

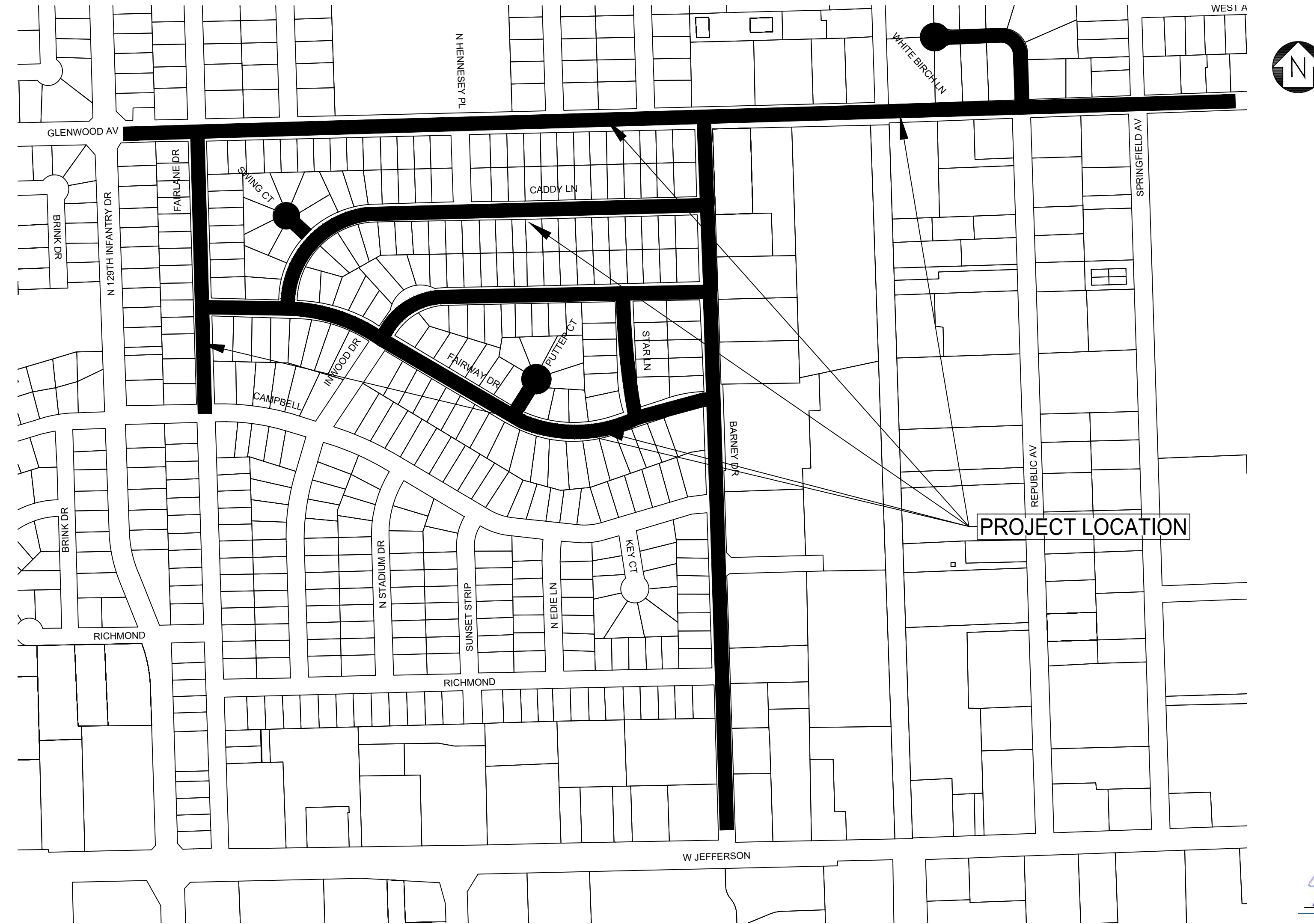
CITY OF JOLIET, ILLINOIS

PARKVIEW NORTH WATER MAIN IMPROVEMENTS

CITY OF JOLIET CONTRACT NO. 2773-0124

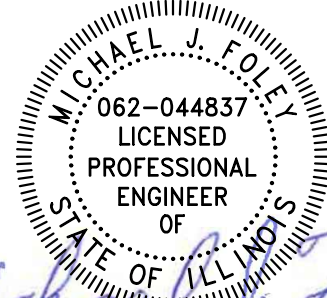
WATER MAIN REPLACEMENT IEPA LOAN NO. L17-6075

Sheet Number	Sheet Title
1	COVER
2	SHEET KEY
3	LEGEND, BENCHMARKS AND ABBREVIATIONS
4	GENERAL NOTES AND SUMMARY OF QUANTITIES
5	FAIRLANE DRIVE STA. 10+00 TO STA. 15+50 PLAN AND PROFILE
6	FAIRLANE DRIVE STA. 15+50 TO STA. 21+50 PLAN AND PROFILE
7	STAR LANE STA. 30+00 TO STA. 35+50 PLAN AND PROFILE
8	BARNEY DRIVE STA. 40+00 TO STA. 45+50 PLAN AND PROFILE
9	BARNEY DRIVE STA. 45+50 TO STA. 51+00 PLAN AND PROFILE
10	BARNEY DRIVE STA. 51+00 TO STA. 56+00 PLAN AND PROFILE
11	BARNEY DRIVE STA. 56+00 TO STA. 61+50 PLAN AND PROFILE
12	BARNEY DRIVE STA. 61+50 TO STA. 68+00 PLAN AND PROFILE
13	FAIRWAY DRIVE STA. 80+00 TO STA. 85+00 PLAN AND PROFILE
14	FAIRWAY DRIVE STA. 85+00 TO STA. 90+00 PLAN AND PROFILE
15	FAIRWAY DRIVE STA. 90+00 TO STA. 94+50 PLAN AND PROFILE
16	FAIRWAY DRIVE STA. 94+50 TO STA. 100+50 PLAN AND PROFILE
17	INWOOD DRIVE STA. 110+00 TO STA. 115+00 PLAN AND PROFILE
18	INWOOD DRIVE STA. 115+00 TO STA. 119+50 PLAN AND PROFILE
19	INWOOD DRIVE STA. 119+50 TO STA. 124+00 PLAN AND PROFILE
20	CADDY LANE STA. 130+00 TO STA. 134+50 PLAN AND PROFILE
21	CADDY LANE STA. 134+50 TO STA. 139+50 PLAN AND PROFILE
22	CADDY LANE STA. 139+50 TO STA. 144+00 PLAN AND PROFILE
23	CADDY LANE STA. 144+00 TO STA. 149+00 PLAN AND PROFILE
24	GLENWOOD AVENUE STA. 150+00 TO STA. 155+00 PLAN AND PROFILE
25	GLENWOOD AVENUE STA. 155+00 TO STA. 160+00 PLAN AND PROFILE
26	GLENWOOD AVENUE STA. 160+00 TO STA. 164+50 PLAN AND PROFILE
27	GLENWOOD AVENUE STA. 164+50 TO STA. 170+00 PLAN AND PROFILE
28	GLENWOOD AVENUE STA. 170+00 TO STA. 175+00 PLAN AND PROFILE
29	GLENWOOD AVENUE STA. 175+00 TO STA. 180+00 PLAN AND PROFILE
30	GLENWOOD AVENUE STA. 180+00 TO STA. 185+50 PLAN AND PROFILE
31	GLENWOOD AVENUE STA. 185+50 TO STA. 195+50 PLAN AND PROFILE
32	WHITE BIRCH LANE STA. 200+00 TO STA. 204+00 PLAN AND PROFILE
33	WHITE BIRCH LANE STA. 204+00 TO STA. 208+00 PLAN AND PROFILE
34	SWING COURT STA. 210+00 TO STA. 215+00 PLAN AND PROFILE
35	PUTTER COURT STA. 220+00 TO STA. 230+00 PLAN AND PROFILE
36	THOMAS JEFFERSON SCHOOL - PLAN
37	CONSTRUCTION DETAILS
38	CONSTRUCTION DETAILS
39	CONSTRUCTION DETAILS




VICINITY MAP

JULI.E DESIGN STAGE REQUEST
DIG NO. A22322216
EXISTING UTILITIES:
WHERE THE DRAWINGS INCLUDE INFORMATION PERTAINING TO THE LOCATION OF UNDERGROUND UTILITY FACILITIES, SUCH INFORMATION REPRESENTS ONLY THE OPINION OF THE ENGINEER AS TO THE LOCATION OF SUCH UTILITIES. THE INFORMATION IS INCLUDED ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. THE UTILITY LOCATIONS WERE DETERMINED FROM THE BEST AVAILABLE RECORDS. THE ENGINEER AND OWNER ASSUME NO RESPONSIBILITY WHATEVER WITH RESPECT TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE DRAWINGS REGARDING THE LOCATION OF UNDERGROUND UTILITY FACILITIES OR THE MANNER IN WHICH THEY ARE TO BE REMOVED OR ADJUSTED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES. THE CONTRACTOR SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION REGARDING THE LOCATION OF THE UTILITY FACILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR REMOVING OR ADJUSTING THE FACILITIES.



Michael J. Foley
PROJECT MANAGER
LICENSE EXPIRES 11-30-2023



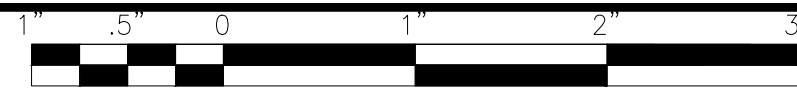
PROJECT ENGINEER



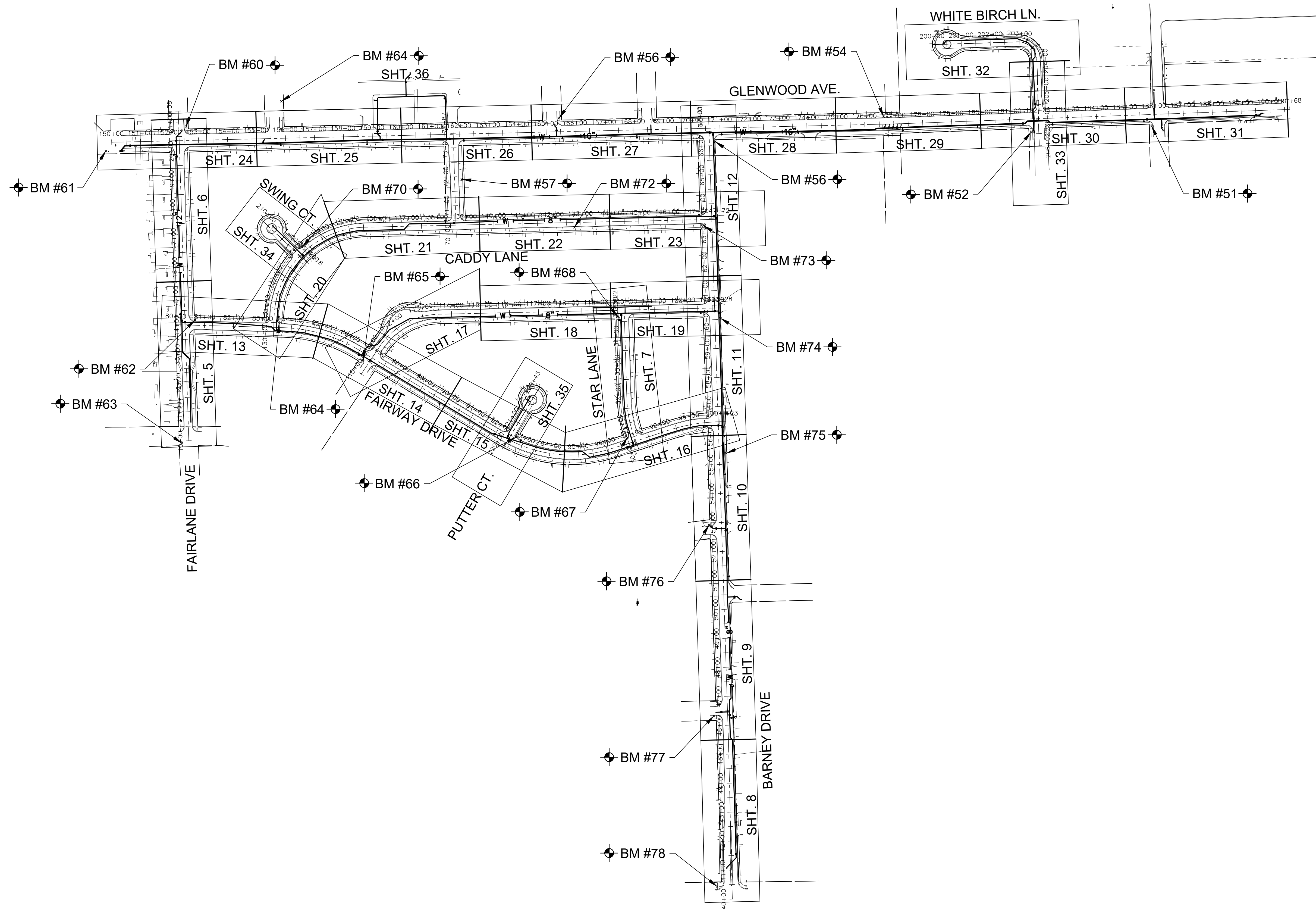
BAXTER & WOODMAN, INC.
STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2025

P:\JOLIC\221587-2024-WATER MAIN SURV\CAD\PARKVIEW NORTH\01_CIVIL_3D\01_SHTS-PLANS-PLAN\221587-PARKVIEW NORTH_COVER_GEN_DET.S:DWG COVER
Plotted: 10/19/2023 8:06 PM By: ANACINO

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NO SCALE



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CONSULTANTS	REVISED -
	REVISED -
	REVISED -
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CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

SHEET KEY

SCALE: AS NOTED

PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	2
CHECKED - LMS		
DATE - 10/19/2023		

P:\JOL\221587-2024 WATER MAIN SURV\CAD\PARVIEW NORTH\01_CIVIL_3D\01_SHTS-PLANS\221587-PARVIEW NORTH_COVER_GEN_DETETS.DWG LEGEND BENCHMARKS ABBREVIATIONS
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LEGEND

	SANITARY SEWER OR SERVICE
	STORM SEWER OR SERVICE
	WATER MAIN OR SERVICE
	FORCE MAIN
	MANHOLE
	CATCH BASIN
	INLET
	DRYWELL
	CULVERT END SECTION
	FIRE HYDRANT W/ AUX. VALVE, VALVE BOX, AND COVER
	WATER VALVE W/ BOX AND COVER
	WATER VALVE VAULT
	WATER SERVICE BOX OR CURB STOP
	WATER TEE FITTING
	WATER SLEEVE FITTING
	WATER 90° FITTING
	WATER 45° FITTING
	WATER REDUCER FITTING
	CAP FITTING
	WATER CROSS FITTING
	WATER METER
	CLEAN OUT
	SEPTIC VENT
	TO BE ABANDONED AND/OR REMOVED
	STRUCTURE TO BE ABANDONED
	GAS LINE
	GAS VALVE W/ BOX AND COVER
	GAS VALVE VAULT
	GAS METER
	GAS RISER
	GAS SERVICE VALVE
	TELEPHONE CABLE
	TELEPHONE DUCT
	TELEPHONE VAULT
	TELEPHONE RISER
	CABLE TELEVISION (BURIED)
	CABLE T.V. RISER
	CABLE T.V. VAULT
	UNDERGROUND ELECTRICAL

PROPOSED

LEGEND

	ELECTRIC METER
	PAD MOUNTED TRANSFORMER
	ELECTRIC VAULT
	JUNCTION BOX
	UTILITY POLE
	UTILITY POLE w/ GUY ANCHOR
	UTILITY POLE w/ LIGHT
	LIGHT STANDARD
	MAIL BOX
	STREET SIGN
	RAILROAD SIGNAL
	TRAFFIC SIGNAL CONTROLLER
	TRAFFIC SIGNAL POST w/ SIGNAL HEAD
	HANDHOLE
	DECIDUOUS TREE (W/ TRUNK INCH DIA.)
	CONIFEROUS TREE (W/ HEIGHT)
	DECIDUOUS BUSH
	CONIFEROUS BUSH
	DEFINING EDGE OF BRUSH OR FORESTED AREA
	FENCE
	GUARD RAIL
	CULVERT (CMP UNLESS NOTED)
	DITCH
	RIGHT OF WAY (ROW)
	RIGHT OF WAY MONUMENT
	UNFENCED PROPERTY LINE
	IRON PIPE (PROPERTY CORNER)
	CENTER LINE
	PROPOSED EL./EXISTING EL. and STATION
	SOIL BORING AND NUMBER
	BENCH MARK
	SURVEY CONTROL POINT
	OVERHEAD ELECTRICAL
	SUMMIT
	RIPRAP
	ROADWAY DITCH FLOW
	SWALE

PROPOSED

12' (HATCHED SHALL BE REMOVED)

16' (HATCHED SHALL BE REMOVED)

BENCHMARKS (NAVD 88 DATUM)

B.M. # 51		CHISELED SQUARE AT NORTHEAST CORNER SIGNAL CONTROLLER FOUNDATION AT THE SOUTHWEST CORNER OF GLENWOOD AVENUE AND SPRINGFIELD AVENUE ELEV. = 635.28
B.M. # 52		CHISELED SQUARE AT NORTHEAST CORNER TRAFFIC CONTROLLER AT THE SOUTHWEST CORNER OF GLENWOOD AVENUE AND REPUBLIC AVENUE ELEV. = 633.96
B.M. # 54		RAILROAD SPIKE SET IN SOUTH FACE POWER POLE WITH LIGHT AT ENTRANCE OF BIKE TRAIL N GLENWOOD AVENUE ELEV. = 637.08
B.M. # 55		CUT X SQUARE ON WEST SIDE POWER POLE BASE AT THE SOUTHWEST CORNER OF GLENWOOD AVENUE AND BARNEY DRIVE ELEV. = 637.87
B.M. # 56		SOUTHEAST ARROW BOLT ON FIRE HYDRANT LOCATED AT THE NORTHEAST CORNER OF TANA LANE AND GLENWOOD AVENUE ELEV. = 631.61
B.M. # 57		RAILROAD SPIKE SET IN NORTHWEST FACE POWER POLE WITH LIGHT AT THE ADDRESS OF 6606 WESTNEDGE ROAD ELEV. = 643.32
B.M. # 59		RAILROAD SPIKE SET IN NORTHWEST FACE POWER POLE WITH LIGHT AT THE ADDRESS 2320 DOUGLAS STREET ELEV. = 642.96
B.M. # 60		SOUTHEAST ARROW BOLT ON FIRE HYDRANT LOCATED AT THE NORTHEAST CORNER OF GLENWOOD AVENUE AND FAIRLANE DRIVE ELEV. = 625.66
B.M. # 61		NORTHWEST ARROW BOLT ON FIRE HYDRANT LOCATED AT THE NORTHEAST CORNER OF DOUGLAS STREET AND MADISON STREET ELEV. = 638.04
B.M. # 62		RAILROAD SPIKE SET IN SOUTHWEST FACE POWER POLE AT THE NORTHEAST CORNER OF FAIRLANE DRIVE AND FAIRWAY DRIVE ELEV. = 625.28
B.M. # 63		RAILROAD SPIKE SET IN NORTHEAST FACE POWER POLE AT THE SOUTHWEST CORNER OF FAIRLANE DRIVE AND CAMPBELL STREET ELEV. = 625.23
B.M. # 64		RAILROAD SPIKE SET IN SOUTHWEST FACE POWER POLE AT THE NORTHEAST CORNER OF CADDY LANE AND FAIRWAY DRIVE ELEV. = 625.37
B.M. # 65		RAILROAD SPIKE SET IN NORTHEAST FACE POWER POLE AT THE SOUTHWEST CORNER OF INWOOD DRIVE AND FAIRWAY DRIVE ELEV. = 624.83
B.M. # 66		RAILROAD SPIKE SET IN SOUTHWEST FACE POWER POLE AT THE NORTHEAST CORNER OF PUTTER COURT AND FAIRWAY DRIVE ELEV. = 626.80
B.M. # 67		CHISELED SQUARE AT NORTHWEST CORNER SIGNAL CONTROLLER FOUNDATION AT THE CORNER OF GLENWOOD AVENUE AND MADISON STREET ELEV. = 640.84
B.M. # 68		RAILROAD SPIKE SET IN NORTHEAST FACE POWER POLE AT THE SOUTHWEST CORNER OF INWOOD DRIVE AND STAR LANE ELEV. = 630.44
B.M. # 70		RAILROAD SPIKE SET IN SOUTHWEST FACE POWER POLE AT THE NORTHWEST CORNER OF SWING COURT AND CADDY LANE ELEV. = 624.99
B.M. # 72		RAILROAD SPIKE SET IN NORTH FACE POWER POLE LOCATED AT THE ADDRESS 2514 CADDY LANE ELEV. = 628.54
B.M. # 73		RAILROAD SPIKE SET IN NORTHEAST FACE POWER POLE AT THE SOUTHWEST CORNER OF BARNEY DRIVE AND CADDY LANE ELEV. = 634.45
B.M. # 74		RAILROAD SPIKE SET IN WEST FACE POWER POLE AT THE SOUTHWEST CORNER OF INWOOD DRIVE AND BARNEY DRIVE ELEV. = 633.82
B.M. # 75		CHISELED SQUARE AT NORTHEAST CORNER HWAL AT BRIDGE OF EAST BARNEY DRIVE AND FAIRWAY DRIVE ELEV. = 633.12
B.M. # 76		NORTHEAST FLANGE BOLT ON FIRE HYDRANT AT THE NORTHWEST CORNER OF CAMPBELL STREET AND BARNEY DRIVE ELEV. = 634.51
B.M. # 77		SOUTHWEST ARROW BOLT ON FIRE HYDRANT AT THE SOUTHWEST CORNER OF BARNEY DRIVE AND RICHMOND STREET ELEV. = 637.44
B.M. # 78		X CUT ON NORTH BASE OF POWER POLE MAST ARM AT THE SOUTHWEST CORNER OF BARNEY DRIVE AND RICHMOND STREET ELEV. = 638.66

