'	
2" STEEL (1983)	55'	


REQUIRED PERMITS	REQUIRED	APPROVED DATE
APPROVAL BEFORE CONSTRUCTION		
LAND SERVICES		
RAILROAD		
HIGHWAY, STATE		
HIGHWAY, COUNTY		
FOREST PRESERVE		
SANITARY DIST.		
PRIVATE PROP. EASEMENT		
FRONTAGE		
OTHER GOV. AGENCY		
ENVIRONMENTAL		
WATERWAYS		
WETLANDS		
CONTAMINATED SOIL		
STORM WATER		

IDENTIFIED BY NICOR UTILITY INSPECTOR					COMPLETED BY NICOR GAS*	
WIPE TEST #	WORK ORDER PAGE	TEST LOCATION	PIPE SIZE	PIPE MATERIAL	DATE TEST COMPLETED	COMMENTS

*TYPICALLY COMPLETED BY UTILITY INSPECTOR


NOTE:
 NICOR UTILITY INSPECTOR TO IDENTIFY TEST LOCATIONS BASED UPON THE CRITERION OF ONE TEST FOR EACH "CUT AND CAP" ON PIPE THAT MEASURES FOUR INCHES IN DIAMETER OR GREATER. HBK ENGINEERING AND NICOR GAS UNDERSTAND THAT FIELD PERSONNEL MAY DECIDE TO MOVE "CUT AND CAP" LOCATIONS, DELETE "CUT AND CAPS", OR CONDUCT ADDITIONAL "CUT AND CAPS". HBK ENGINEERING UNDERSTANDS THAT NICOR GAS WILL INCLUDE WIPE TESTS AS PART OF THEIR ROUTINES TO COMPLETE A "CUT AND CAP" AND IT IS THE RESPONSIBILITY OF NICOR GAS TO ASSURE THAT NECESSARY WIPE TESTS ARE CONDUCTED AS REQUIRED BY FEDERAL REGULATIONS.

DRAWING - SHEET	DESCRIPTION
WC21022D-- -1	LOCATION MAP
WC21022D-- -2	SITE PLAN 1 OF 2, SYMBOL LEGEND AND EROSION NOTES
WC21022D-- -3	SITE PLAN 2 OF 2, TEST DATA AND SYMBOL LEGEND
WC21022D-- -4	OGDEN AVE (IL RTE 34) (ADAMS ST TO MONROE ST)
WC21022D-- -5	OGDEN AVE (IL RTE 34), MADISON ST, WEDGEWOOD CT AND WARREN TERRACE
WC21022D-- -6	DETAIL "C" AND DETAIL "D"
WC21022D-- -7	OGDEN AVE (IL RTE 34), VINE ST, GRANT ST AND LINCOLN ST
WC21022D-- -8	OGDEN AVE (IL RTE 34), WASHINGTON ST AND BONNIE BRAE
WC21022D-- -9	MADISON ST AND BONNIE BRAE
WC21022D-- -10	VINE ST (AYRES AVE TO CENTER ST)
WC21022D-- -11	GRANT ST AND CENTER ST
WC21022D-- -12	LINCOLN ST (LANSING ST TO CENTER ST)
WC21022D-- -13	WASHINGTON ST, AYRES AVE, LANSING ST, MINNEOLA ST AND CENTER ST
WC21022D-- -14	DETAIL "I"
WC21022D-- -15	GARFIELD ST, DIVISION ST, MINNEOLA ST AND MAUMELL ST
WC21022D-- -16	DIVISION ST, WALKER RD, CASS RD, MINNEOLA ST AND MAUMELL ST
WC21022D-- -17	DETAIL "K" AND DETAIL "M"
WC21022D-- -18	GARFIELD ST, NORTH ST, RAVINE RD AND AYRES AVE
WC21022D-- -19	RADCLIFFE WAY, HICKORY ST, PARK AVE AND RAVINE RD

SEALED BY: 