ABBREVIATIONS

CONC	PORTLAND CEMENT CONCRETE	C&G	CURB AND GUTTER	X=	EXTERNAL DISTANCE OF VERTICAL CURVE
CL	CENTERLINE	BC	BACK OF CURB	PC	POINT OF CURVATURE
BIT	BITUMINOUS PAVEMENT	EOP	EDGE OF PAVEMENT	PI	POINT OF INTERSECTION
GR	GRAVEL	PL	PROPERTY LINE	PT	POINT OF TANGENCY
CMP	CORRUGATED METAL PIPE	ROW	RIGHT OF WAY	POT	POINT ON TANGENT
FH	FIRE HYDRANT	FL	FLOW LINE	PCC	POINT OF COMPOUND CURVATURE
CI	CAST IRON	TF	TOP OF FRAME	PRC	POINT OF REVERSE CURVE
DI	DUCTILE IRON	TC	TOP OF CURB OR CONCRETE	VC	VERTICAL CURVE
F-F	FACE-TO-FACE	R	STRUCTURE TO BE RECONSTRUCTED	N&W	NAIL AND WASHER
E-E	EDGE-TO-EDGE	A	STRUCTURE TO BE ADJUSTED	TCE	TEMPORARY CONSTRUCTION EASEMENT
B-B	BACK-TO-BACK	▲	CENTRAL ANGLE	SS	STORM SEWER
BM	BENCH MARK	D=	DEGREE OF CURVE	SAN SEW	SANITARY SEWER
INV EL	INVERT ELEVATION	T=	TANGENT LENGTH	PROP	PROPOSED
CL EL	CENTERLINE ELEVATION	L=	CURVE LENGTH	STN STL	STAINLESS STEEL
P	POINT	R=	RADIUS OF CURVE	RJT	RESTRAINED JOINT
G	GUTTER	E=	EXTERNAL DISTANCE	HDD	HORIZONTAL DIRECTIONALLY DRILLED
C	CURB	SE=	SUPERELEVATION (FT. PER FT. OF WIDTH)	LF	LINEAR FEET

FINAL DESIGN FOR BIDDING



CONSULTANTS	REVISED -
	REVISED -
	REVISED -
	REVISED -

CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

LEGEND, BENCHMARKS AND ABBREVIATIONS

SCALE: AS NOTED PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	3
CHECKED - LMS		
DATE - 10/19/2023		

CITY OF JOLIET WATER SYSTEM GENERAL NOTES

- VERIFY LOCATION, SIZE, AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION OF THE WATER MAIN. THE LOCATIONS OF EXISTING UTILITIES AS SHOWN ON THE DRAWINGS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND IS GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER AND OWNER DO NOT ASSUME RESPONSIBILITY FOR THE ACCURACY OF THE LOCATION SHOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES AND LOCATE UTILITIES PRIOR TO ANY WORK.
- WHENEVER IT BECOMES NECESSARY TO RELOCATE UNDERGROUND GAS MAINS, TELEPHONE CONDUIT, OR ELECTRICAL LINES OR SUPPORT OR RELOCATE UTILITY POLES, THE UTILITY COMPANY INVOLVED WILL MAKE SUCH RELOCATION OR PROVIDE POLE SUPPORT. NOTIFY THE UTILITY COMPANY PROMPTLY. THIS WORK WILL BE INCIDENTAL TO THE CONTRACT
- WHEREVER OBSTRUCTIONS NOT SHOWN ON THE DRAWINGS ARE ENCOUNTERED DURING THE PROGRESS OF THE WORK AND INTERFERE TO SUCH AN EXTENT THAT ALTERATIONS TO THE DRAWINGS ARE REQUIRED, THE ENGINEER SHALL BE NOTIFIED PRIOR TO ANY CHANGES.
- HORIZONTAL AND VERTICAL SEPARATION OF WATER MAINS AND SEWER LINES SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE "STANDARD SPECIFICATION FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS".
- PROVIDE 48 HOURS ADVANCE NOTICE TO THE CITY WHEN CONNECTION TO AN EXISTING WATER MAIN WILL BE MADE. COORDINATE SHUTDOWN OF EXISTING WATER MAINS WHEN REQUIRED WITH THE CITY. SCHEDULE THE WORK TO MINIMIZE THE NUMBER AND LENGTH OF SHUTDOWNS. PROVIDE WRITTEN NOTIFICATION OF SHUTDOWNS TO WATER USERS AFFECTED 24 HOURS IN ADVANCE.
- NOTIFY THE CITY'S PUBLIC UTILITIES DEPARTMENT IMMEDIATELY IF EXISTING LEAD WATER SERVICES ARE DISCOVERED.
- PROVIDE PROPERTY OWNERS ADVANCE NOTICE OF CONSTRUCTION ACTIVITIES THAT WILL RESTRICT THE USE OF THEIR DRIVEWAYS.
- DO NOT STORE BEDDING AND BACKFILL MATERIALS, PIPES, FITTINGS, VAULTS, OR OTHER MATERIALS IN AREAS THAT WILL OBSTRUCT SIGHT LINES FOR STREETS AND DRIVEWAYS.
- ALL PROPOSED WATER MAIN AND SERVICES UNDER AND WITHIN 2' OF PAVEMENT OR SIDEWALK SHALL BE BACKFILLED WITH TRENCH BACKFILL WHICH SHALL BE CRUSHED STONE, GRADATION CA 6 OR CA 7.
- INSTALL NEW WATER MAIN WITH A MINIMUM OF 5' COVER BELOW EXISTING OR PROPOSED GROUND SURFACE UNLESS GREATER DEPTH IS REQUIRED TO AVOID EXISTING UTILITIES OR WHERE INDICATED ON THE DRAWINGS.
- PROVIDE COMPRESSION TYPE FIRE HYDRANTS WITH A 5/4-INCH MINIMUM SIZE MAIN VALVE ASSEMBLY, O-RING SEALS, TWO 2 1/2-INCH HOSE NOZZLES, AND A 4 1/2-INCH PUMPER NOZZLE WITH NATIONAL STANDARD THREADS, A NATIONAL STANDARD OPERATING NUT, AND AN ABOVE GROUND BREAK FLANGE. COLOR FOR HYDRANTS ON POTABLE DISTRIBUTION MAINS SHALL BE RED, HYDRANTS ON RAW WATER MAINS SHALL BE GREEN. COLOR FOR PRIVATE SYSTEM HYDRANTS SHALL BE YELLOW. ACCEPTABLE MANUFACTURERS ARE CLOW MEDALLION, EJ 5BR250, OR MUELLER CENTURION A423.
- PROVIDE A TEMPORARY COVERING OVER ALL NEW FIRE HYDRANTS UNTIL ALL NEW WATER MAINS ARE PUT INTO SERVICE AND NEW FIRE HYDRANTS ARE OPERABLE.
- GATE VALVES SHALL BE IN ACCORDANCE WITH AWWA C515 (DUCTILE IRON BODY), BRONZE FITTED, RESILIENT WEDGE AND SEAT TYPE WITH NON-RISING STEM AND O-RING PACKING. ALL INTERNAL AND EXTERNAL SURFACES SHALL HAVE A FUSION BONDED EPOXY COATING. ACCEPTABLE VALVE MANUFACTURERS ARE AMERICAN FLOW CONTROL, CLOW, AND EJ.
- BUTTERFLY VALVES SHALL BE IN ACCORDANCE WITH AWWA C504 FOR PRESSURE CLASS 150B, CAST IRON BODY, RUBBER-SEATED, TIGHT CLOSING TYPE SUITABLE FOR BURIED SERVICE. ACCEPTABLE VALVE MANUFACTURERS ARE AMERICAN FLOW CONTROL, CLOW, AND EJ.
- LOCATE PRESSURE CONNECTIONS, IF INDICATED ON THE DRAWINGS OR WHEN DIRECTED BY THE ENGINEER, A MINIMUM OF 2' FROM ANY EXISTING REPAIR SLEEVES OR PIPE JOINTS.
- THE CITY OF JOLIET WATER DEPARTMENT SHALL BE RESPONSIBLE FOR COMPLETING ALL TAPS TO EXISTING WATER MAINS. CONTRACTOR WILL BE RESPONSIBLE FOR CALLING 815-724-4230 TO SCHEDULE AN APPOINTMENT WITH THE CITY WATER DEPARTMENT. APPOINTMENTS ARE AVAILABLE ON TUESDAYS AND THURSDAYS.
- SUCCESSFULLY TEST, DISINFECT, AND FLUSH WATER MAIN, AND OBTAIN ACCEPTANCE OF THE WATER MAIN BY THE CITY OF JOLIET, PRIOR TO MAKING WATER SERVICE CONNECTIONS. FLUSH PIPELINES TO OBTAIN A VELOCITY OF 2.5 FT/S PER AWWA STANDARD C651.
- CITY OF JOLIET WILL ALLOW TESTING NEW WATER MAIN AGAINST EXISTING VALVES OR AGAINST A CAP WHERE A NEW VALVE IS NOT PRESENT.
- USE MECHANICAL JOINT FITTINGS TO PLUG/CAP EXISTING WATER MAINS TO REMAIN IN SERVICE AND FOR EXISTING WATER MAINS TO BE ABANDONED. PLUGS/CAPS ON WATER MAIN TO REMAIN IN SERVICE SHALL INCLUDE AN ADEQUATELY SIZED CAST-IN-PLACE CONCRETE THRUST BLOCK.
- AS-BUILT DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS THE PROJECT IS COMPLETED. ANY CHANGE IN THE LENGTH, LOCATION, OR ALIGNMENT SHALL BE SHOWN IN RED.
- EROSION CONTROL WILL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AS CONTAINED IN IEPA/WPC/87-012 OR CURRENT EDITION.
- REPLACE ALL CONCRETE SIDEWALKS DISTURBED BY CONSTRUCTION TO THE NEAREST CONSTRUCTION JOINT. A MAXIMUM LENGTH OF TEN LINEAL FEET PER CROSSING WILL BE UTILIZED FOR PAY QUANTITY CALCULATIONS.
- PAVEMENT RESTORATION WILL BE MEASURED IN PLACE AND THE AREA COMPUTED IN SQUARE YARDS. ALL AREAS DISTURBED WILL BE REPLACED, BUT THE MAXIMUM ALLOWABLE WIDTHS USED FOR PAY QUANTITY CALCULATIONS WILL BE 6 FEET CENTERED ON THE PIPE. IF THE CONTRACTOR RELOCATES THE TRENCH AWAY FROM THE CURB AND GUTTER, THE PAVEMENT PATCH WILL EXTEND FROM THE SAWCUT IN THE EXISTING PAVEMENT TO THE FACE OF THE GUTTER AND THE MAXIMUM ALLOWABLE WIDTH OF 6 FEET WILL BE USED FOR PAY QUANTITY CALCULATIONS.

- CADDY LANE, FAIRLANE DRIVE, FAIRWAY DRIVE, INWOOD DRIVE, PUTTER COURT, STAR LANE, SWING COURT, AND WHITE BIRCH LANE SHALL HAVE 2.5 INCHES OF BINDER AND 1.5 INCHES OF SURFACE COURSE.
- GLENWOOD AVENUE AND BARNEY DRIVE SHALL HAVE 10 INCHES OF BINDER AND 2 INCHES OF SURFACE COURSE.

- IT SHALL BE THE CONTRACTOR'S DUTY AND RESPONSIBILITY TO ASCERTAIN AND EXECUTE THE MEANS, METHODS, AND SEQUENCE OF CONSTRUCTION IN ACCORDANCE WITH THE DRAWINGS, SPECIFICATIONS, AND OTHER CONTRACT DOCUMENTS. THIS SHALL INCLUDE, BUT SHALL NOT BE LIMITED TO, THE EXCLUSIVE DUTY AND RESPONSIBILITY TO PROVIDE FOR WORKPLACE SAFETY AND WORKER SUPERVISION. IT SHALL EXCLUSIVELY BE THE CONTRACTOR'S DUTY AND RESPONSIBILITY TO INVESTIGATE AND ASCERTAIN THE CURRENT PHYSICAL STATE AND OPERATIONAL STATUS OF THE CITY'S WATER SUPPLY SYSTEM AND THE CITY'S SANITARY SEWER SYSTEM, INCLUDING WHETHER A WATER MAIN OR OTHER VESSEL IS OPERATIONAL, CONTAINS WATER, IS PRESSURIZED, OR IS OTHERWISE SAFE TO ALTER. ANY INFORMATION PROVIDED BY THE CITY, OR ITS EMPLOYEES AND CONSULTANTS, REGARDING THE STATE OF ITS WATER SUPPLY AND SANITARY SEWER SYSTEMS IS PROVIDED AS A COURTESY TO THE CONTRACTOR BUT IS NOT WARRANTED TO BE TRUE AND MAY NOT BE RELIED ON BY THE CONTRACTOR IN SATISFACTION OF, OR TO DIMINISH, ITS EXCLUSIVE DUTY TO ASCERTAIN AND EXECUTE THE MEANS, METHODS, AND SEQUENCES OF CONSTRUCTION IN ACCORDANCE WITH THE DRAWINGS, SPECIFICATIONS, AND OTHER CONTRACT DOCUMENTS AND ITS EXCLUSIVE RESPONSIBILITY TO PROVIDE FOR WORKPLACE SAFETY AND WORKER SUPERVISION.
- CONTRACTOR TO COMPLY WITH PROJECT MILESTONES AND REQUIREMENTS SPECIFIED IN SUPPLEMENTARY CONDITIONS AND SECTION 01 31 13.16
- CONTRACTOR TO DISTRIBUTE DOOR HANGERS AT VARIOUS MILESTONES DURING THE PROJECT. DOOR HANGERS WILL BE PROVIDED BY THE OWNER. DOOR HANGERS MUST BE DISTRIBUTED AT THE FOLLOWING MILESTONES:
 - ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
 - 48 HOURS IN ADVANCE OF WATER MAIN SHUTDOWNS TO ALL AFFECTED STRUCTURES (THE SAME STRUCTURE MAY RECEIVE MORE THAN ONE DOOR HANGER).
 - 48 HOURS IN ADVANCE OF WATER SERVICE LINE REPLACEMENTS.
 - ONE WEEK PRIOR TO RESTORATION ACTIVITIES ON ANY STREET.
- CONTRACTOR SHALL COORDINATE WITH CITY ARBORIST IN AREAS WHERE THE WATER MAIN IS TO BE INSTALLED WITH TREE TUNNELING OR WHERE TREE REMOVAL IS NECESSARY FOR THE INSTALLATION OF THE WATER MAIN.

SUMMARY OF QUANTITIES

No.	PAY ITEM	UNIT	QUANTITY
1	PRECONSTRUCTION VIDEO RECORDING	LSUM	1
2	TRAFFIC CONTROL AND PROTECTION	LSUM	1
3	GRANULAR TRENCH BACKFILL	CUYD	9,200
4	WATER MAIN (OPEN CUT), 6-INCH	FOOT	233
5	WATER MAIN (OPEN CUT), 6-INCH DI	FOOT	1,190
6	WATER MAIN (OPEN CUT), 8-INCH	FOOT	7,958
7	WATER MAIN (OPEN CUT), 8-INCH DI	FOOT	76
8	WATER MAIN (OPEN CUT), 10-INCH	FOOT	460
9	WATER MAIN (OPEN CUT), 10-INCH DI	FOOT	227
10	WATER MAIN (OPEN CUT), 12-INCH	FOOT	803
11	WATER MAIN (OPEN CUT), 12-INCH DI	FOOT	242
12	WATER MAIN (OPEN CUT), 16-INCH DI	FOOT	3,977
13	WATER MAIN (IN JACKED CASING), 8-INCH IN 36-INCH CASING	FOOT	91
14	WATER MAIN (IN JACKED CASING), 12-INCH IN 36-INCH CASING	FOOT	76
15	CASING PIPE (TUNNELING UNDER SEWER), 24-INCH	FOOT	219
16	MISCELLANEOUS FITTINGS	POUND	16,000
17	CONNECT TO WATER MAIN (NON-PRESSURE), 6-INCH	EACH	5
18	CONNECT TO WATER MAIN (NON-PRESSURE), 8-INCH	EACH	2
19	CONNECT TO WATER MAIN (NON-PRESSURE), 10-INCH	EACH	4
20	CONNECT TO WATER MAIN (NON-PRESSURE), 12-INCH	EACH	3
21	CONNECT TO WATER MAIN (NON-PRESSURE), 16-INCH	EACH	3
22	GATE VALVE, 6-INCH	EACH	8
23	GATE VALVE, 8-INCH	EACH	24
24	GATE VALVE, 10-INCH	EACH	3
25	GATE VALVE, 12-INCH	EACH	3
26	BUTTERFLY VALVE, 16-INCH	EACH	9
27	VALVE BOX	EACH	5
28	VALVE VAULT, 4-FOOT DIAMETER	EACH	29
29	VALVE VAULT, 5-FOOT DIAMETER	EACH	13
30	VALVE VAULT (ADDITIONAL DEPTH), 4-FOOT DIAMETER	VFT	5
31	VALVE VAULT (ADDITIONAL DEPTH), 5-FOOT DIAMETER	VFT	3
32	FIRE HYDRANT	EACH	39
33	FIRE HYDRANT BARREL EXTENSION	VFT	5
34	LINE STOP, 6-INCH	EACH	2
35	LINE STOP, 8-INCH	EACH	1
36	LINE STOP, 10-INCH	EACH	1
37	LINE STOP, 12-INCH	EACH	1
38	LINE STOP, 16-INCH	EACH	3
39	SANITARY SEWER REMOVAL AND REPLACEMENT, 8-INCH	FOOT	43
40	STORM SEWER REMOVAL AND REPLACEMENT, 8-INCH	FOOT	40
41	STORM SEWER REMOVAL AND REPLACEMENT, 12-INCH	FOOT	7
42	ABANDONMENT OF EXISTING WATER MAINS AND APPURTENANCES	LSUM	1
43	WATER SERVICE CONNECTION TO WATER MAIN AND CURB STOP, 1-INCH	EACH	201

44	WATER SERVICE CONNECTION TO WATER MAIN AND CURB STOP, 1.5-INCH	EACH	2
45	WATER SERVICE CONNECTION TO WATER MAIN AND CURB STOP, 2-INCH	EACH	20
46	WATER SERVICE CONNECTION TO WATER MAIN AND CURB STOP, 3-INCH	EACH	1
47	WATER SERVICE LINE TYPE K - OPEN CUT, 1-INCH	FOOT	1,965
48	WATER SERVICE LINE TYPE K - OPEN CUT, 1.5-INCH	FOOT	25
49	WATER SERVICE LINE TYPE K - OPEN CUT, 2-INCH	FOOT	145
50	WATER SERVICE LINE TYPE K - OPEN CUT, 3-INCH	FOOT	20
51	WATER SERVICE LINE TYPE K - DIRECTIONAL DRILLING, 1-INCH	FOOT	4,415
52	WATER SERVICE LINE TYPE K - DIRECTIONAL DRILLING, 1.5-INCH	FOOT	150
53	WATER SERVICE LINE TYPE K - DIRECTIONAL DRILLING, 2-INCH	FOOT	1,175
54	WATER SERVICE CASING PIPE	FOOT	320
55	PROJECT MANAGEMENT	HOUR	21
56	UTILITY LOCATION - PRIVATE PROPERTY	EACH	7
57	LANDSCAPING PROJECT MANAGEMENT	HOUR	14
58	LANDSCAPING RESTORATION ALLOWANCE	EACH	7
59	SHRUB AND BRUSH DISPOSAL	EACH	14
60	FENCE TO BE REMOVED AND RE-ERECTED	FOOT	35
61	CRIMP WATER SERVICE	EACH	7
62	REMOVE AND REPLACE DRAIN TILES, 6-INCH THROUGH 12-INCH	FOOT	320
63	ADJUSTING SANITARY SEWER SERVICE LINE	EACH	63
64	EXPLORATORY EXCAVATION	EACH	22
65	INLET PROTECTION FILTER	EACH	100
66	RESTORATION OF LAWNS AND PARKWAYS	SQYD	2,800
67	TEMPORARY HOT-MIX ASPHALT PAVEMENT	SQYD	2,050
68	HOT-MIX ASPHALT REMOVAL AND REPLACEMENT, 2.5-INCH BINDER, 1.5-INCH SURFACE	SQYD	5,300
69	HOT-MIX ASPHALT REMOVAL AND REPLACEMENT, 10.5-INCH BINDER, 1.5-INCH SURFACE	SQYD	5,800
70	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT, 3-INCH	SQYD	100
71	PCC DRIVEWAY REMOVAL AND REPLACEMENT, 6-INCH	SQYD	150
72	PCC DRIVEWAY REMOVAL AND REPLACEMENT, 8-INCH	SQYD	75
73	CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	1,900
74	PCC SIDEWALK REMOVAL AND REPLACEMENT	SQFT	12,900
75	DETECTABLE WARNINGS	SQFT	30
76	PAVEMENT MARKING - LINE, 4-INCH (THERMOPLASTIC)	FOOT	550
77	PAVEMENT MARKING - LINE, 6-INCH (THERMOPLASTIC)	FOOT	3,730
78	PAVEMENT MARKING - LINE, 12-INCH (THERMOPLASTIC)	FOOT	570
79	PAVEMENT MARKING - LINE, 24-INCH (THERMOPLASTIC)	FOOT	220
80	DETECTOR LOOP REPLACEMENT	FOOT	200
81	REMOVAL AND REPLACEMENT OF SIGNS	EACH	10
82	TREE ROOT PRUNING	EACH	52
83	TREE TRIMMING	LSUM	1
84	DUST CONTROL	DAY	55
85	REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL	CUYD	160
86	SOIL TESTS FOR CONTAMINANTS	EACH	8
87	CONTAMINATED WASTE DISPOSAL	CUYD	160

**FINAL DESIGN
FOR BIDDING**



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**CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124**

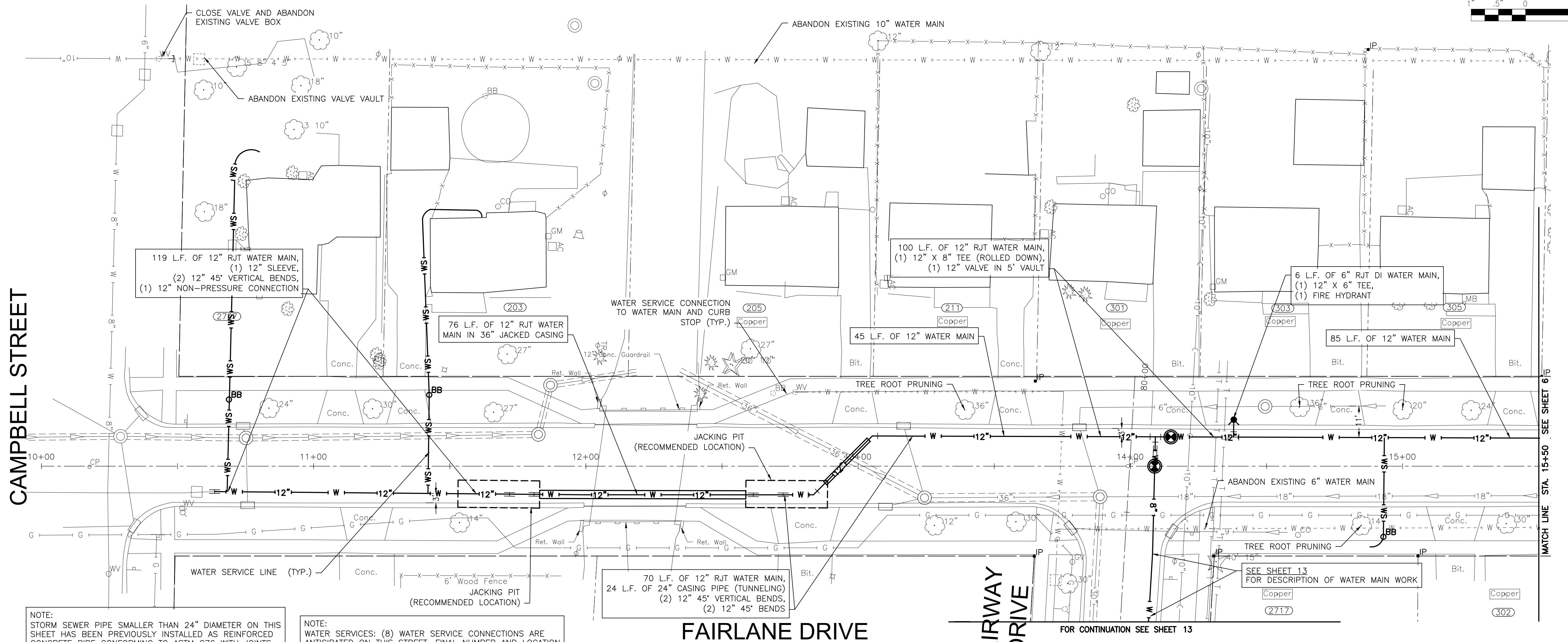
GENERAL NOTES AND SUMMARY OF QUANTITIES

SCALE: AS NOTED PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	4
CHECKED - LMS		
DATE - 10/19/2023		

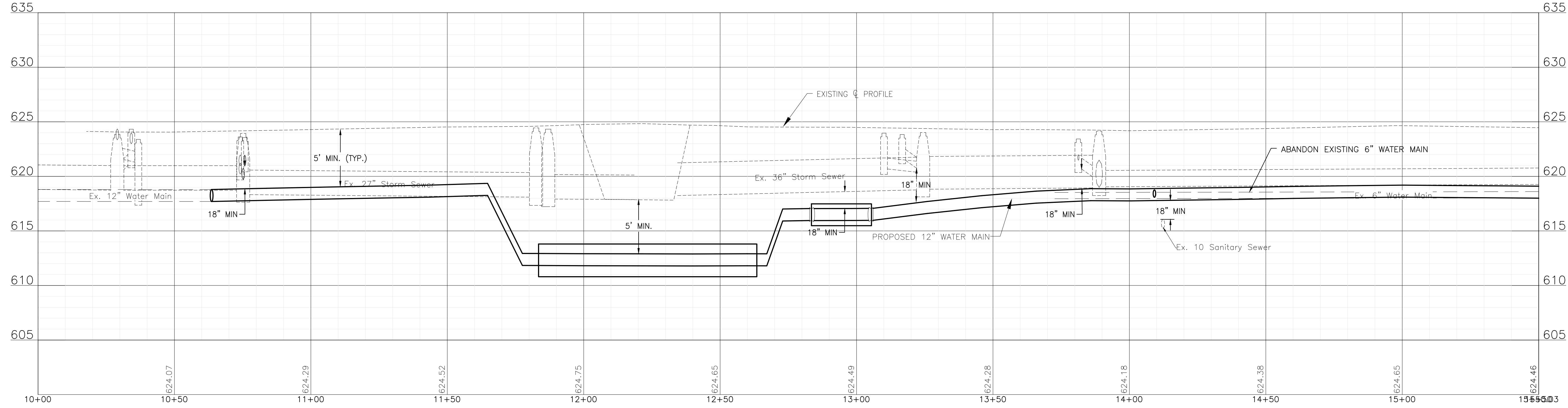
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NOTE:
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NOTE:
 WATER SERVICES: (8) WATER SERVICE CONNECTIONS ARE ANTICIPATED ON THIS STREET. FINAL NUMBER AND LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER.



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CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

FAIRLANE DRIVE STA. 10+00 TO STA. 15+50 PLAN AND PROFILE

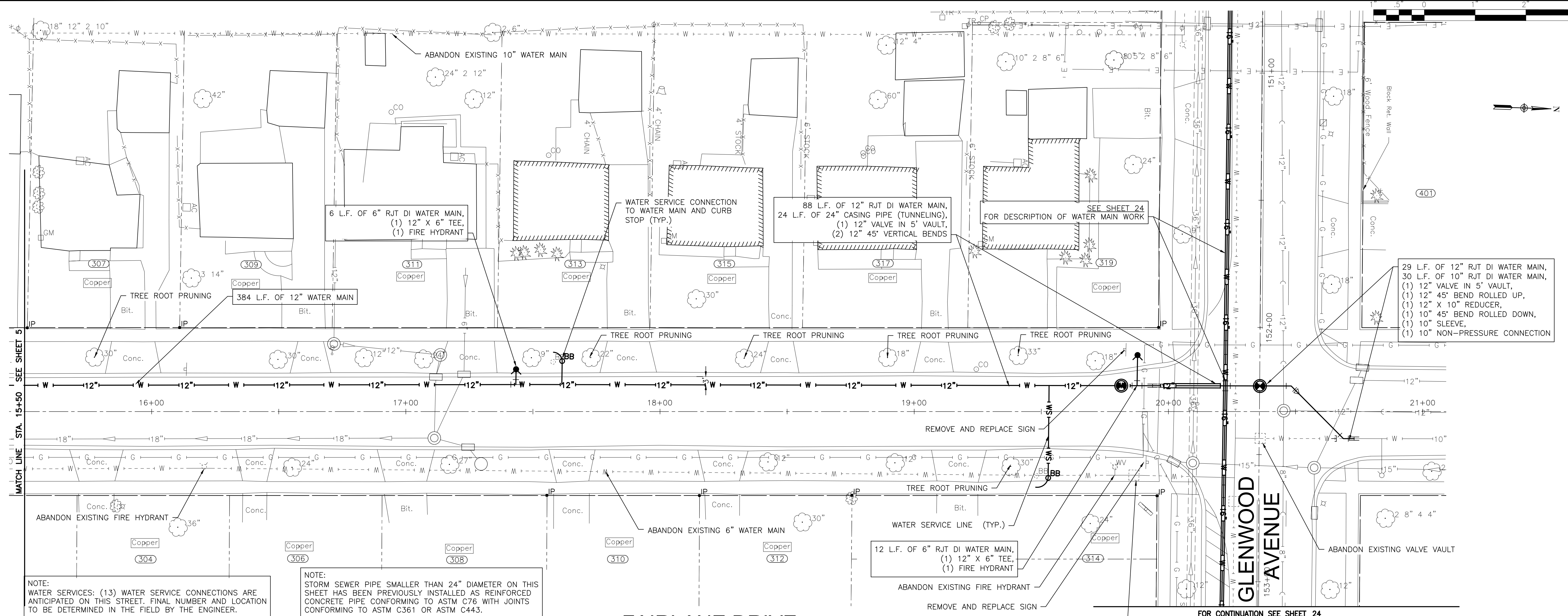
SCALE: HORIZ 1"=20' / VERT 1"=5'

PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	5
CHECKED - LMS		
DATE - 10/19/2023		

FINAL DESIGN FOR BIDDING

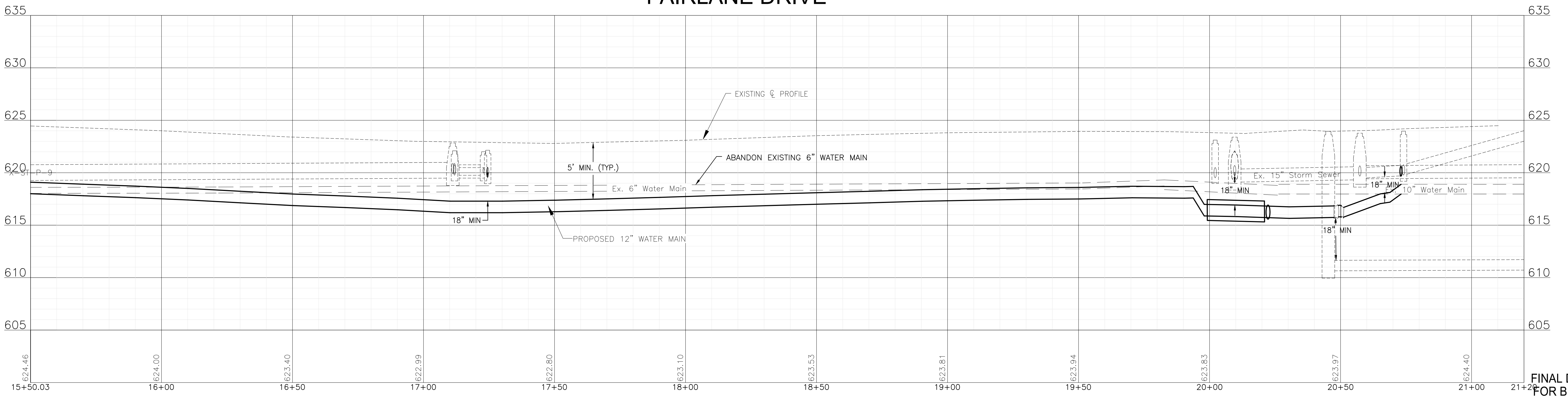
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NOTE:
 WATER SERVICES: (13) WATER SERVICE CONNECTIONS ARE ANTICIPATED ON THIS STREET. FINAL NUMBER AND LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

NOTE:
 STORM SEWER PIPE SMALLER THAN 24" DIAMETER ON THIS SHEET HAS BEEN PREVIOUSLY INSTALLED AS REINFORCED CONCRETE PIPE CONFORMING TO ASTM C76 WITH JOINTS CONFORMING TO ASTM C361 OR ASTM C443.

FAIRLANE DRIVE



FINAL DESIGN
 FOR BIDDING



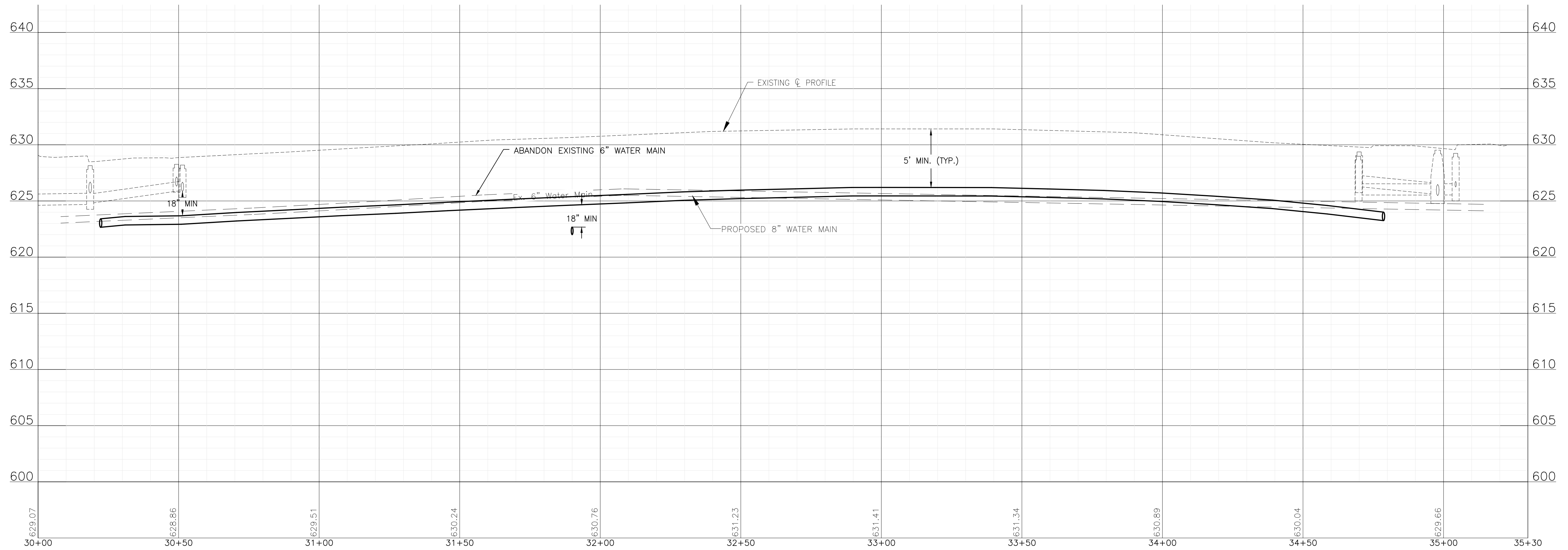
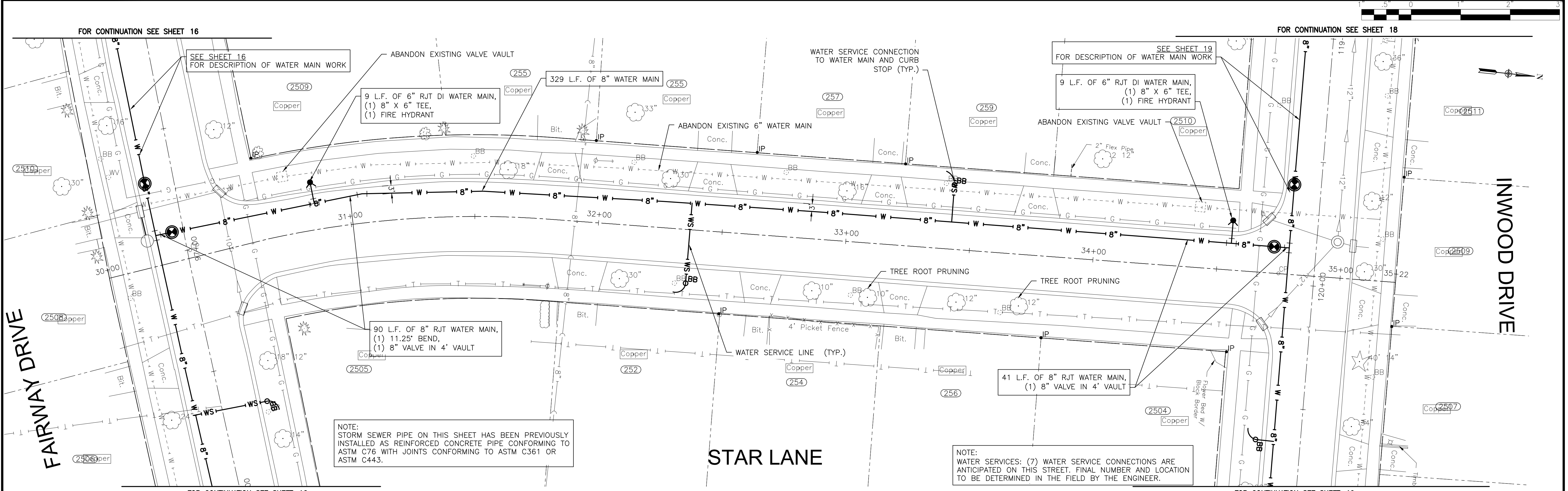
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PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

FAIRLANE DRIVE STA. 15+50 TO STA. 21+50 PLAN AND PROFILE
 SCALE: HORIZ 1"=20' / VERT 1"=5'
 PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	6
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DATE - 10/19/2023		

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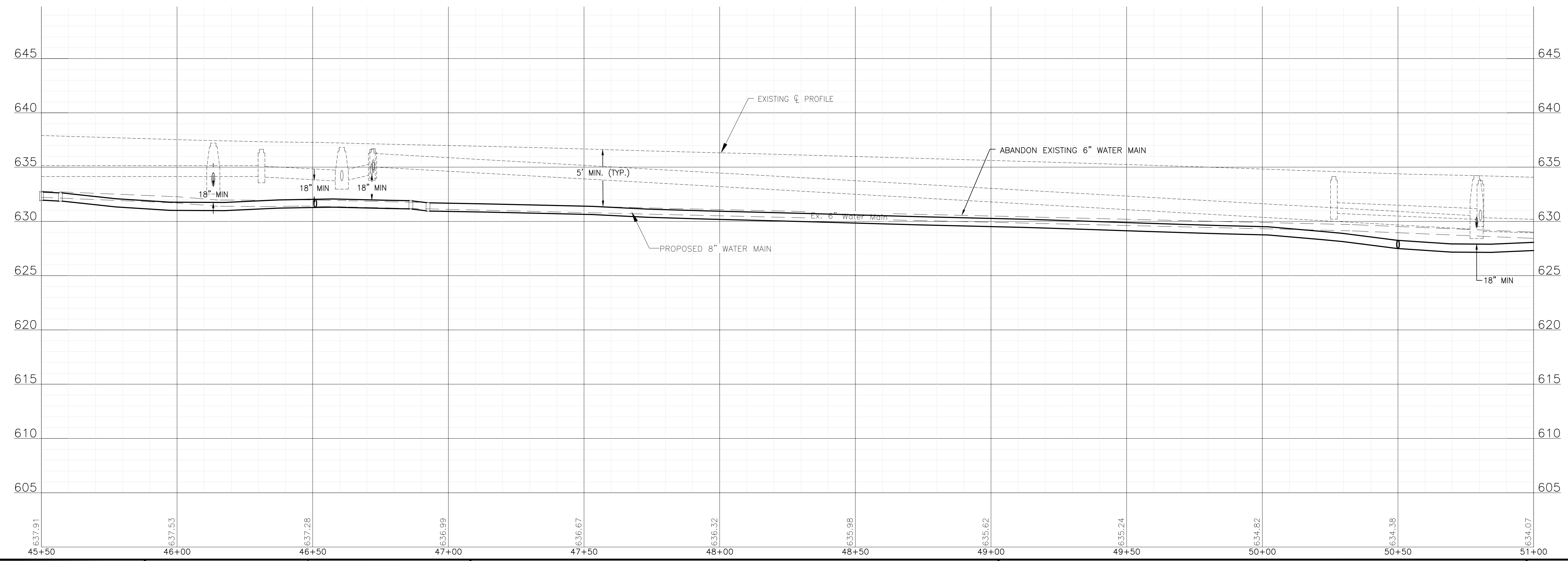
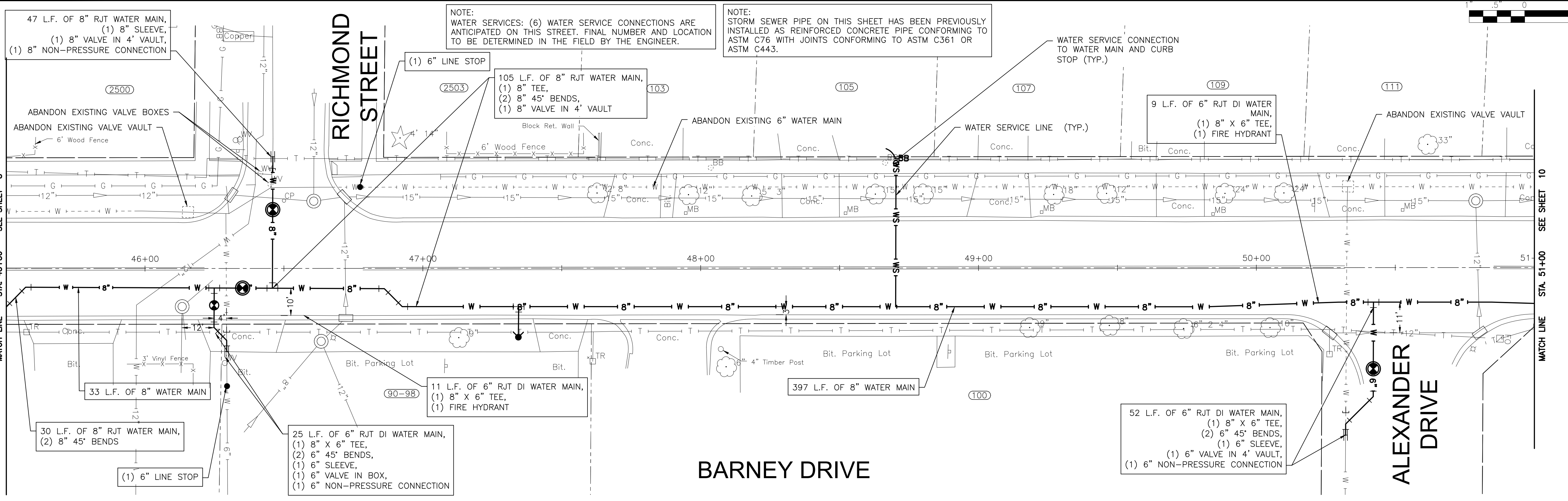