SEALED ON: 08/18/2015

LICENSE EXPIRATION: 11/30/2015



APPROVED FOR CONSTRUCTION

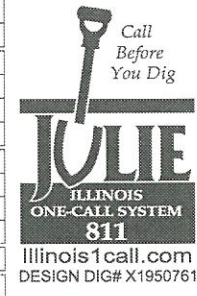
PREPARED FOR: **Nicor Gas**
An AGL Resources Company

PREPARED BY: **hbK ENGINEERING**

HBK ENGINEERING, LLC
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 CHICAGO, IL 60607
 PHONE: (312) 433-0076 FAX: (312) 432-8231
 STATE OF ILLINOIS, DEPARTMENT OF PROFESSIONAL REGULATION, LICENSE NO. 184-002308

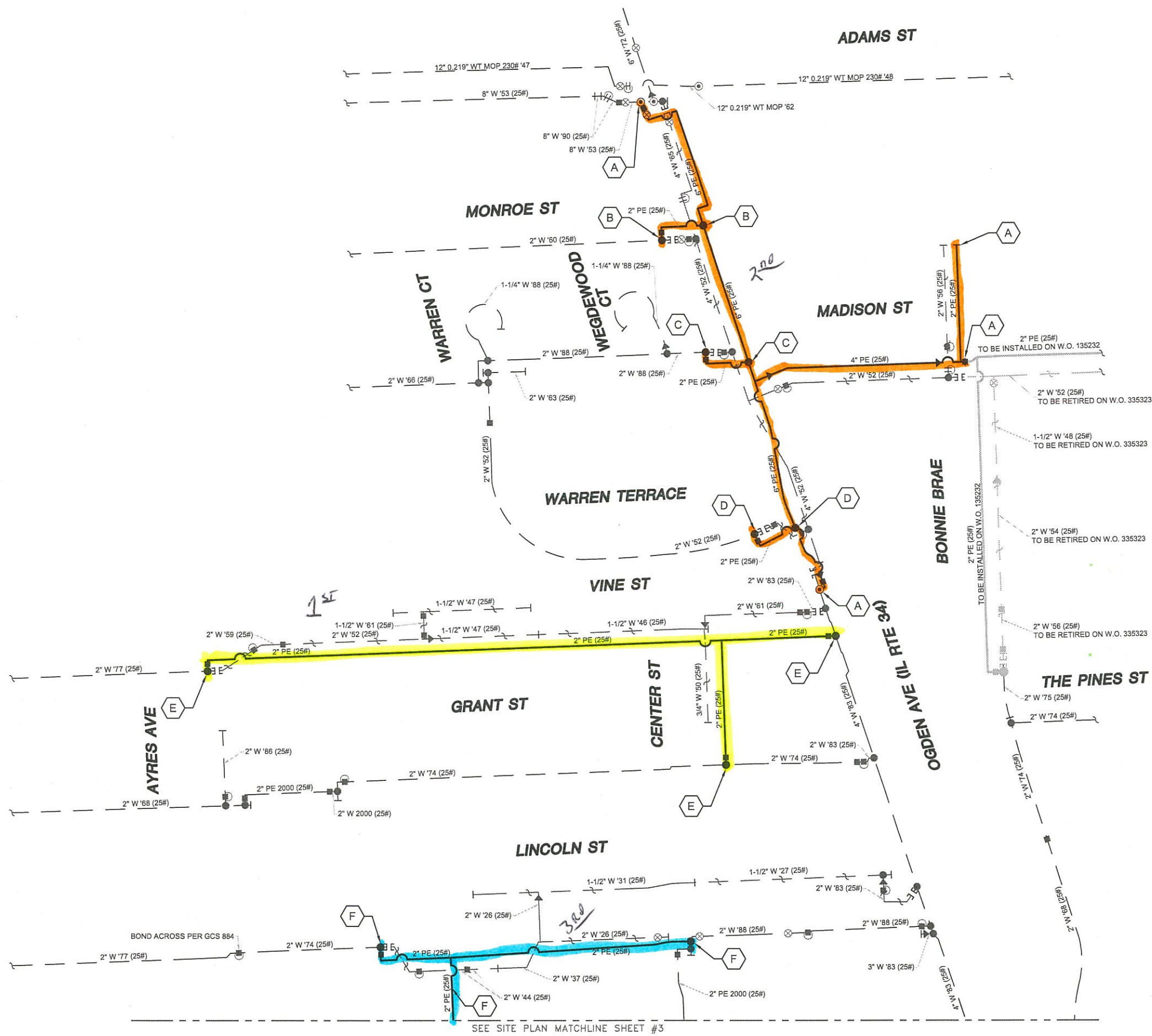
REV.	DESCRIPTION	BY	CHK'D BY	APP'D. BY	DATE