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CITY OF JOLIET CONTRACT NO. 2773-0124

STAR LANE STA. 30+00 TO STA. 35+50 PLAN AND PROFILE		DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
SCALE: HORIZ 1"=20' / VERT 1"=5'	PROJECT NO: 221587.40	DRAWN - JJS/ABN	39	7
		CHECKED - LMS		
		DATE - 10/19/2023		

FINAL DESIGN FOR BIDDING



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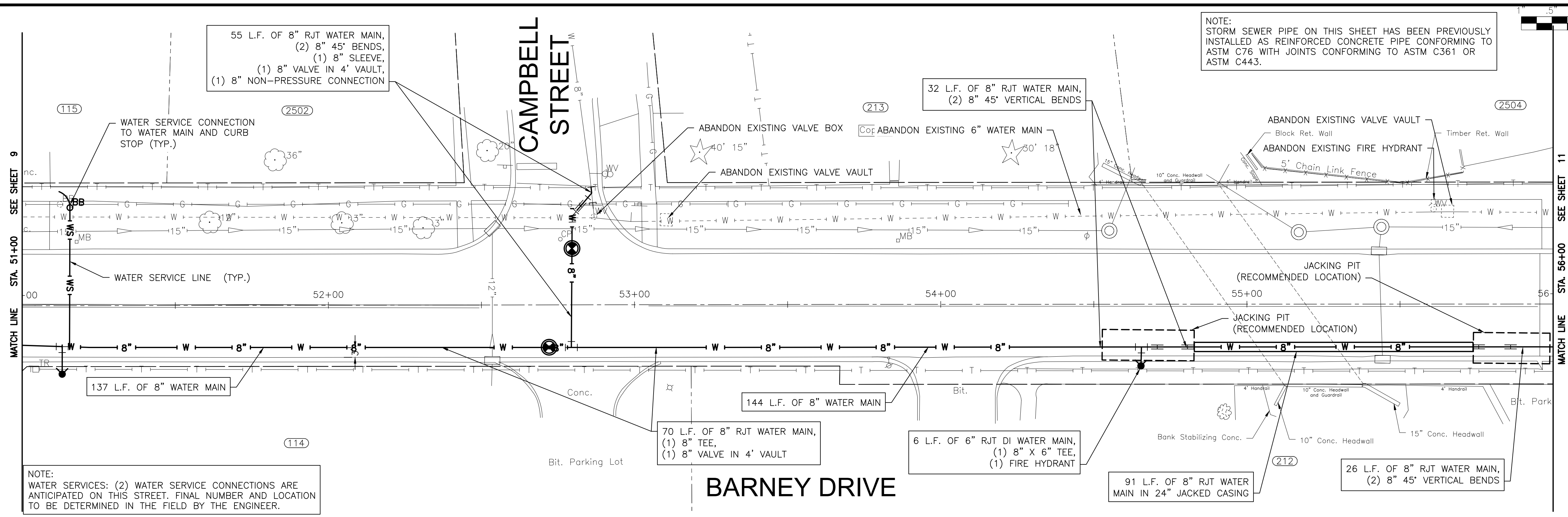


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CITY OF JOLIET CONTRACT NO. 2773-0124

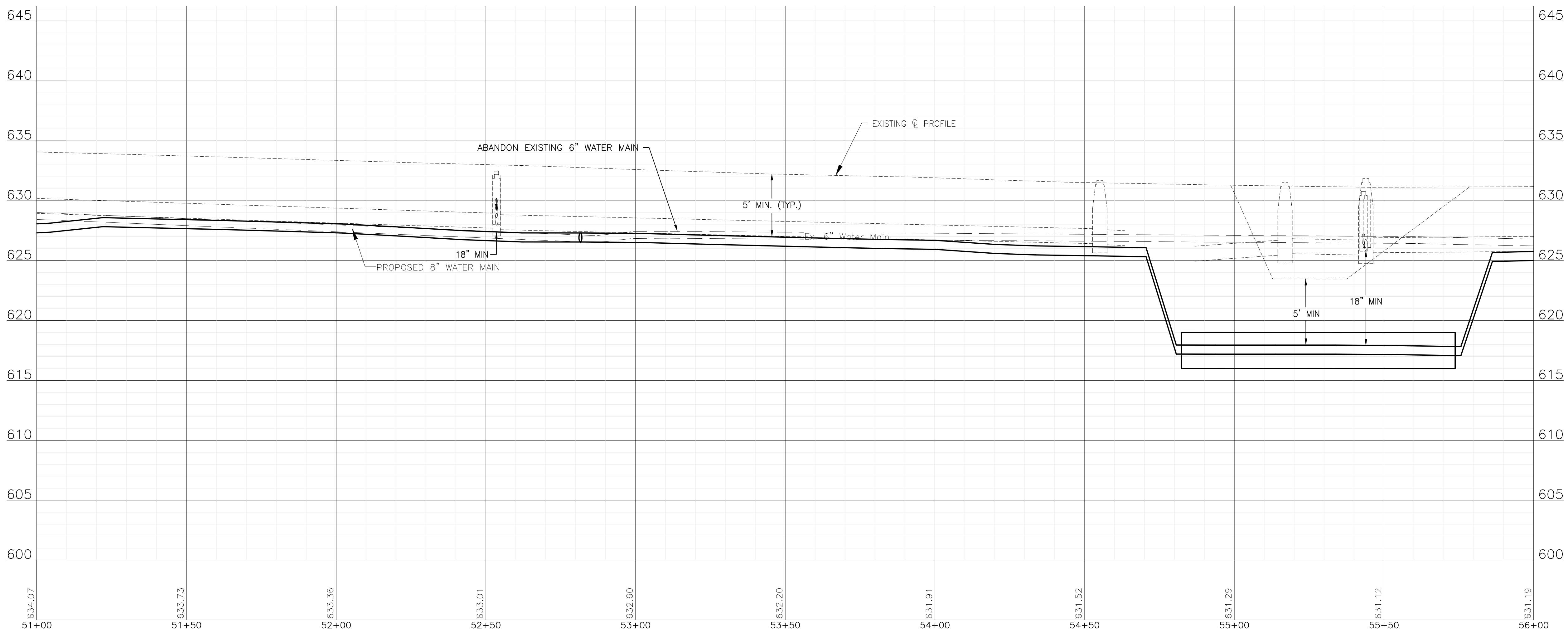
BARNEY DRIVE STA. 45+50 TO STA. 51+00 PLAN AND PROFILE		DESIGNED - RMM DRAWN - JJS/ABN CHECKED - LMS DATE - 10/19/2023	TOTAL SHEETS 39	SHEET NO. 9
SCALE:	HORIZ 1"=20' / VERT 1"=5'	PROJECT NO:	221587.40	

FINAL DESIGN FOR BIDDING



NOTE:
STORM SEWER PIPE ON THIS SHEET HAS BEEN PREVIOUSLY
INSTALLED AS REINFORCED CONCRETE PIPE CONFORMING TO
ASTM C76 WITH JOINTS CONFORMING TO ASTM C361 OR
ASTM C443.

NOTE:
WATER SERVICES: (2) WATER SERVICE CONNECTIONS ARE
ANTICIPATED ON THIS STREET. FINAL NUMBER AND LOCATION
TO BE DETERMINED IN THE FIELD BY THE ENGINEER.



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CITY OF JOLIET CONTRACT NO. 2773-0124

BARNEY DRIVE STA. 51+00 TO STA. 56+00 PLAN AND PROFILE

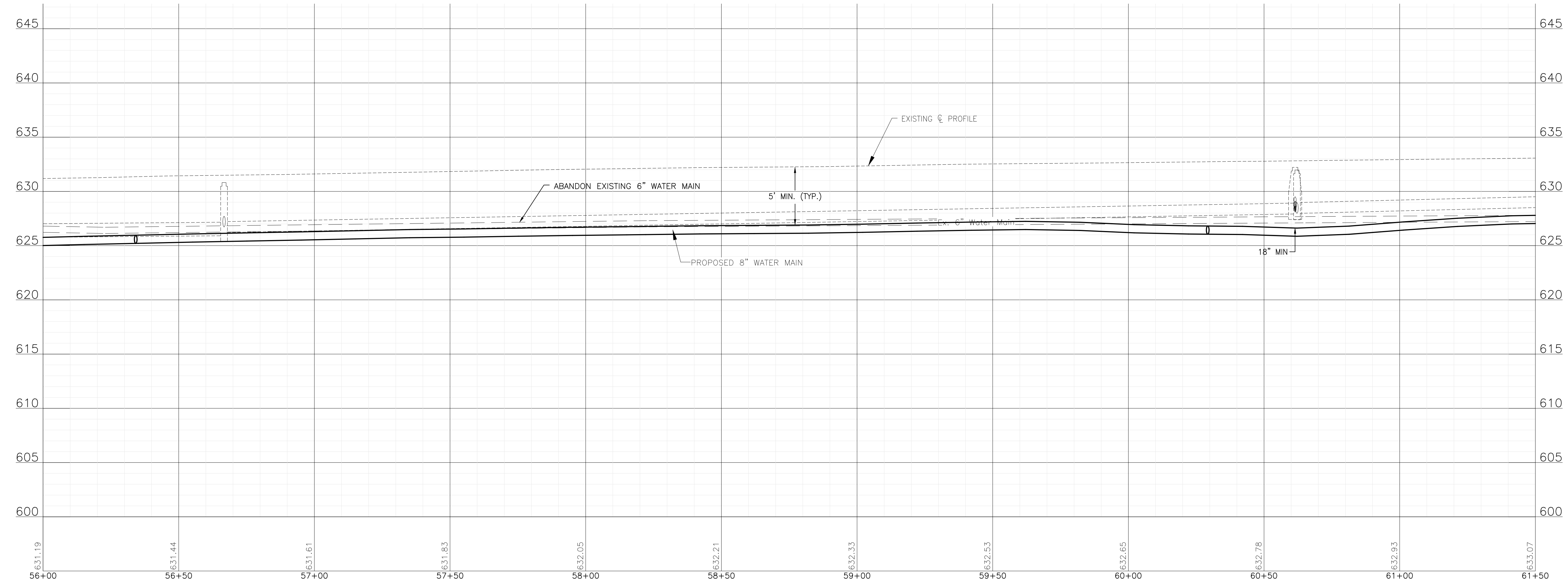
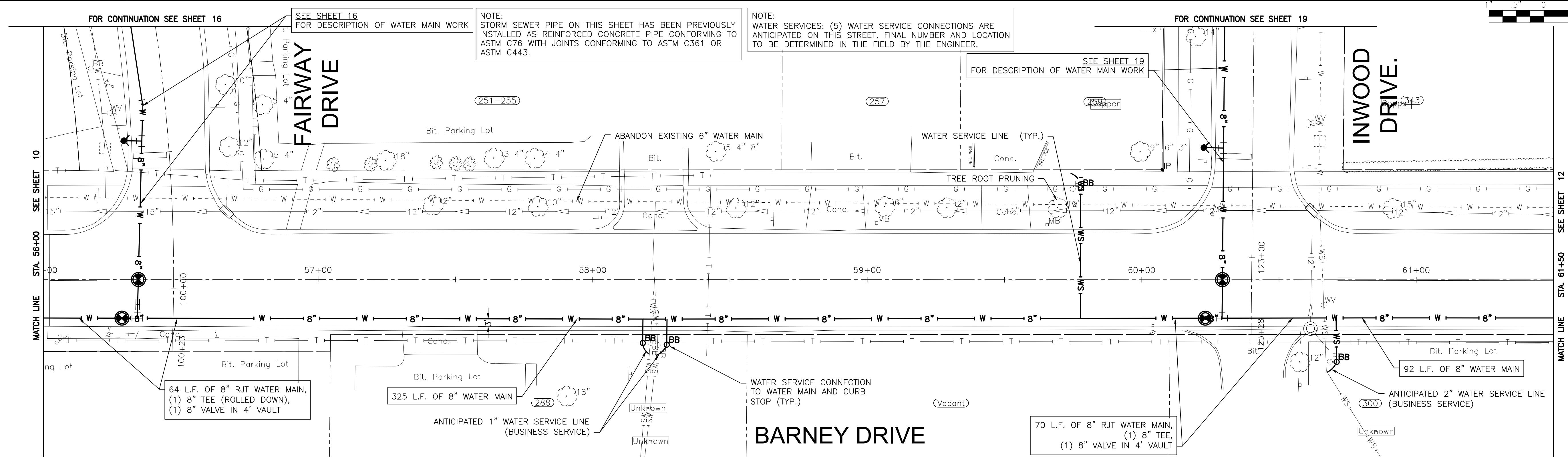
SCALE: HORIZ 1"=20' / VERT 1"=5'

PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	10
CHECKED - LMS		
DATE - 10/19/2023		

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PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

BARNEY DRIVE STA. 56+00 TO STA. 61+50 PLAN AND PROFILE

SCALE: HORIZ 1"=20' / VERT 1"=5'
 PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	11
CHECKED - LMS		
DATE - 10/19/2023		

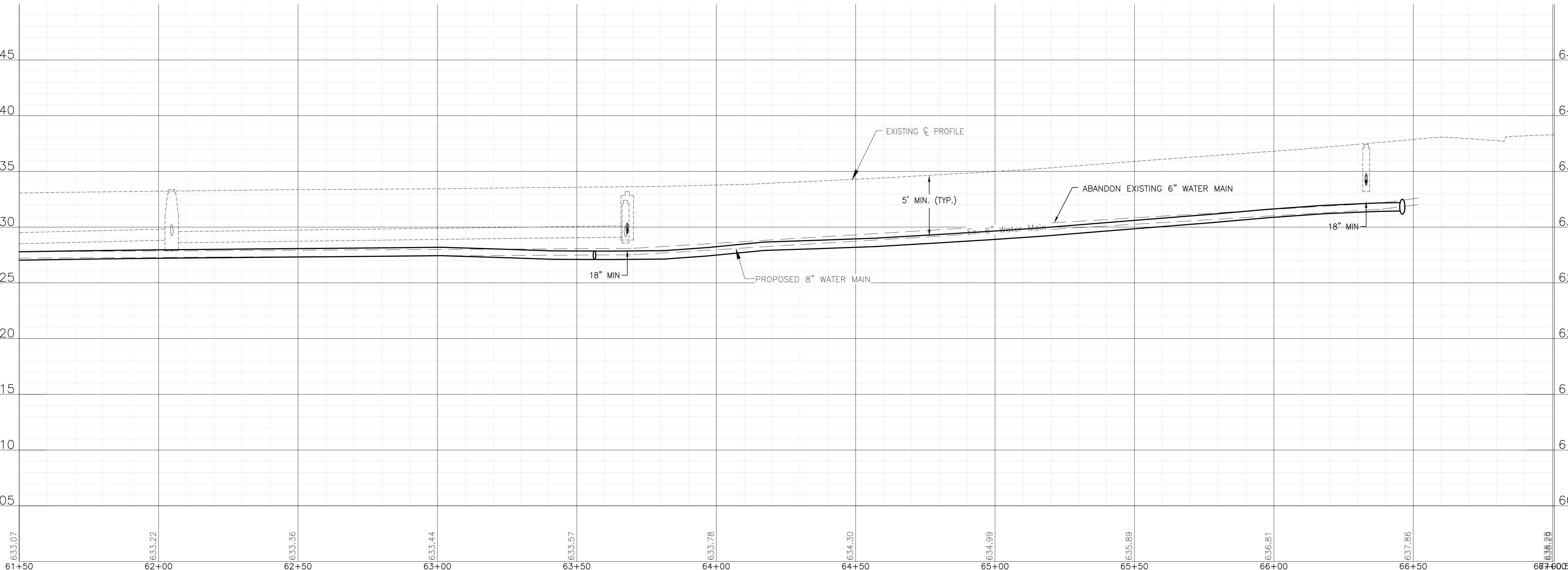
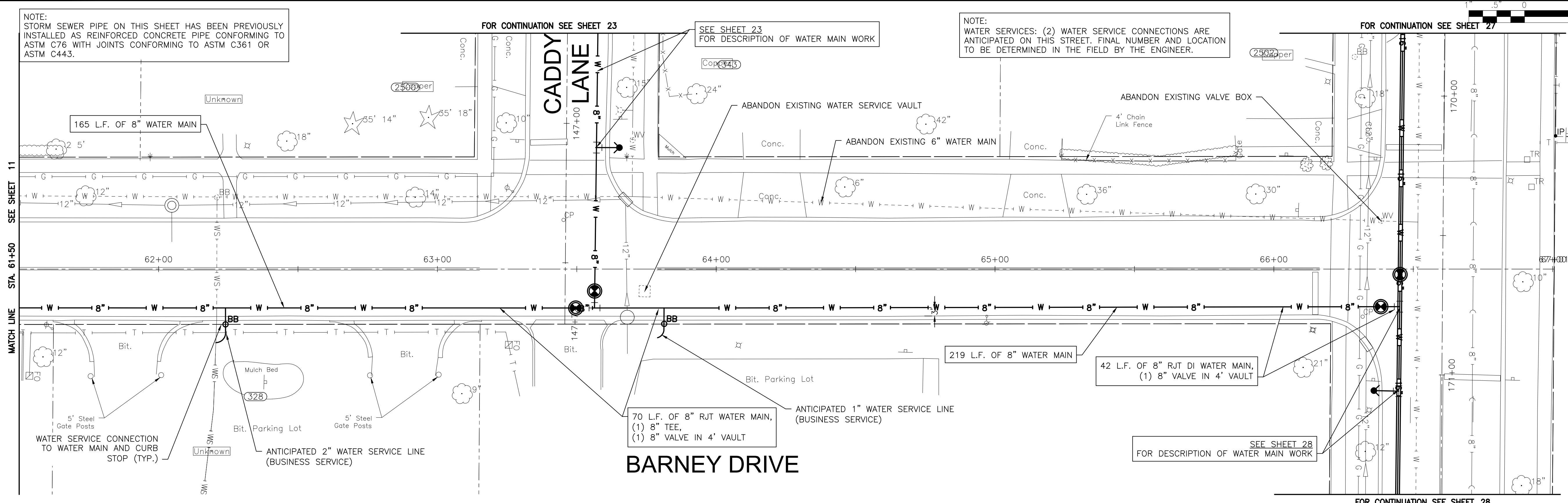
FINAL DESIGN FOR BIDDING

NOTE:
STORM SEWER PIPE ON THIS SHEET HAS BEEN PREVIOUSLY
INSTALLED AS REINFORCED CONCRETE PIPE CONFORMING TO
ASTM C76 WITH JOINTS CONFORMING TO ASTM C361 OR
ASTM C443.

SEE SHEET 23
FOR DESCRIPTION OF WATER MAIN WORK

NOTE:
WATER SERVICES: (2) WATER SERVICE CONNECTIONS ARE
ANTICIPATED ON THIS STREET. FINAL NUMBER AND LOCATION
TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

FOR CONTINUATION SEE SHEET 27



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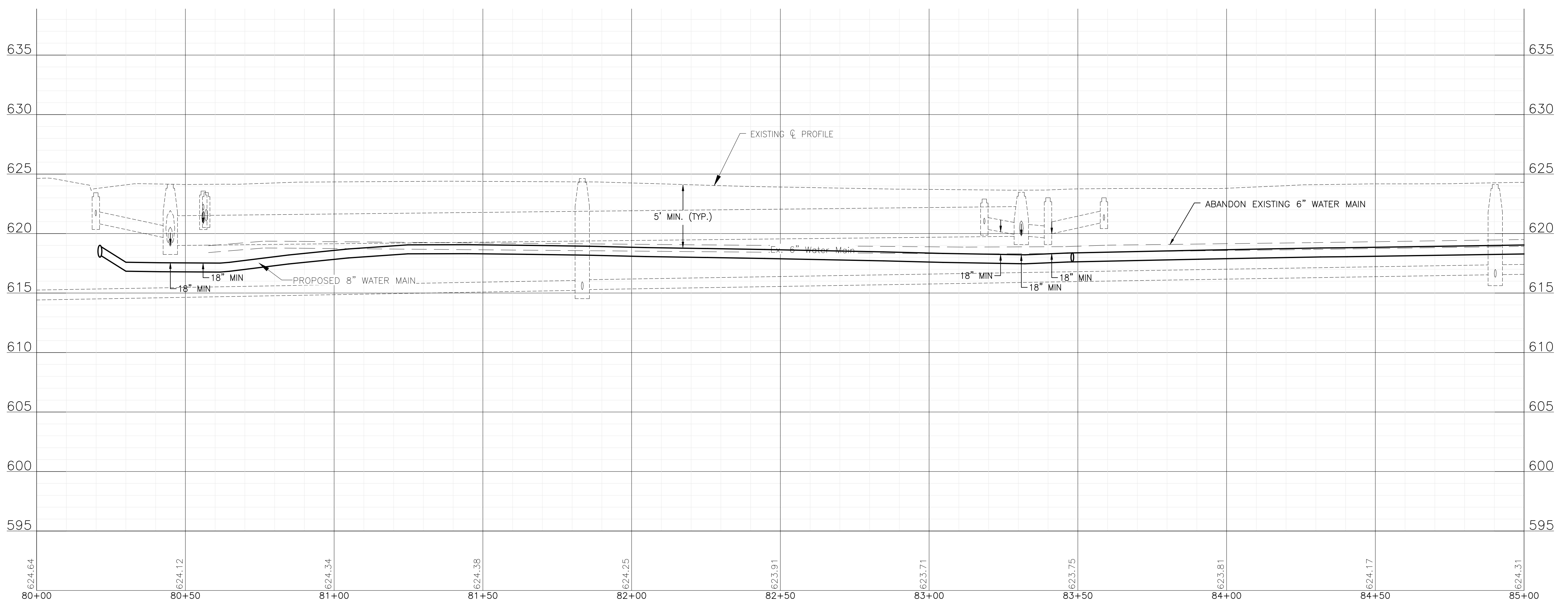
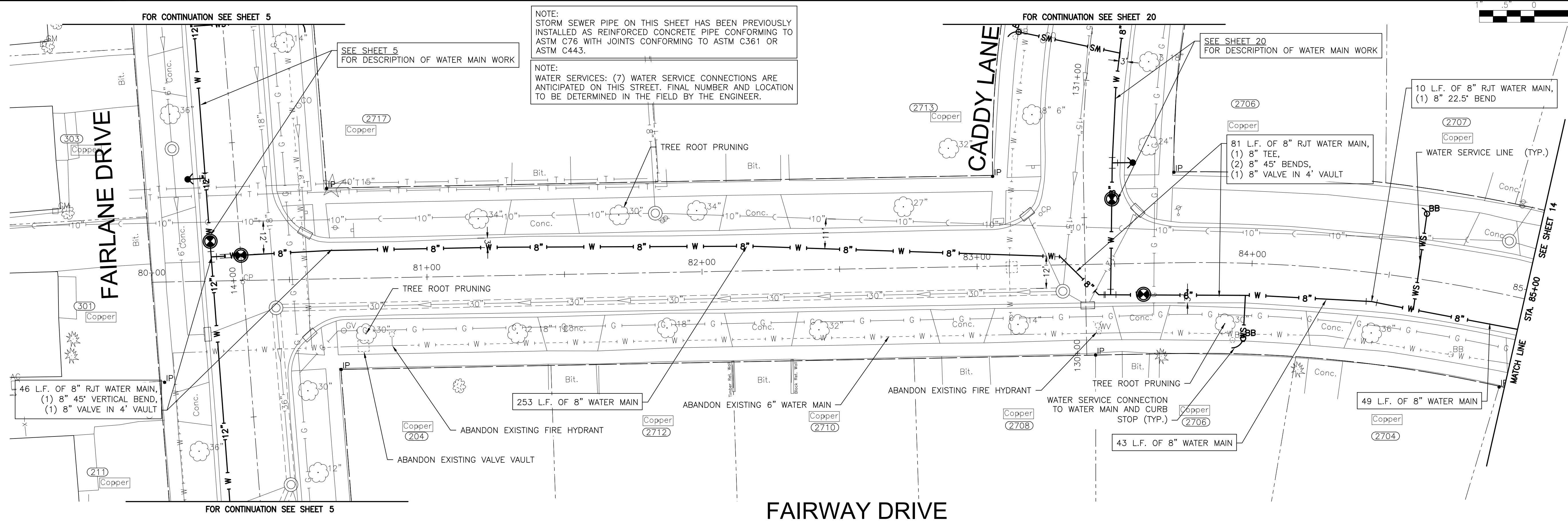
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PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

BARNEY DRIVE STA. 61+50 TO STA. 68+00 PLAN AND PROFILE
 SCALE: HORIZ 1"=20' / VERT 1"=5'
 PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	12
CHECKED - LMS		
DATE - 10/19/2023		

FINAL DESIGN FOR BIDDING



NOTE:
STORM SEWER PIPE ON THIS SHEET HAS BEEN PREVIOUSLY
INSTALLED AS REINFORCED CONCRETE PIPE CONFORMING TO
ASTM C76 WITH JOINTS CONFORMING TO ASTM C361 OR
ASTM C443.

NOTE:
WATER SERVICES: (7) WATER SERVICE CONNECTIONS ARE
ANTICIPATED ON THIS STREET. FINAL NUMBER AND LOCATION
TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

SEE SHEET 20
FOR DESCRIPTION OF WATER MAIN WORK

SEE SHEET 5
FOR DESCRIPTION OF WATER MAIN WORK

46 L.F. OF 8" RJT WATER MAIN,
(1) 8" 45° VERTICAL BEND,
(1) 8" VALVE IN 4' VAULT

253 L.F. OF 8" WATER MAIN

43 L.F. OF 8" WATER MAIN

49 L.F. OF 8" WATER MAIN

81 L.F. OF 8" RJT WATER MAIN,
(1) 8" TEE,
(2) 8" 45° BENDS,
(1) 8" VALVE IN 4' VAULT

10 L.F. OF 8" RJT WATER MAIN,
(1) 8" 22.5° BEND

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CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

FAIRWAY DRIVE STA. 80+00 TO STA. 85+00 PLAN AND PROFILE

SCALE: HORIZ 1"=20' / VERT 1"=5'

PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	13
CHECKED - LMS		
DATE - 10/19/2023		

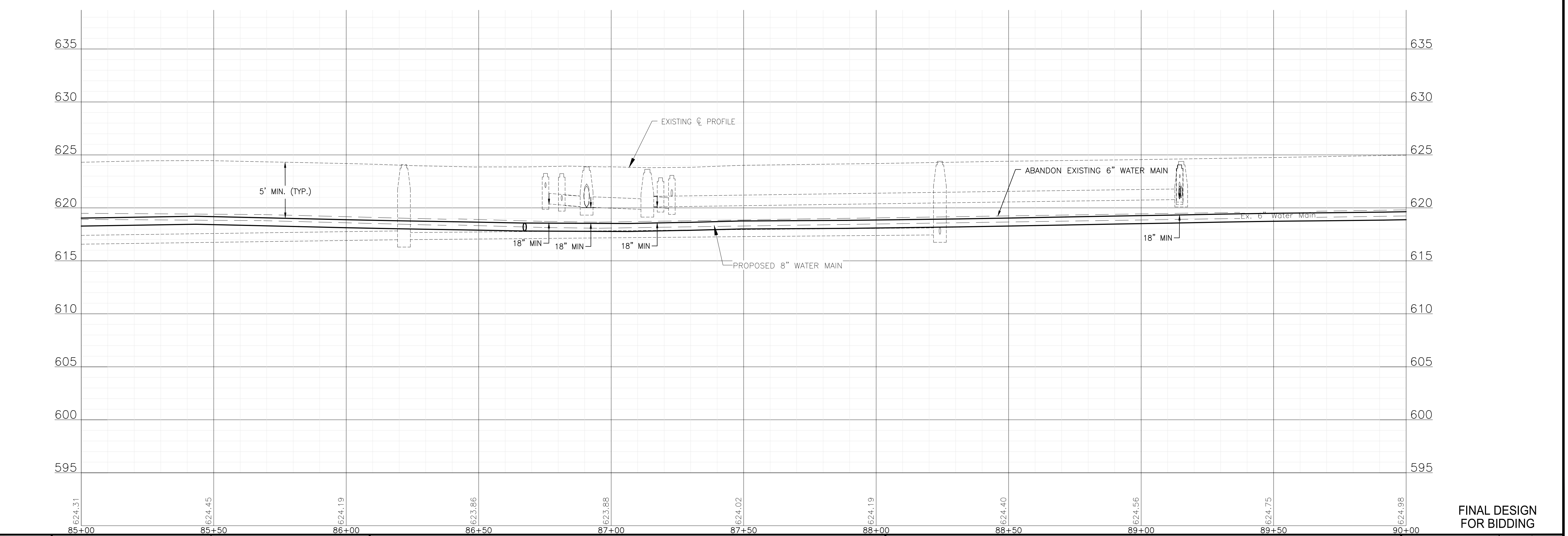
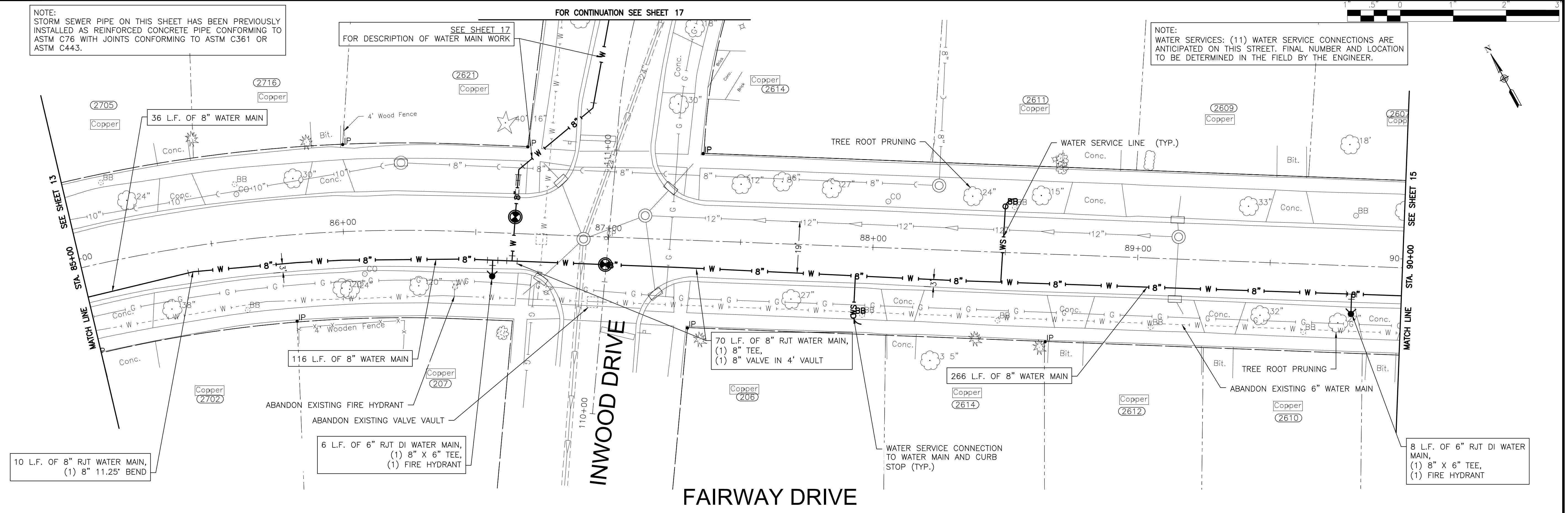
FINAL DESIGN FOR BIDDING

NOTE:
STORM SEWER PIPE ON THIS SHEET HAS BEEN PREVIOUSLY
INSTALLED AS REINFORCED CONCRETE PIPE CONFORMING TO
ASTM C76 WITH JOINTS CONFORMING TO ASTM C361 OR
ASTM C443.

FOR DESCRIPTION OF WATER MAIN WORK
SEE SHEET 17

FOR CONTINUATION SEE SHEET 17

NOTE:
WATER SERVICES: (11) WATER SERVICE CONNECTIONS ARE
ANTICIPATED ON THIS STREET. FINAL NUMBER AND LOCATION
TO BE DETERMINED IN THE FIELD BY THE ENGINEER.



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CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

FAIRWAY DRIVE STA. 85+00 TO STA. 90+00 PLAN AND PROFILE
 SCALE: HORIZ 1"=20' / VERT 1"=5'
 PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	14
CHECKED - LMS		
DATE - 10/19/2023		

FINAL DESIGN FOR BIDDING

NOTE:
WATER SERVICES: (12) WATER SERVICE CONNECTIONS ARE ANTICIPATED ON THIS STREET. FINAL NUMBER AND LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

SEE SHEET 35
FOR DESCRIPTION OF WATER MAIN WORK

9 L.F. OF 6" RJT DI WATER MAIN,
(1) 8" X 6" TEE,
(1) FIRE HYDRANT

214 L.F. OF 8" WATER MAIN

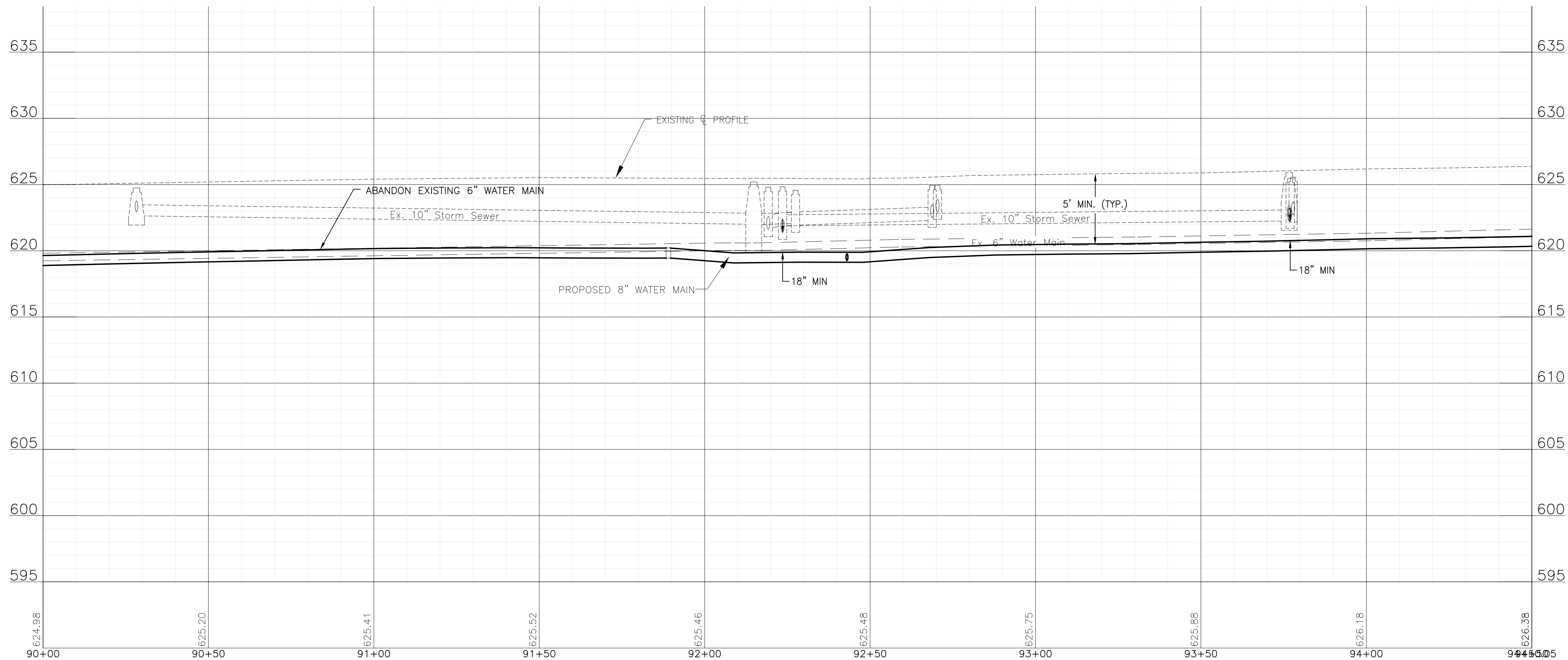
163 L.F. OF 8" WATER MAIN

70 L.F. OF 8" RJT WATER MAIN,
(1) 8" TEE,
(1) 8" 45° BEND,
(1) 8" VALVE IN 4' VAULT,

ABANDON EXISTING 6" WATER MAIN

NOTE:
STORM SEWER PIPE ON THIS SHEET HAS BEEN PREVIOUSLY INSTALLED AS REINFORCED CONCRETE PIPE CONFORMING TO ASTM C76 WITH JOINTS CONFORMING TO ASTM C361 OR ASTM C443.

FAIRWAY DRIVE



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CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

FAIRWAY DRIVE STA. 90+00 TO STA. 94+50 PLAN AND PROFILE

SCALE: HORIZ 1"=20' / VERT 1"=5'

PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	15
CHECKED - LMS		
DATE - 10/19/2023		

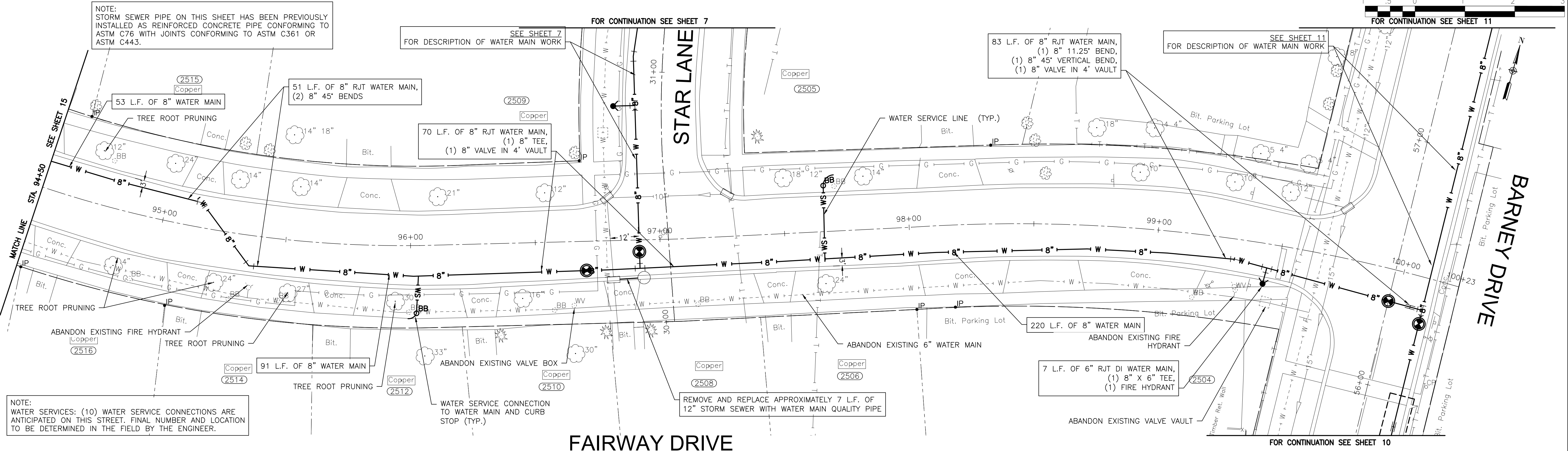
FINAL DESIGN
FOR BIDDING

NOTE:
STORM SEWER PIPE ON THIS SHEET HAS BEEN PREVIOUSLY
INSTALLED AS REINFORCED CONCRETE PIPE CONFORMING TO
ASTM C76 WITH JOINTS CONFORMING TO ASTM C361 OR
ASTM C443.

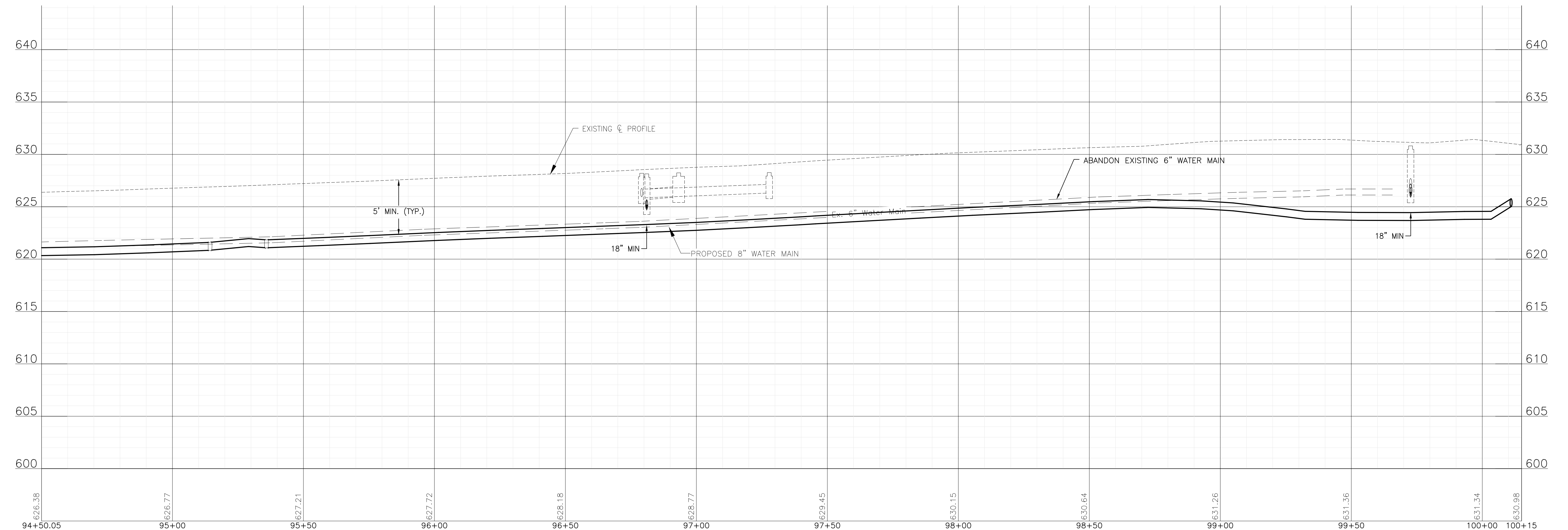
SEE SHEET 7
FOR DESCRIPTION OF WATER MAIN WORK

83 L.F. OF 8" RJT WATER MAIN,
(1) 8" 11.25' BEND,
(1) 8" 45' VERTICAL BEND,
(1) 8" VALVE IN 4' VAULT

SEE SHEET 11
FOR DESCRIPTION OF WATER MAIN WORK



NOTE:
WATER SERVICES: (10) WATER SERVICE CONNECTIONS ARE
ANTICIPATED ON THIS STREET. FINAL NUMBER AND LOCATION
TO BE DETERMINED IN THE FIELD BY THE ENGINEER.