Call Before You Dig



ILLINOIS ONE-CALL SYSTEM 811

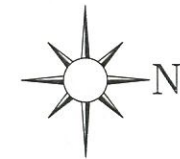
Illinois 1 call.com
 DESIGN DIG# X1950761



- DUPAGE COUNTY EROSION CONTROL NOTES:**
- SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE APPROPRIATE WITH REGARD TO THE AMOUNT OF TRIBUTARY DRAINAGE AREA AS FOLLOWS:
 - DISTURBED AREAS DRAINING LESS THAN 1 ACRE SHALL, AT A MINIMUM, BE PROTECTED BY A FILTER BARRIER OR EQUIVALENT TO CONTROL ALL RUNOFF LEAVING THE SITE. THE USE OF STRAW BALES FOR THIS PURPOSE IS PROHIBITED.
 - DISTURBED AREAS DRAINING MORE THAN 1 BUT FEWER THAN 5 ACRES SHALL, AT A MINIMUM, BE PROTECTED BY A SEDIMENT TRAP OR EQUIVALENT CONTROL MEASURE.
 - DISTURBED AREAS DRAINING MORE THAN 5 ACRES SHALL, AT A MINIMUM, BE PROTECTED BY A SEDIMENT BASIN OR EQUIVALENT CONTROL MEASURE.
 - PUMPING SEDIMENT-LADEN WATER INTO ANY STORM WATER FACILITY DIRECTLY OR INDIRECTLY WITHOUT FILTRATION IS PROHIBITED. WATER REMOVED FROM TRAPS, BASINS AND OTHER WATER HOLDING DEPRESSIONS OR EXCAVATIONS MUST FIRST PASS THROUGH A SEDIMENT CONTROL AND/OR FILTRATION DEVICE. WHEN DEWATERING DEVICES ARE USED, DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION.
 - ALL DISCHARGES TO AN UNDISTURBED AREA, STABILIZED AREA OR WATERCOURSE SHALL BE DESIGNED AT A NON-EROSIVE VELOCITY CORRESPONDING TO THE SOIL AND VEGETATIVE COVER OF THE UNDISTURBED AREA.
 - ALL STORM DRAIN INLETS SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE WHEN THE AREA TRIBUTARY TO AN INLET IS DISTURBED.
 - SILT FENCE CAN BE USED TO INTERCEPT SHEET FLOW ONLY. UNREINFORCED SILT FENCES CANNOT BE USED AS VELOCITY CHECKS IN DITCHES OR SWALES NOR CAN THEY BE USED WHERE THEY WILL INTERCEPT CONCENTRATED FLOW.
 - REINFORCED SILT FENCE CAN BE USED TO INTERCEPT SEDIMENT-LADEN WATER FROM DISTURBED AREAS LESS THAN 1 ACRE.
 - ALL SPECIAL MANAGEMENT AREAS SHALL, AT A MINIMUM, HAVE A DUAL SILT FENCE BARRIER OF PROTECTION, EXCEPT AS NOTED ON PLAN WHERE CONSTRUCTION FENCE WILL BE USED TO CONFINE PERSONNEL AND EQUIPMENT TO AN ESTABLISHED GRAVEL ACCESS ROAD.
 - ALL TRENCHES, HOLES OR OTHER EXCAVATIONS REQUIRED FOR UTILITY INSTALLATION SHOULD BE BACK-FILLED, AND STABILIZED AT THE END OF EACH WORKING DAY. NO EXCAVATION SHOULD BE OPENED MORE THAN WHAT CAN BE STABILIZED BY THE END OF THE SAME DAY. IF AN EXCAVATION MUST BE LEFT UN-STABILIZED OR OPENED OVERNIGHT, SOIL EROSION AND SAFETY PROTECTION MEASURES SHALL BE INSTALLED.
 - THE SURFACE OF STRIPPED OR DISTURBED AREAS SHALL BE PERMANENTLY OR TEMPORARILY STABILIZED WITHIN 14 DAYS AFTER FINAL GRADE IS REACHED OR WHEN LEFT IDLE FOR MORE THAN 14 DAYS. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT SOIL EROSION CONTROL MEASURES HAVE BEEN ADEQUATELY ESTABLISHED.
 - STOCKPILES OF SOIL OR ANY OTHER BUILDING MATERIALS SHALL NOT BE LOCATED IN SPECIAL MANAGEMENT AREAS.
 - IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, THEN EROSION AND SEDIMENT CONTROL SHALL BE PROVIDED FOR SUCH STOCKPILE.
 - ALL WASTE GENERATED AS A RESULT OF SITE DEVELOPMENT (INCLUDING DISCARDED BUILDING MATERIALS, CONCRETE TRUCK WASHOUT, CHEMICALS, LITTER, SANITARY WASTE OR ANY OTHER WASTE) SHALL BE PROPERLY DISPOSED OF AND BE PREVENTED FROM BEING CARRIED OFF THE SITE BY EITHER WIND OR WATER.
 - GRAVELED ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES AS NECESSARY, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED OR DEPOSITED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED IMMEDIATELY OR AS WARRANTED AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
 - ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30-DAYS AFTER FINAL STABILIZATION IS ACHIEVED WITH PERMANENT SOIL STABILIZATION MEASURES. TRAPPED SEDIMENT AND OTHER DISTURBED SOILS RESULTING FROM TEMPORARY MEASURES SHALL BE PROPERLY DISPOSED OR AND THE AREA PERMANENTLY STABILIZED.