P:\JOLI\221587-2024 WATER MAIN SURV\CAD\PARVIEW NORTH\01_CIVIL_3D\01_SHTS-PLANS-221587-PARVIEW NORTH_DESIGN_SHEETS.DWG 94+50.05
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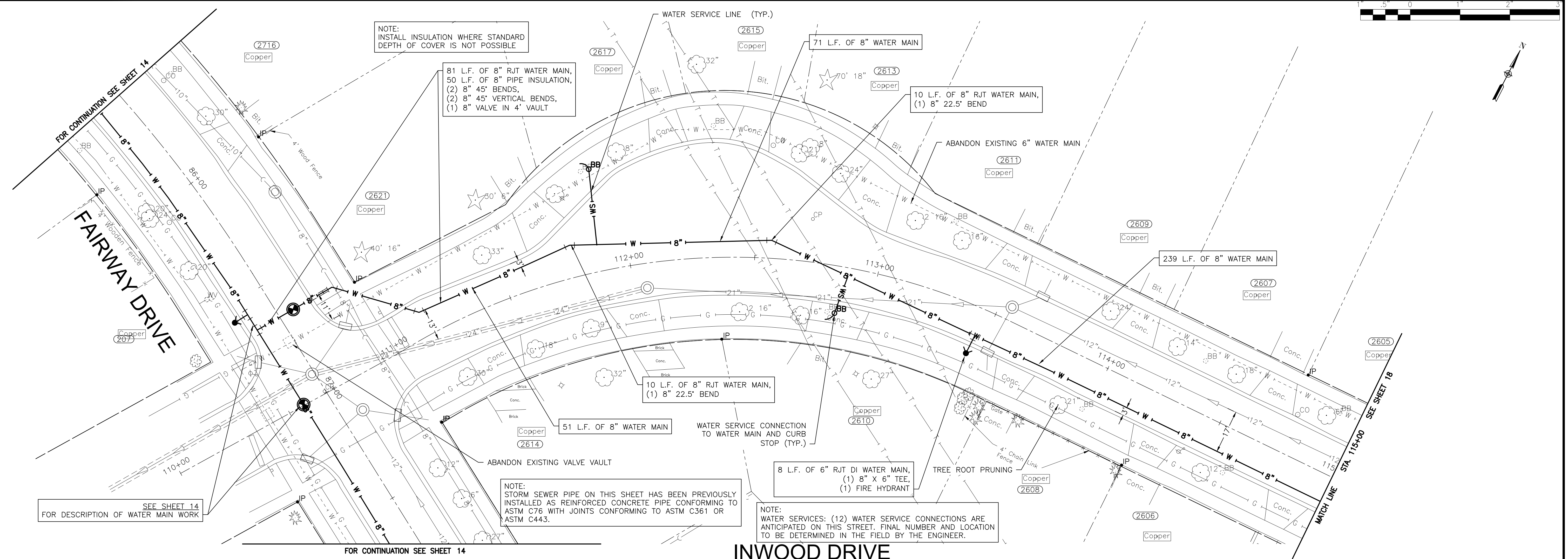
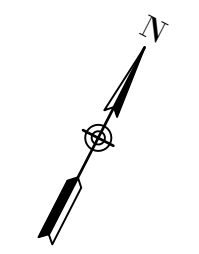
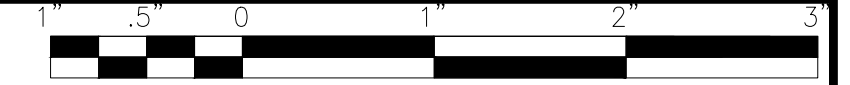


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CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

FAIRWAY DRIVE STA. 94+50 TO STA. 100+50 PLAN AND PROFILE		DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
		DRAWN - JJS/ABN	39	16
		CHECKED - LMS		
SCALE:	HORIZ 1"=20' / VERT 1"=5'	PROJECT NO:	221587.40	
		DATE	10/19/2023	

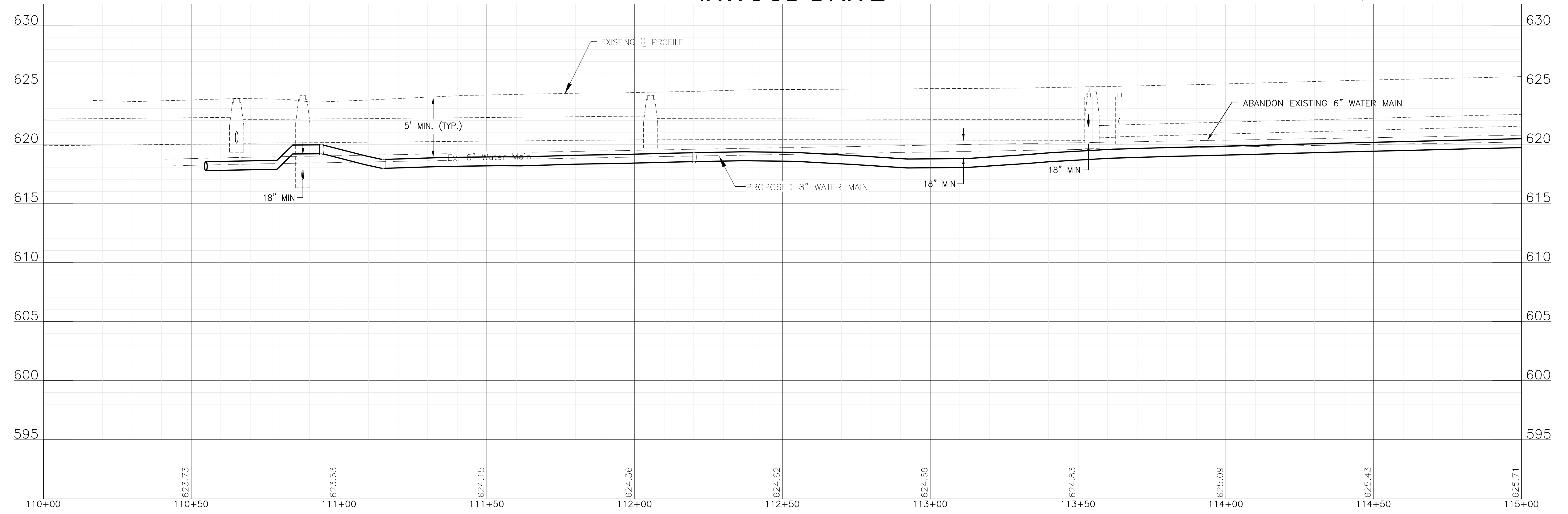
FINAL DESIGN FOR BIDDING



SEE SHEET 14 FOR DESCRIPTION OF WATER MAIN WORK

FOR CONTINUATION SEE SHEET 14

INWOOD DRIVE



FINAL DESIGN FOR BIDDING

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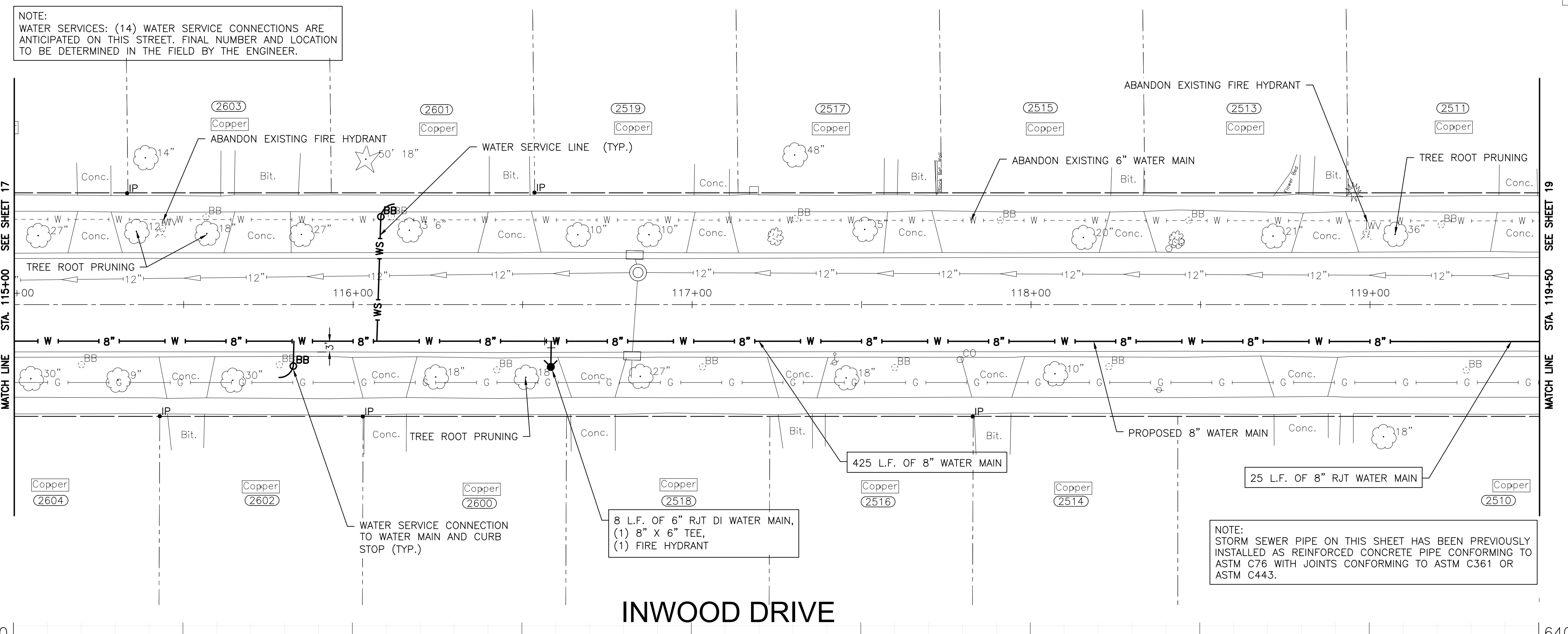
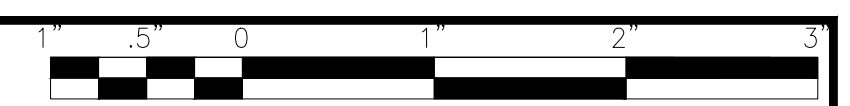
CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

INWOOD DRIVE STA. 110+00 TO STA. 115+00 PLAN AND PROFILE

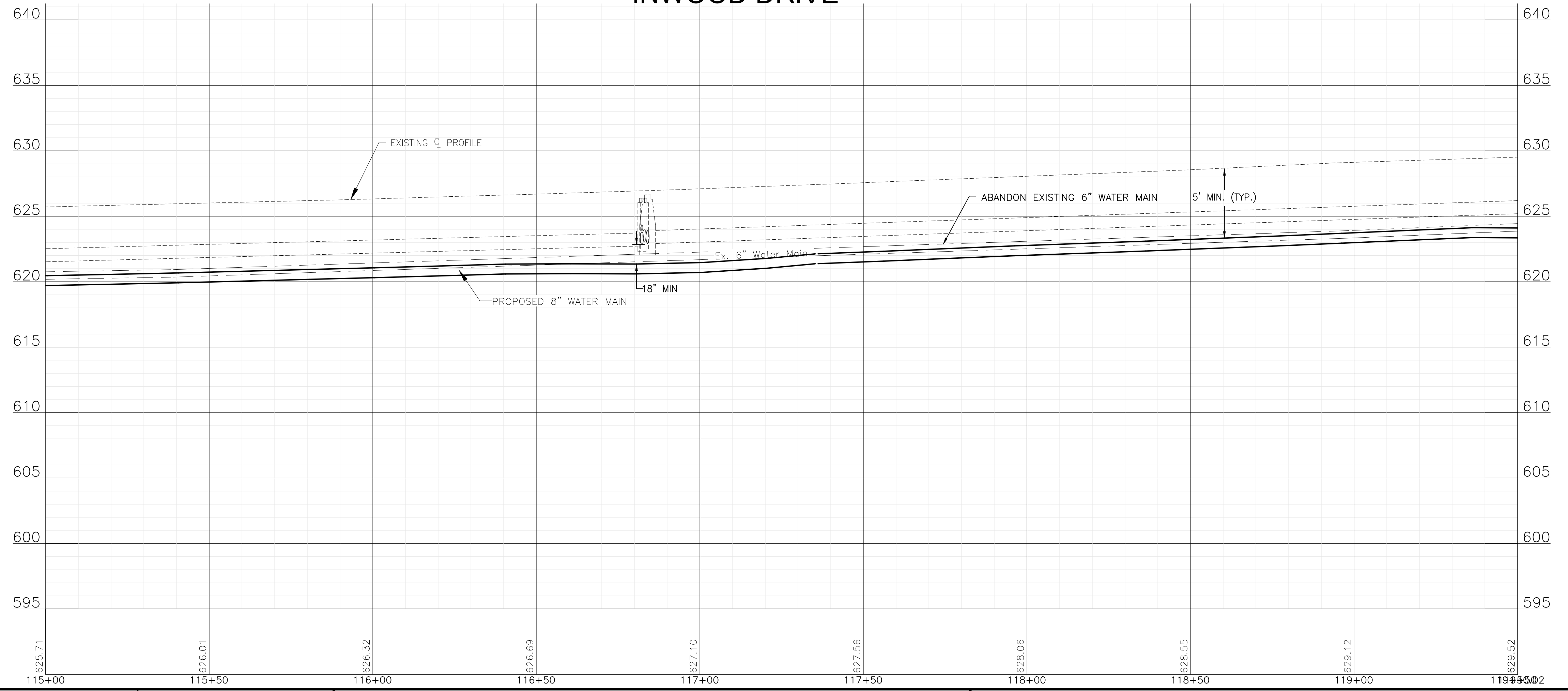
SCALE: HORIZ 1"=20' / VERT 1"=5'

PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	17
CHECKED - LMS		
DATE - 10/19/2023		



INWOOD DRIVE



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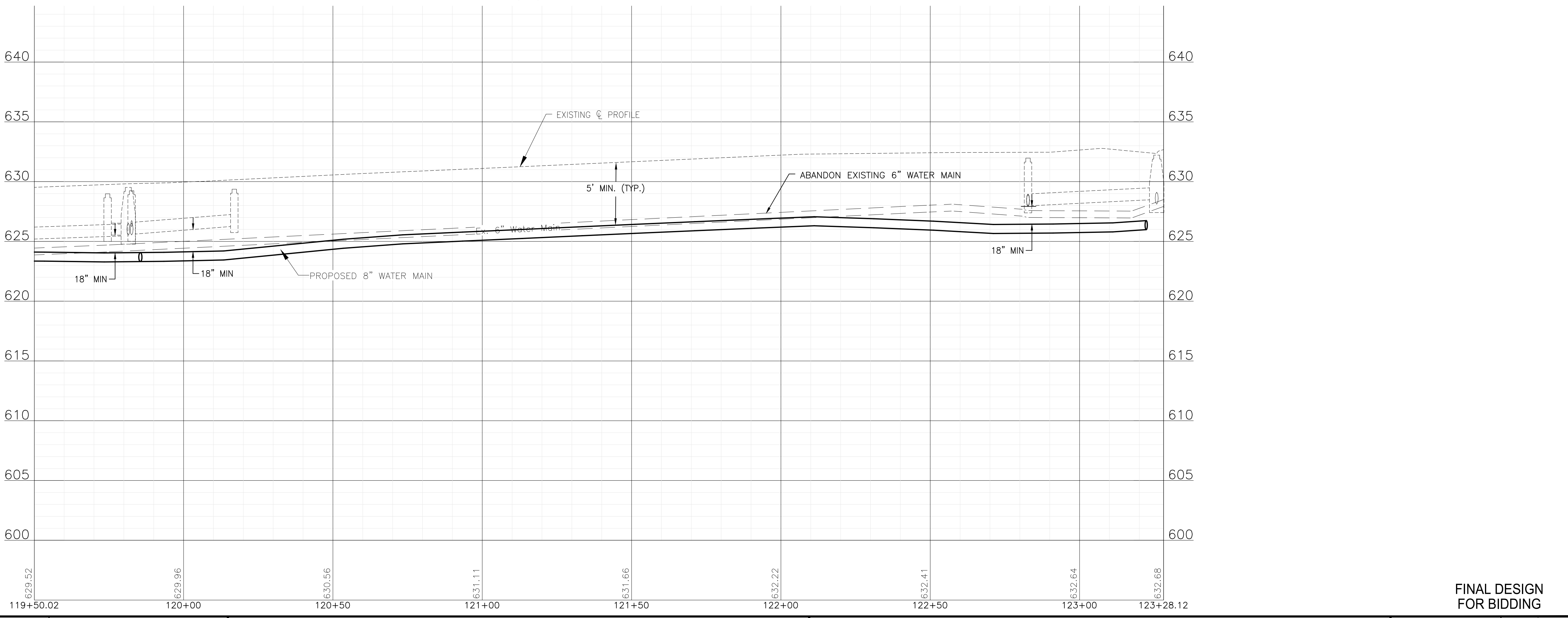
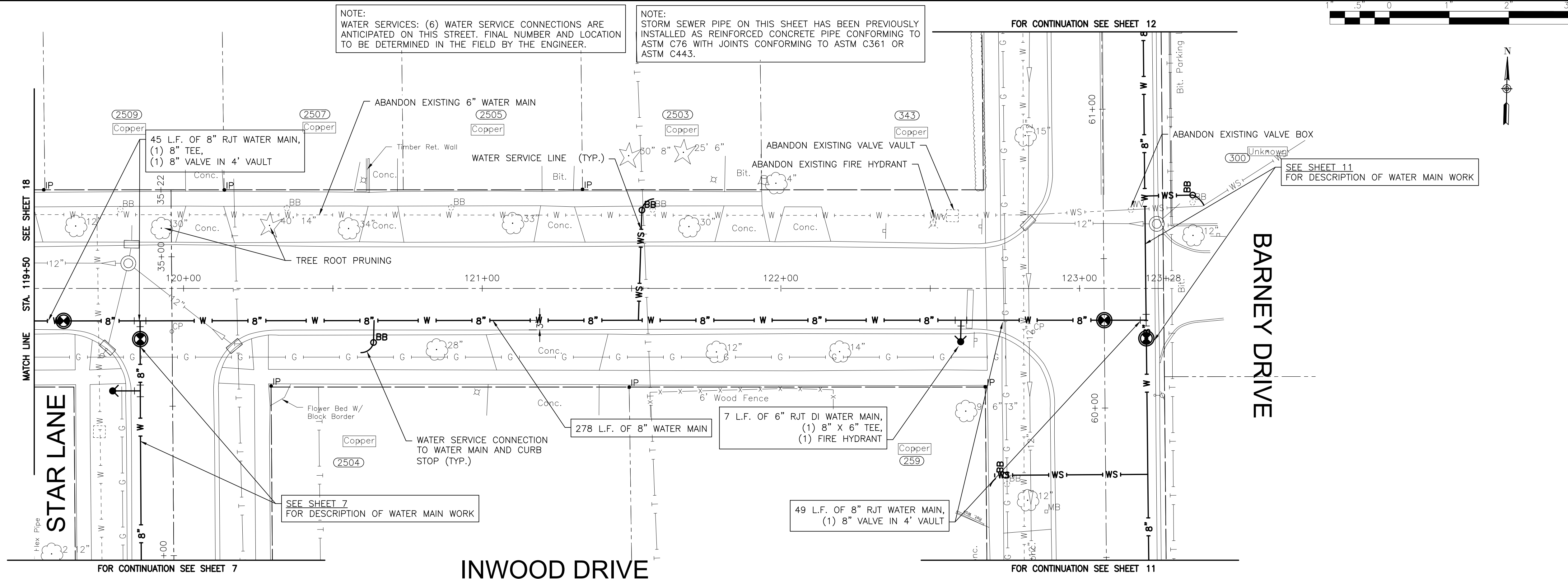
CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

INWOOD DRIVE STA. 115+00 TO STA. 119+50 PLAN AND PROFILE
 SCALE: HORIZ 1"=20' / VERT 1"=5'
 PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	18
CHECKED - LMS		
DATE - 10/19/2023		

FINAL DESIGN FOR BIDDING

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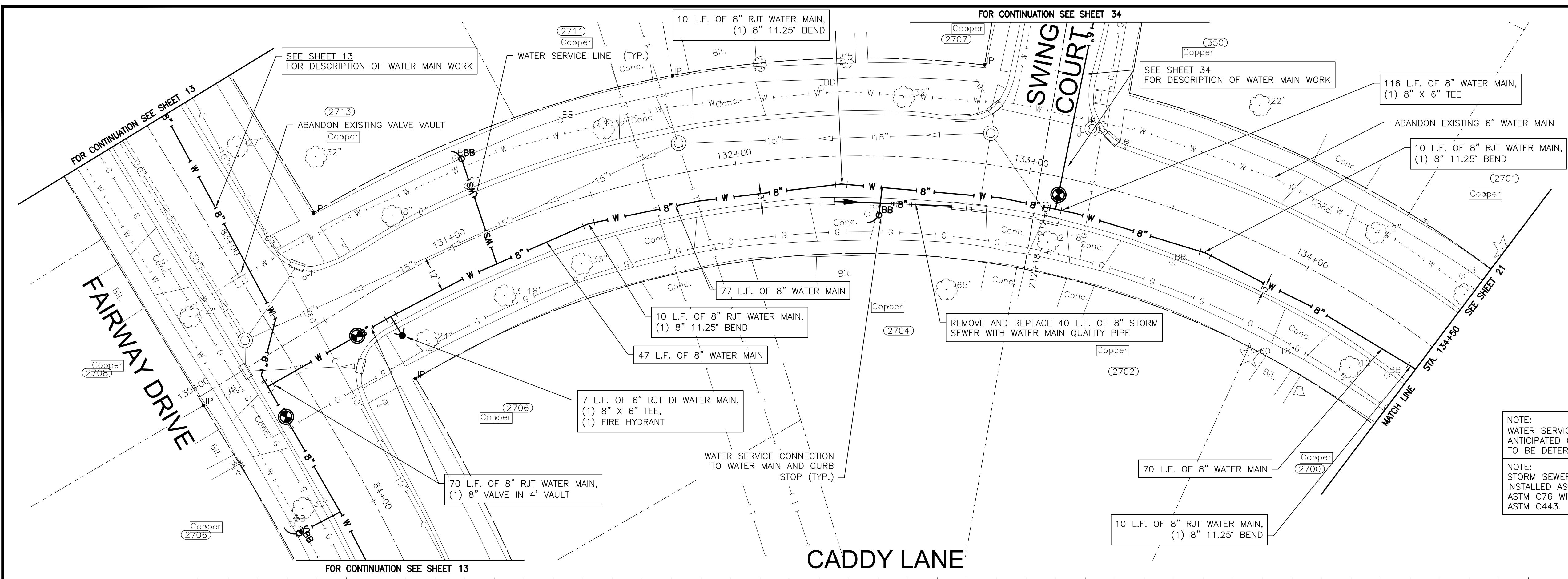
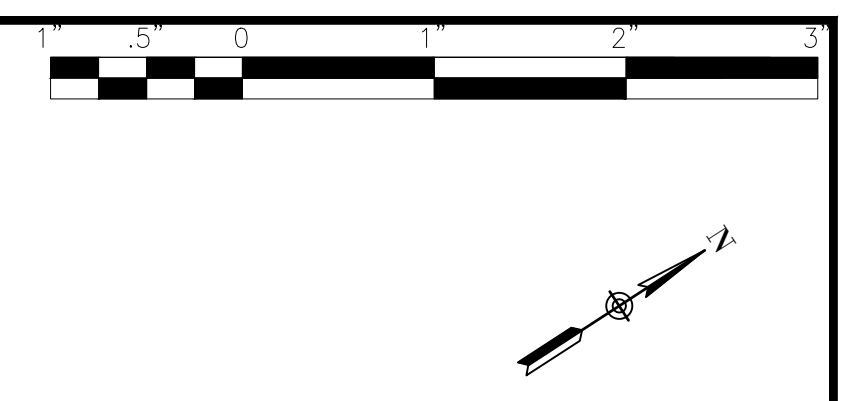