SYMBOL LEGEND

T	PURGE END (GCS 209/709)
⊕	ANODE (GCS 513/514)
⊕	LATERAL TEE (GCS 210 .21-.33, 720, 721)
⊕	PRESSURE CNTL. FTG. (GCS 210.38/.39)
⊕	TRANSITION FITTING (GCS 703)
⊕	VALVE - GENERAL
⊕	REDUCER (GMS 308 & 336)
⊕	INS. COUPLING (ECT)
⊕	TIN WHISTLE (GMS 639.2, .3, .4)
⊕	DUAL 5' X 5' VAULT
⊕	CUT AND CAP (GCS 849)
⊕	RETIRE MAIN (GCS 849)
⊕	EXCAVATE AREA (GCS 870)
⊕	TREE
⊕	INSULATOR FLANGE
⊕	ELECTRICAL TEST STATION
⊕	REGULATOR STATION
⊕	BORE PIT/TAP HOLE & SPOIL W/SILT FENCE
⊕	FLOODPLAIN



PREPARED FOR: **Nicor Gas**
An AGL Resources Company

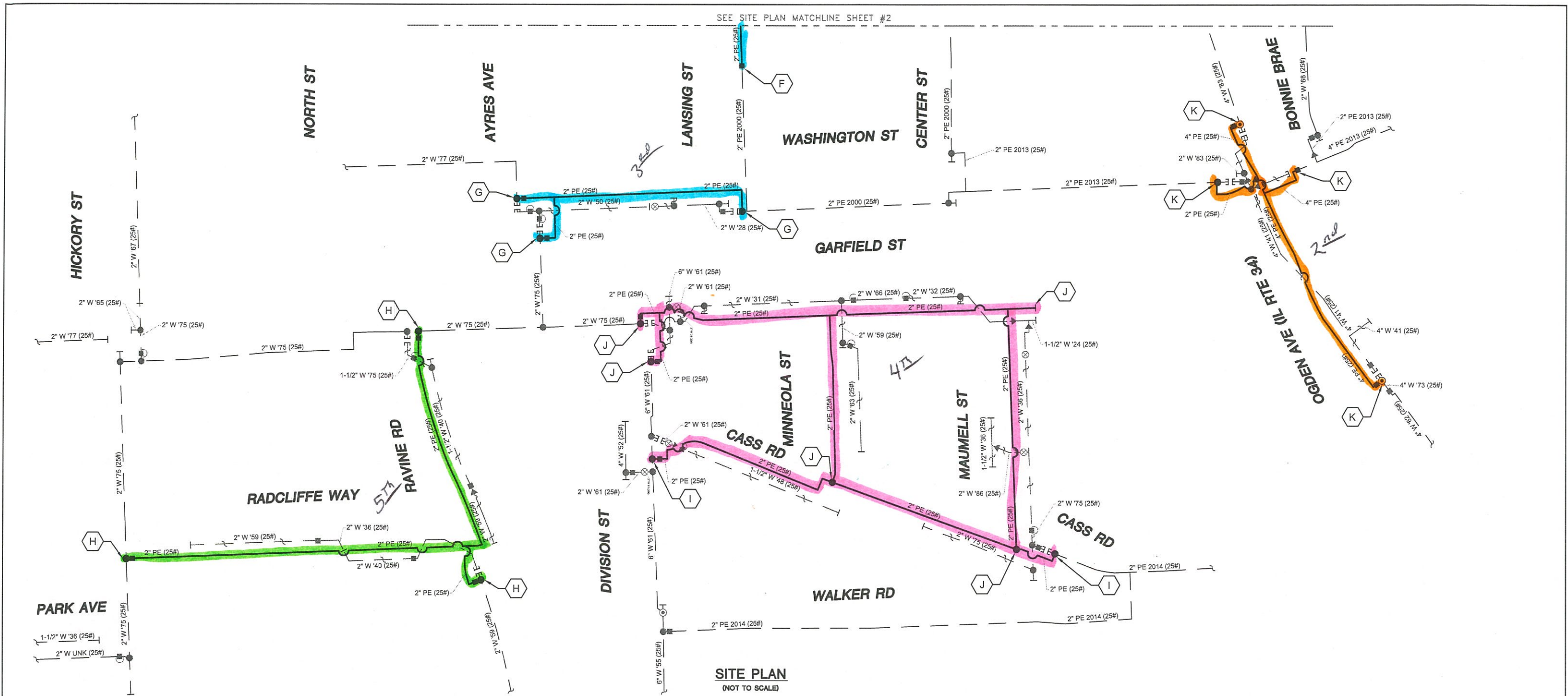
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CHICAGO, IL 60607
PHONE: (312) 433-0076 FAX: (312) 432-0231
STATE OF ILLINOIS, DEPARTMENT OF PROFESSIONAL REGULATION, LICENSE NO. 184-002309

APPROVED FOR CONSTRUCTION

COUNTY	DUPAGE	TOWNSHIP	DOWNERS GROVE	7/4 SECTION	011 014		
TOWN	HINSDALE	RANGE	3BN 11E 3PM	012 022	013 022		
REGION	CENTRAL	DEPARTMENT	CONSTRUCTION	ENGINEER/DESIGNER	S. DECHANT	DATE	07-22-15
WORK ORDER NO.	135324/335324	DRAWN BY	S. DECHANT	DATE	07-22-15		
NICOR JOB NO.	BS73	CHECKED BY	M. KATZ	DATE	08-18-15		
HBK JOB NO.	15-0585	CONSTRUCTION	D. SMITH	DATE	08-12-15		
SCALE	NTS	APPROVED BY	M. KATZ	DATE	08-18-15		
DATE IN SERVICE		DRAWING FILE NO.	WC21022D-	SHEET	2 OF 19		

SITE PLAN
(NOT TO SCALE)

SEE SITE PLAN MATCHLINE SHEET #3



SITE PLAN
(NOT TO SCALE)

SYMBOL LEGEND	
[Symbol]	PURGE END (GCS 209/709)
[Symbol]	ANODE (GCS 513/514)
[Symbol]	LATERAL TEE (GCS 210 .21-.33, 720, 721)
[Symbol]	PRESSURE CNTRL. FTG. (GCS 210.38/.39)
[Symbol]	TRANSITION FITTING (GCS 703)
[Symbol]	VALVE - GENERAL
[Symbol]	REDUCER (GMS 308 & 336)
[Symbol]	INS. COUPLING (ECT)
[Symbol]	TIN WHISTLE (GMS 639.2, .3, .4)
[Symbol]	DUAL 5' X 5' VAULT
[Symbol]	CUT AND CAP (GCS 849)
[Symbol]	RETIRE MAIN (GCS 849)
[Symbol]	EXCAVATE AREA (GCS 870)
[Symbol]	TREE
[Symbol]	INSULATOR FLANGE
[Symbol]	ELECTRICAL TEST STATION
[Symbol]	REGULATOR STATION
[Symbol]	BORE PIT/TAP HOLE & SPOIL W/SILT FENCE
[Symbol]	FLOODPLAIN

TEST SECTION	SECTION	MOP	TYPE	DESCRIPTION				LEAK TEST PER GCS 887				STRENGTH TEST PER GCS 888				WELD INSPECTION PER GCS 851			FIELD RECORD PER GCS 860		
				TOTAL LENGTH	DIA	MAT'L	PAGE	TEST PRESSURE (PSI)	PRIOR TO STRENGTH	COMB W/ STRENGTH	MIN HOURS	TEST PRESSURE (PSI)	% SMYS AT TEST	TEST MEDIUM	ALLOWABLE ΔP (PSI)	MIN HOURS	VISUAL	RADIOGRAPHIC (%)	OTHERS	SECTION	DIA
A	60	1	1	690'	2"	PE		90	-	-	23	NOT REQUIRED				X			A	2"	
				425'	4"	PE	4,5,7,9									X				4"	
				2180'	6"	PE										X				6"	
B	60	1	1	25'	2"	PE	4	90	-	-	1	NOT REQUIRED				X			B	2"	
C	60	1	1	35'	2"	PE	6	90	-	-	1	NOT REQUIRED				X			C	2"	
D	60	1	1	45'	2"	PE	6	90	-	-	1	NOT REQUIRED				X			D	2"	
E	60	1	1	1635'	2"	PE	7,10,11	90	-	-	2	NOT REQUIRED				X			E	2"	
F	60	1	1	845'	2"	PE	12	90	-	-	1	NOT REQUIRED				X			F	2"	
G	60	1	1	535'	2"	PE	13,14	90	-	-	1	NOT REQUIRED				X			G	2"	
H	60	1	1	1330'	2"	PE	18,19	90	-	-	2	NOT REQUIRED				X			H	2"	
I	60	1	1	955'	2"	PE	15,16	90	-	-	2	NOT REQUIRED				X			I	2"	
J	60	1	1	1945'	2"	PE	15,16	90	-	-	3	NOT REQUIRED				X			J	2"	
K	60	1	1	5'	2"	PE	8	90	-	-		NOT REQUIRED				X			K	2"	
				720'	4"	PE	8	90	-	-						X				4"	



APPROVED FOR CONSTRUCTION

REV.	DESCRIPTION	BY	CHK'D BY	APP'D. BY	DATE

PREPARED FOR: **Nicor Gas**
An AGL Resources Company

PREPARED BY: **hbk ENGINEERING**

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STATE OF ILLINOIS, DEPARTMENT OF PROFESSIONAL REGULATION, LICENSE NO. 184-002389

COUNTY	DUPAGE	TOWNSHIP	DOWNERS GROVE	1/4 SECTION	011 014
TOWN	HINSDALE	RANGE	11E 3PM	DATE	07-22-15
REGION	CENTRAL	DEPARTMENT	CONSTRUCTION	ENGINEER/DESIGNER	S. DECHANT
WORK ORDER NO.	135324/335324	DATE	07-22-15	DATE	08-18-15
NICOR JOB NO.	15-0585	INVOICE/ID NO.	B573	CHECKED BY	M. KATZ
DATE IN SERVICE				DATE	08-12-15
				DATE	08-18-15
				DATE	08-18-15
				DATE	08-18-15

SCALE: AS SHOWN
DRAWING FILE NO: WC210220-
SHEET 3 OF 19