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CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

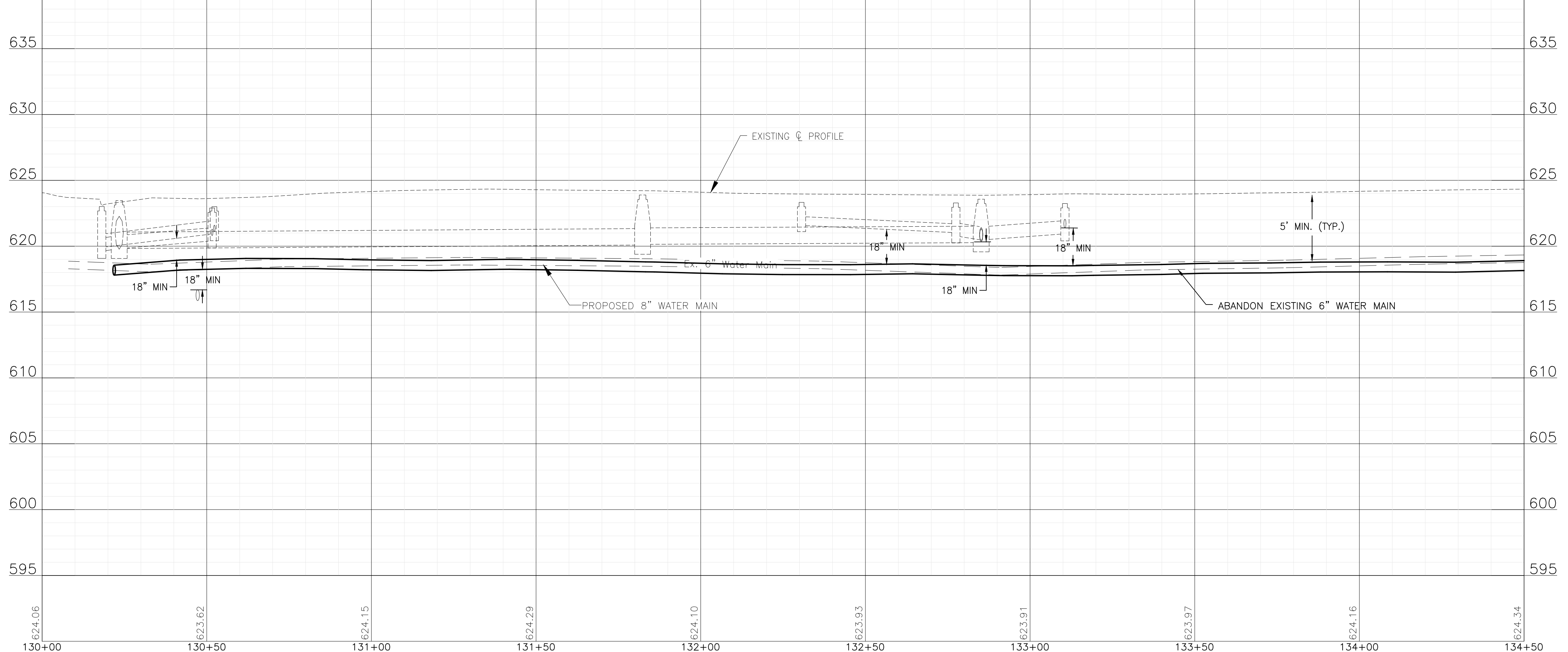
INWOOD DRIVE STA. 119+50 TO STA. 124+00 PLAN AND PROFILE		DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
		DRAWN - JJS/ABN	39	19
		CHECKED - LMS		
SCALE: HORIZ 1"=20' / VERT 1"=5'		PROJECT NO: 221587.40	DATE - 10/19/2023	

FINAL DESIGN
FOR BIDDING



NOTE:
WATER SERVICES: (8) WATER SERVICE CONNECTIONS ARE ANTICIPATED ON THIS STREET. FINAL NUMBER AND LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

NOTE:
STORM SEWER PIPE ON THIS SHEET HAS BEEN PREVIOUSLY INSTALLED AS REINFORCED CONCRETE PIPE CONFORMING TO ASTM C76 WITH JOINTS CONFORMING TO ASTM C361 OR ASTM C443.



P:\JOLI\221587-2024 WATER MAIN SURV\CAD\PARKVIEW NORTH\01_CIVIL_3D\01_SHTS-PLANS-PLANS\221587-PARKVIEW NORTH_DESIGN_SHEETS.DWG 130+00.00
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CITY OF JOLIET CONTRACT NO. 2773-0124

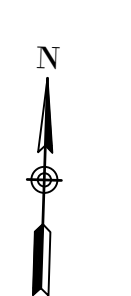
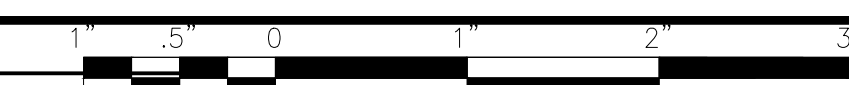
CADDY LANE STA. 130+00 TO STA. 134+50 PLAN AND PROFILE

SCALE: HORIZ 1"=20' / VERT 1"=5' PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	20
CHECKED - LMS		
DATE - 10/19/2023		

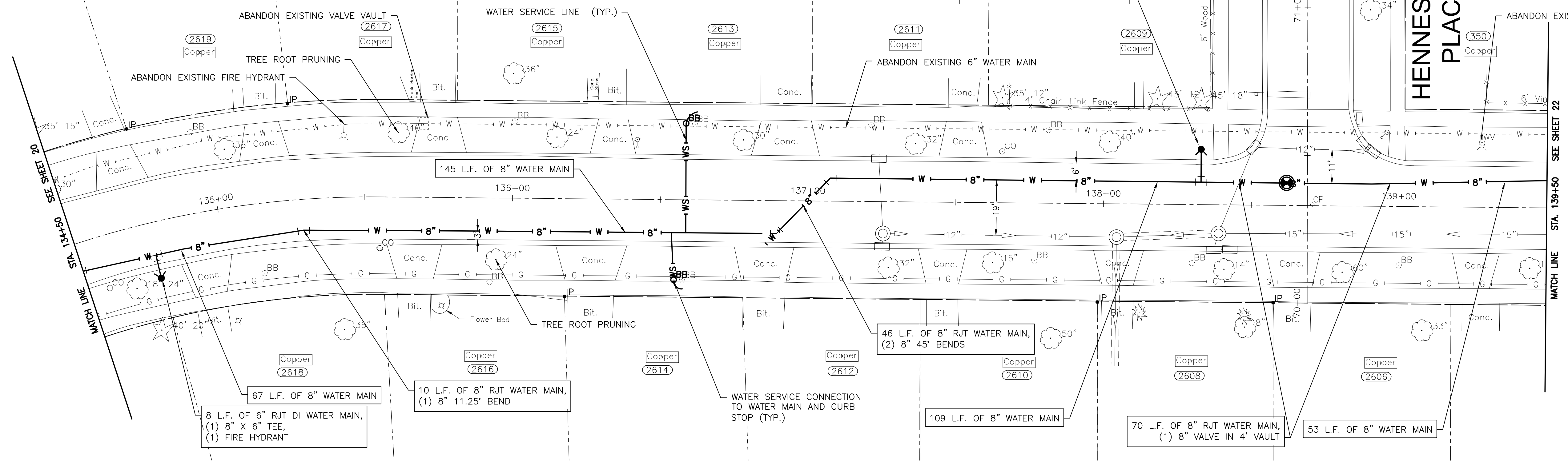
FINAL DESIGN
FOR BIDDING

FOR CONTINUATION SEE SHEET ##

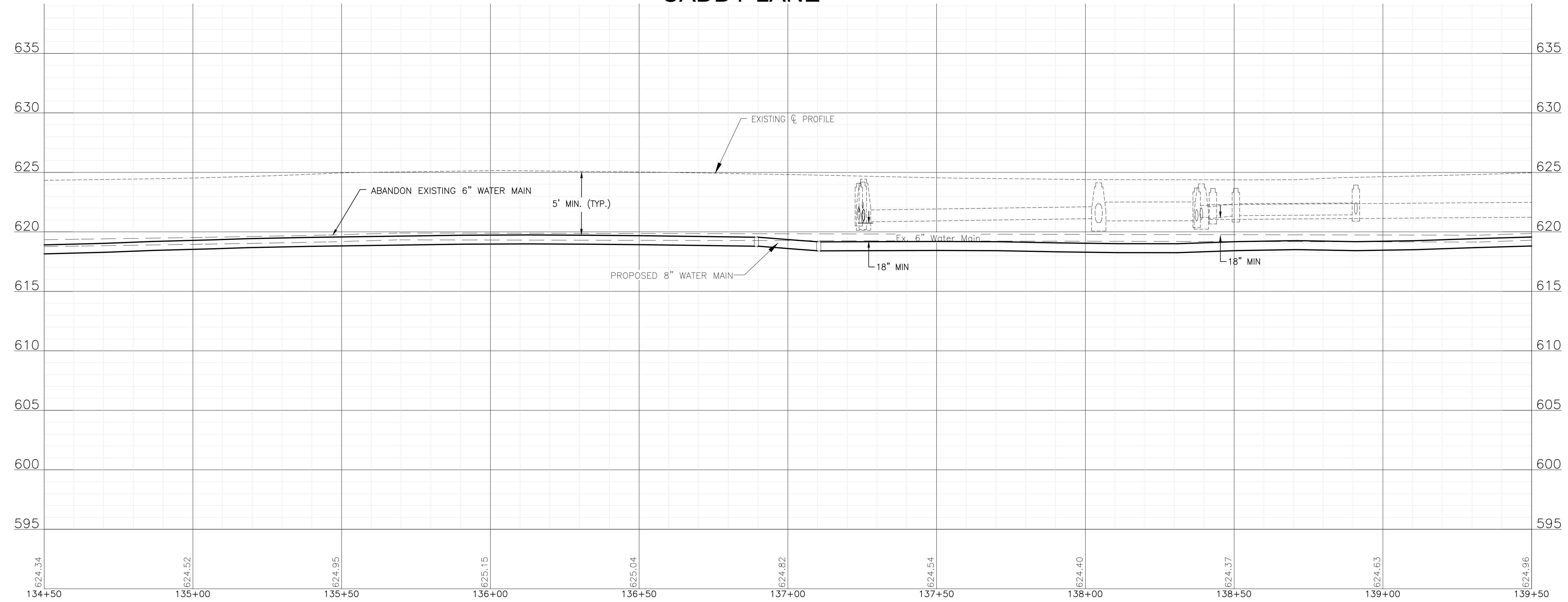


NOTE: STORM SEWER PIPE ON THIS SHEET HAS BEEN PREVIOUSLY INSTALLED AS REINFORCED CONCRETE PIPE CONFORMING TO ASTM C76 WITH JOINTS CONFORMING TO ASTM C361 OR ASTM C443.

NOTE: WATER SERVICES: (14) WATER SERVICE CONNECTIONS ARE ANTICIPATED ON THIS STREET. FINAL NUMBER AND LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER.



CADDY LANE



FINAL DESIGN FOR BIDDING

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CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

CADDY LANE STA. 134+50 TO STA. 139+50 PLAN AND PROFILE		DESIGNED - RMM	TOTAL SHEETS	39
SCALE: HORIZ 1"=20' / VERT 1"=5'	PROJECT NO: 221587.40	DRAWN - JJS/ABN	SHEET NO.	21
		CHECKED - LMS		
		DATE - 10/19/2023		

NOTE:
STORM SEWER PIPE ON THIS SHEET HAS BEEN PREVIOUSLY
INSTALLED AS REINFORCED CONCRETE PIPE CONFORMING TO
ASTM C76 WITH JOINTS CONFORMING TO ASTM C361 OR
ASTM C443.

WATER SERVICE CONNECTION
TO WATER MAIN AND CURB
STOP (TYP.)

8 L.F. OF 6" RJT DI WATER MAIN,
(1) 8" X 6" TEE,
(1) FIRE HYDRANT

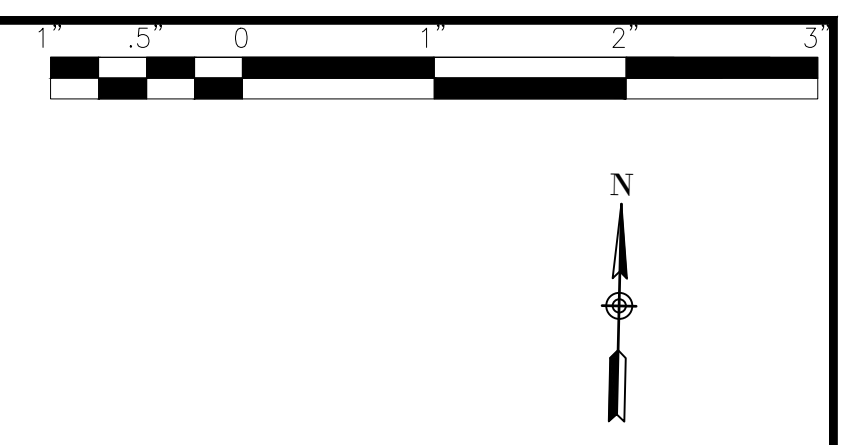
ABANDON EXISTING VALVE BOX

ABANDON EXISTING FIRE HYDRANT

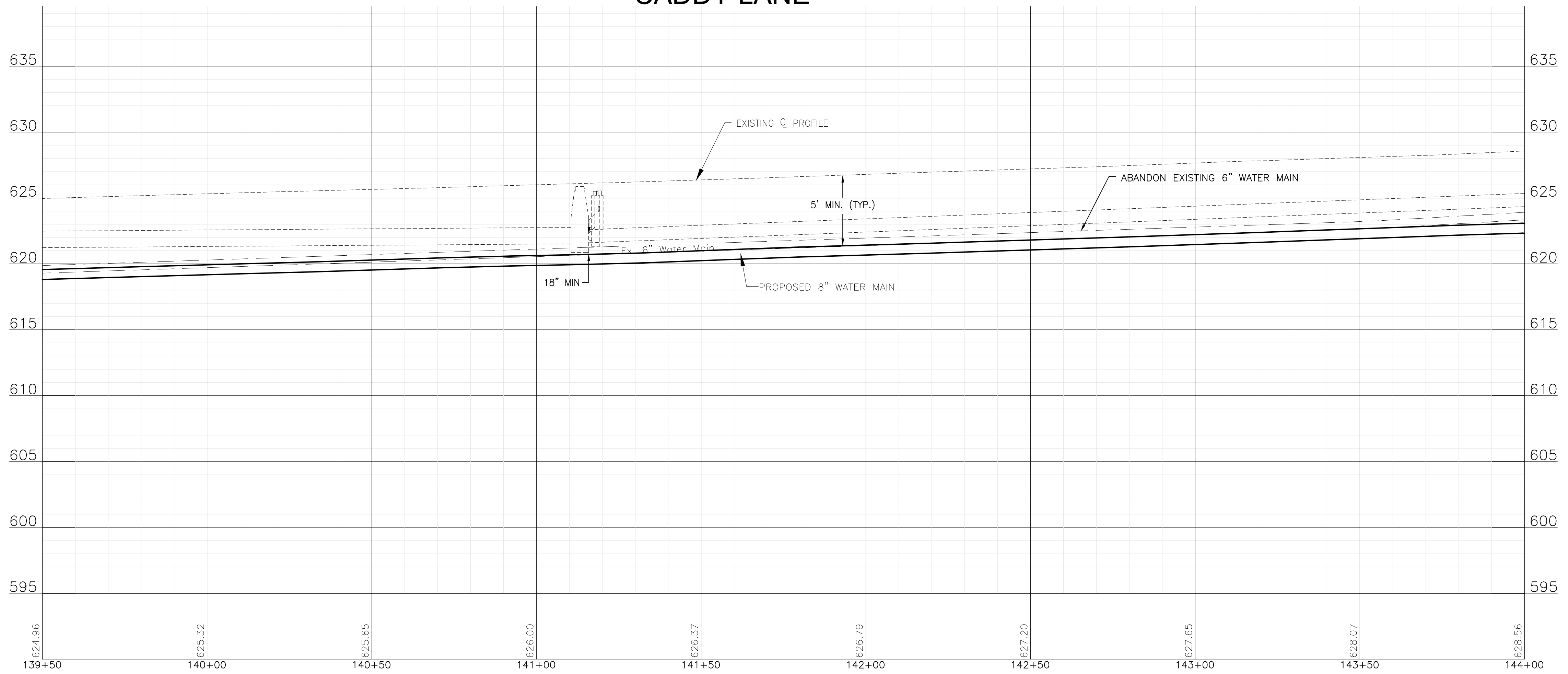
MATCH LINE STA. 139+50 SEE SHEET 21

MATCH LINE STA. 144+00 SEE SHEET 23

NOTE:
WATER SERVICES: (15) WATER SERVICE CONNECTIONS ARE
ANTICIPATED ON THIS STREET. FINAL NUMBER AND LOCATION
TO BE DETERMINED IN THE FIELD BY THE ENGINEER.



CADDY LANE



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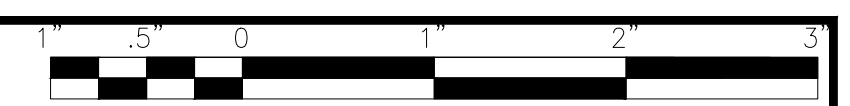
CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

CADDY LANE STA. 139+50 TO STA. 144+00 PLAN AND PROFILE

SCALE: HORIZ 1"=20' / VERT 1"=5'

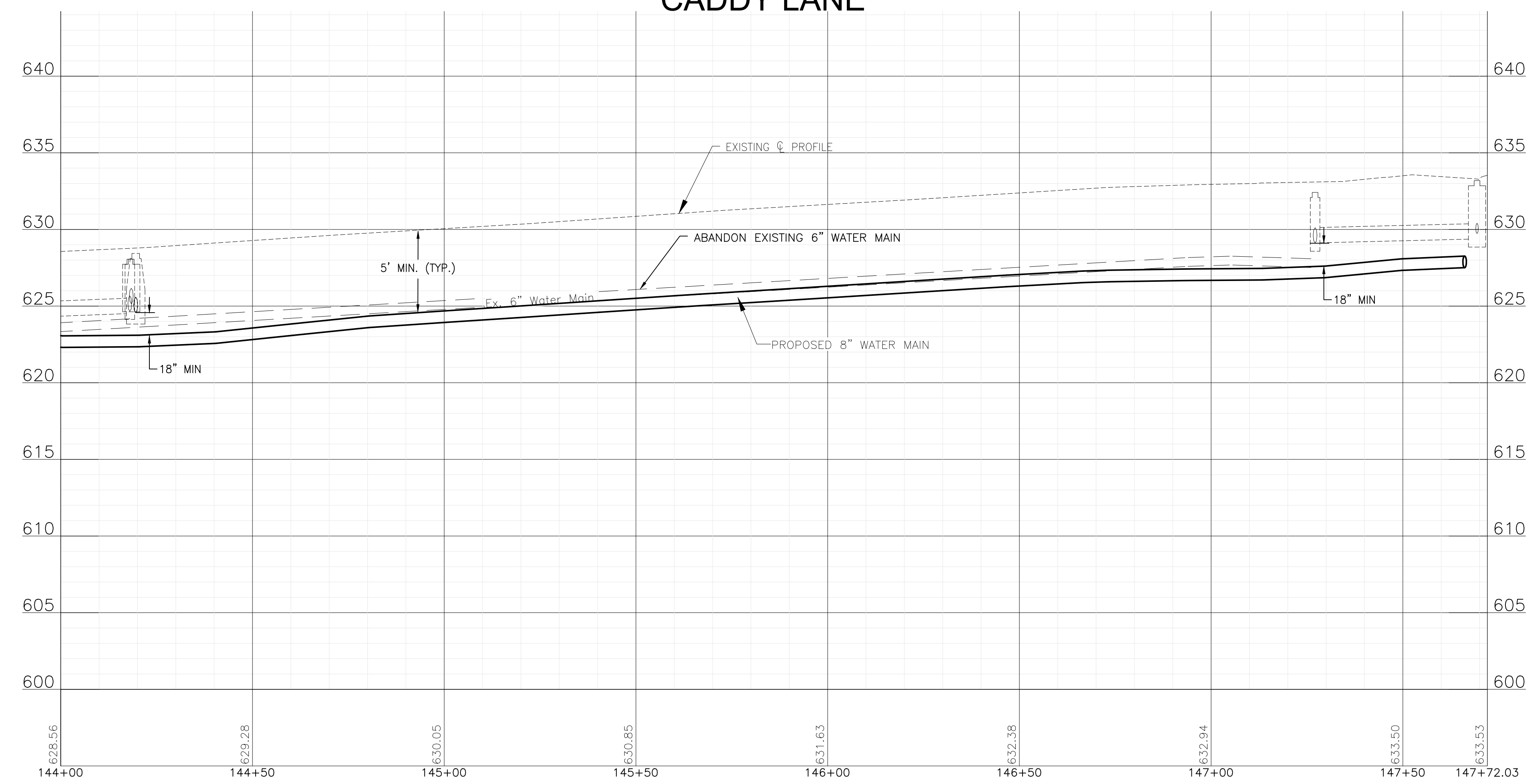
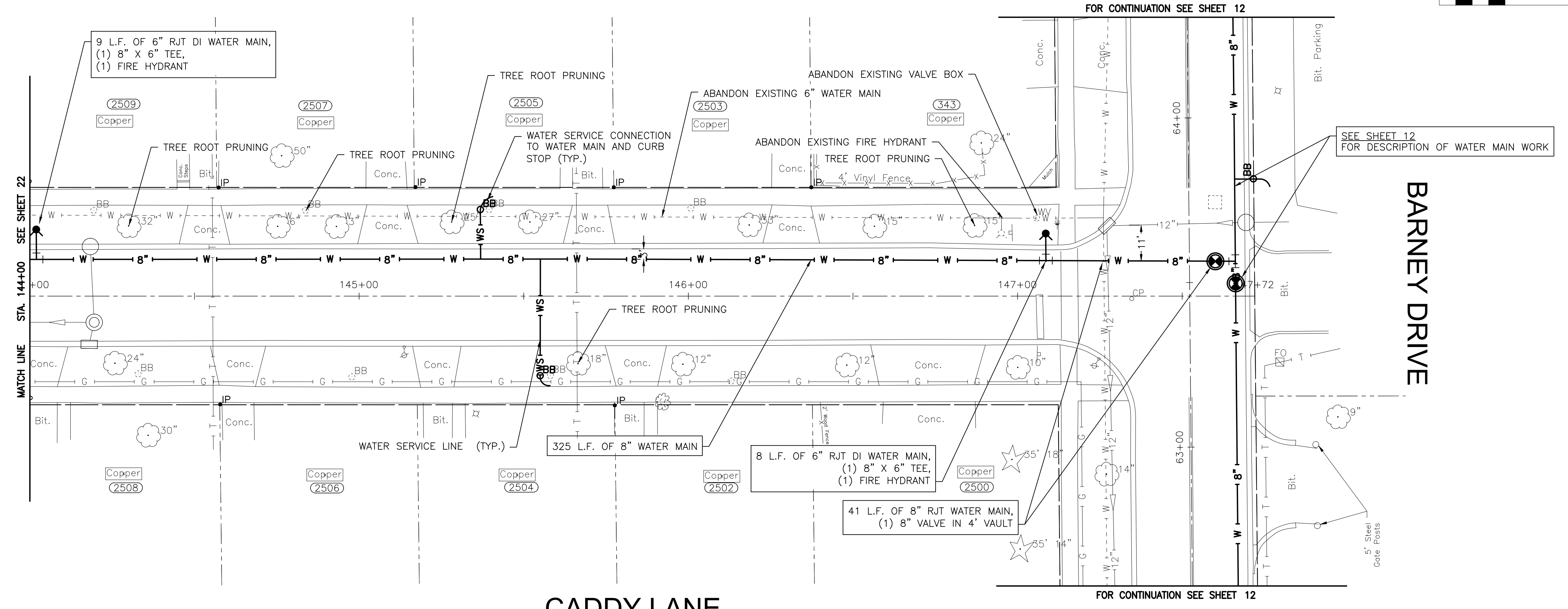
PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	22
CHECKED - LMS		
DATE - 10/19/2023		



NOTE:
WATER SERVICES: (10) WATER SERVICE CONNECTIONS ARE ANTICIPATED ON THIS STREET. FINAL NUMBER AND LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

NOTE:
STORM SEWER PIPE ON THIS SHEET HAS BEEN PREVIOUSLY INSTALLED AS REINFORCED CONCRETE PIPE CONFORMING TO ASTM C76 WITH JOINTS CONFORMING TO ASTM C361 OR ASTM C443.



P:\JOLI\221587-2024 WATER MAIN SURV\CAD\DRAWING\PLANS\221587-PARKVIEW NORTH_DESIGN_SHEETS.DWG 144+00.00
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CITY OF JOLIET CONTRACT NO. 2773-0124

CADDY LANE STA. 144+00 TO STA. 149+00 PLAN AND PROFILE

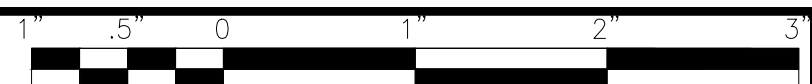
SCALE: HORIZ 1"=20' / VERT 1"=5' PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	23
CHECKED - LMS		
DATE - 10/19/2023		

FINAL DESIGN FOR BIDDING

NOTE:
WATER SERVICES: (2) WATER SERVICE CONNECTIONS ARE ANTICIPATED ON THIS STREET. FINAL NUMBER AND LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

NOTE:
STORM SEWER PIPE SMALLER THAN 24" DIAMETER ON THIS SHEET HAS BEEN PREVIOUSLY INSTALLED AS REINFORCED CONCRETE PIPE CONFORMING TO ASTM C78 WITH JOINTS CONFORMING TO ASTM C361 OR ASTM C443.



40 L.F. OF 16" RJT DI WATER MAIN,
(2) 16" 45° BENDS,
(2) 16" 45° VERTICAL BENDS,
(1) 16" VALVE IN 5' VAULT

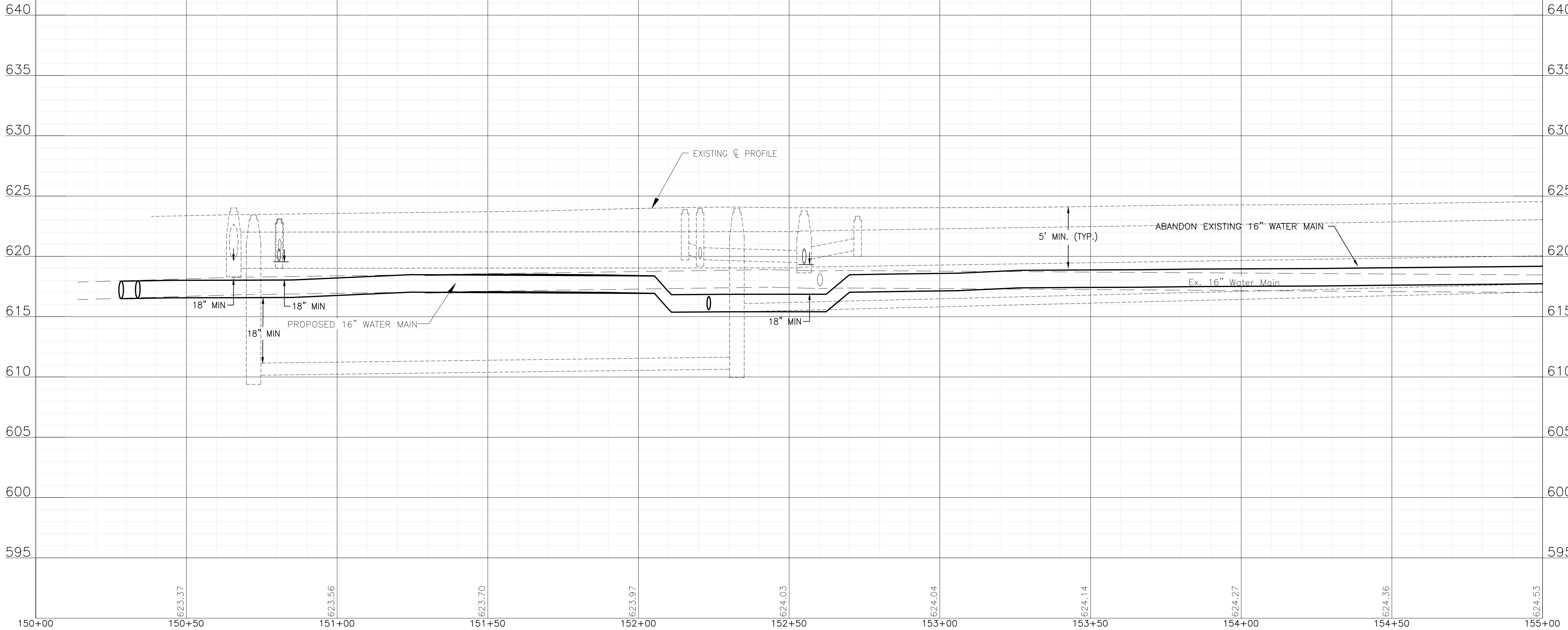
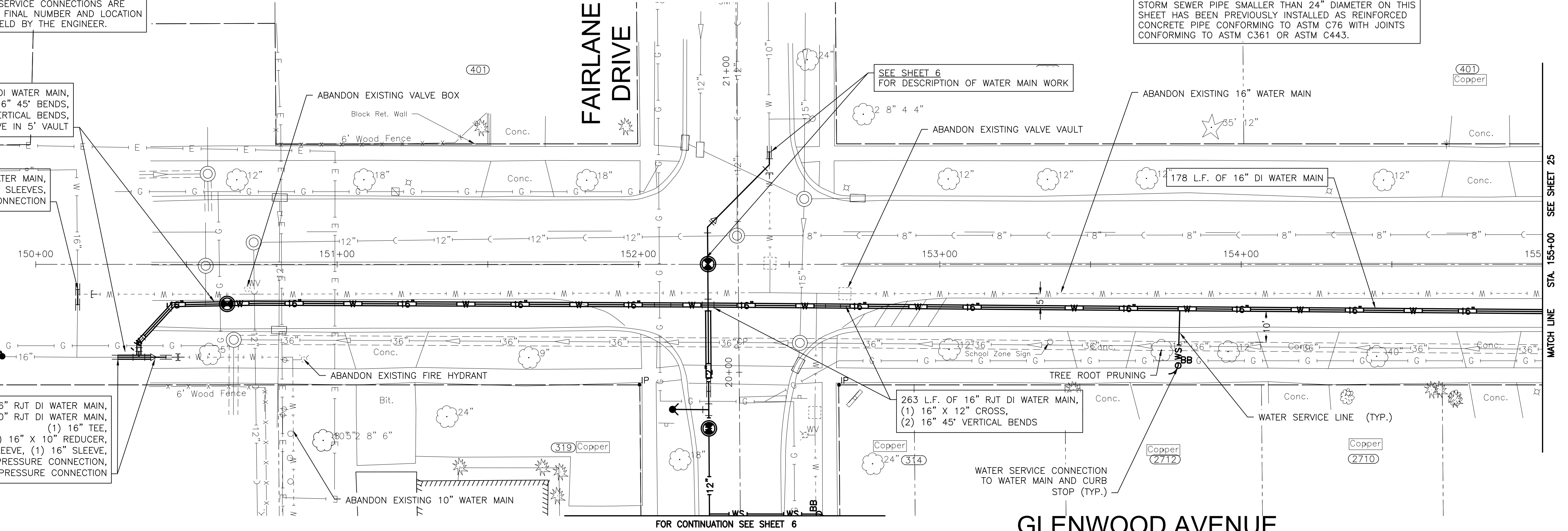
5 L.F. OF 16" RJT DI WATER MAIN,
(2) 16" SLEEVES,
(1) 16" NON-PRESSURE CONNECTION

(1) 16" LINE STOP

11 L.F. OF 16" RJT DI WATER MAIN,
5 L.F. OF 10" RJT DI WATER MAIN,
(1) 16" TEE,
(1) 16" X 10" REDUCER,
(1) 10" SLEEVE, (1) 16" SLEEVE,
(1) 10" NON-PRESSURE CONNECTION,
(1) 16" NON-PRESSURE CONNECTION

SEE SHEET 6
FOR DESCRIPTION OF WATER MAIN WORK

263 L.F. OF 16" RJT DI WATER MAIN,
(1) 16" X 12" CROSS,
(2) 16" 45° VERTICAL BENDS



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PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

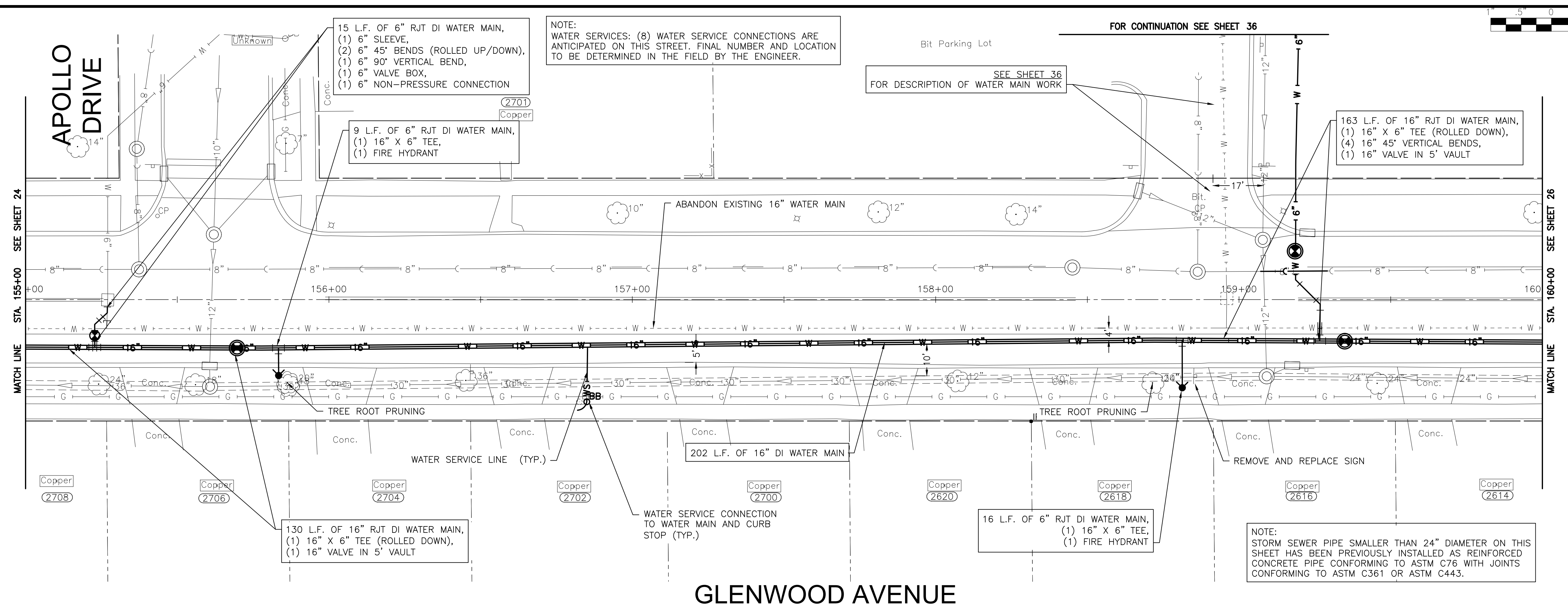
GLENWOOD AVENUE STA. 150+00 TO STA. 155+00 PLAN AND PROFILE

SCALE: HORIZ 1"=20' / VERT 1"=5'

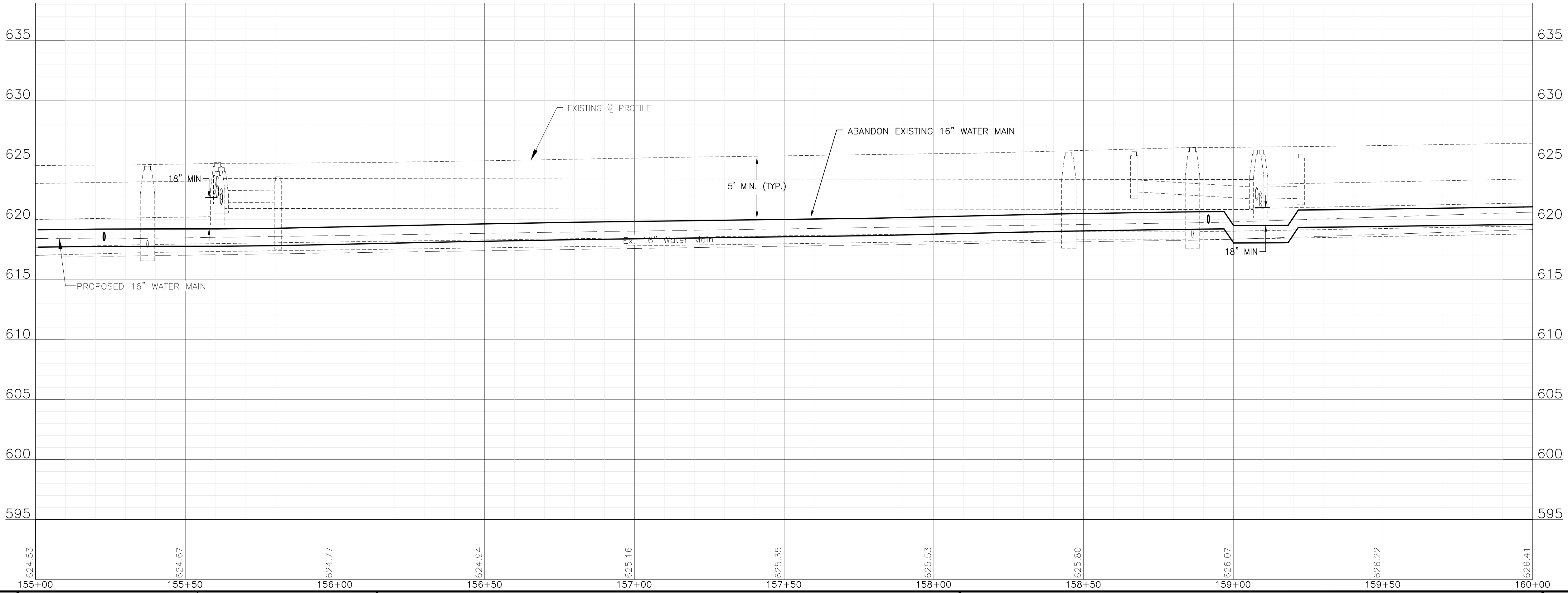
PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	24
CHECKED - LMS		
DATE - 10/19/2023		

FINAL DESIGN FOR BIDDING



GLENWOOD AVENUE



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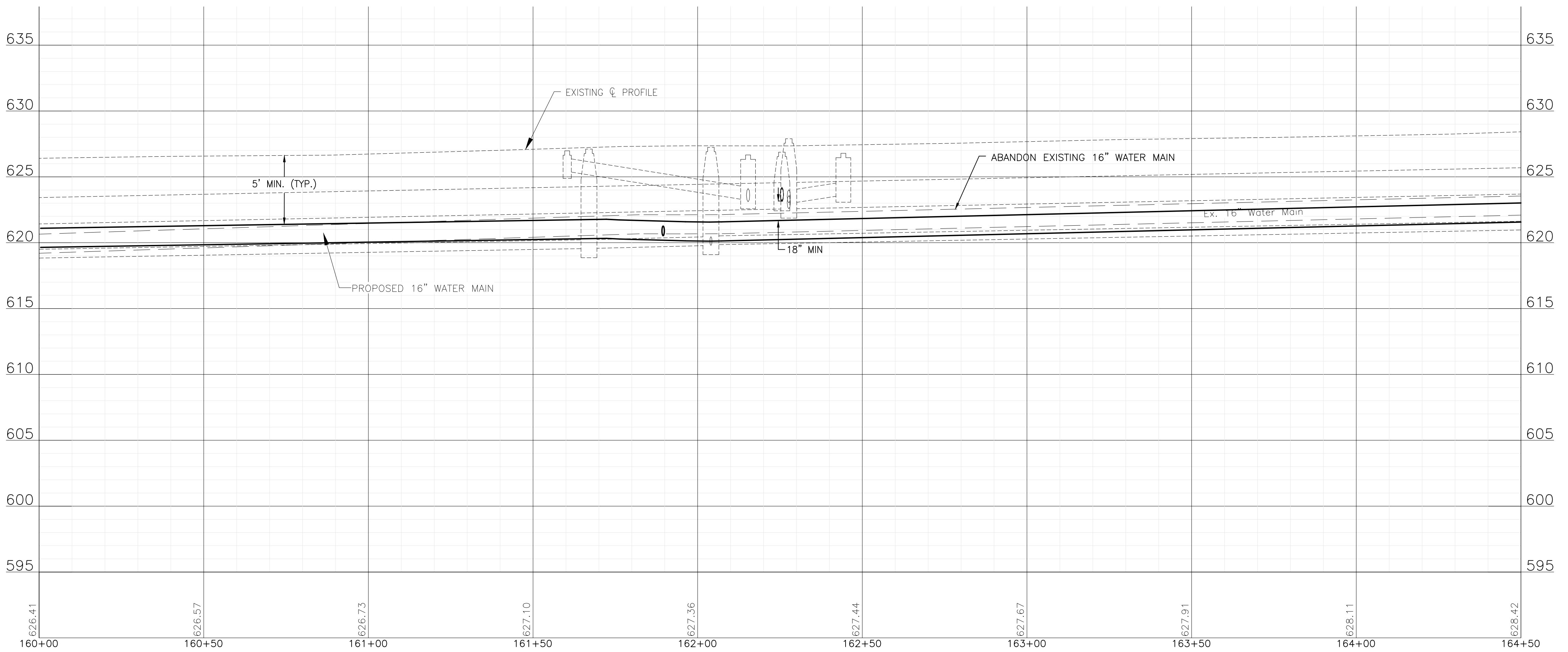
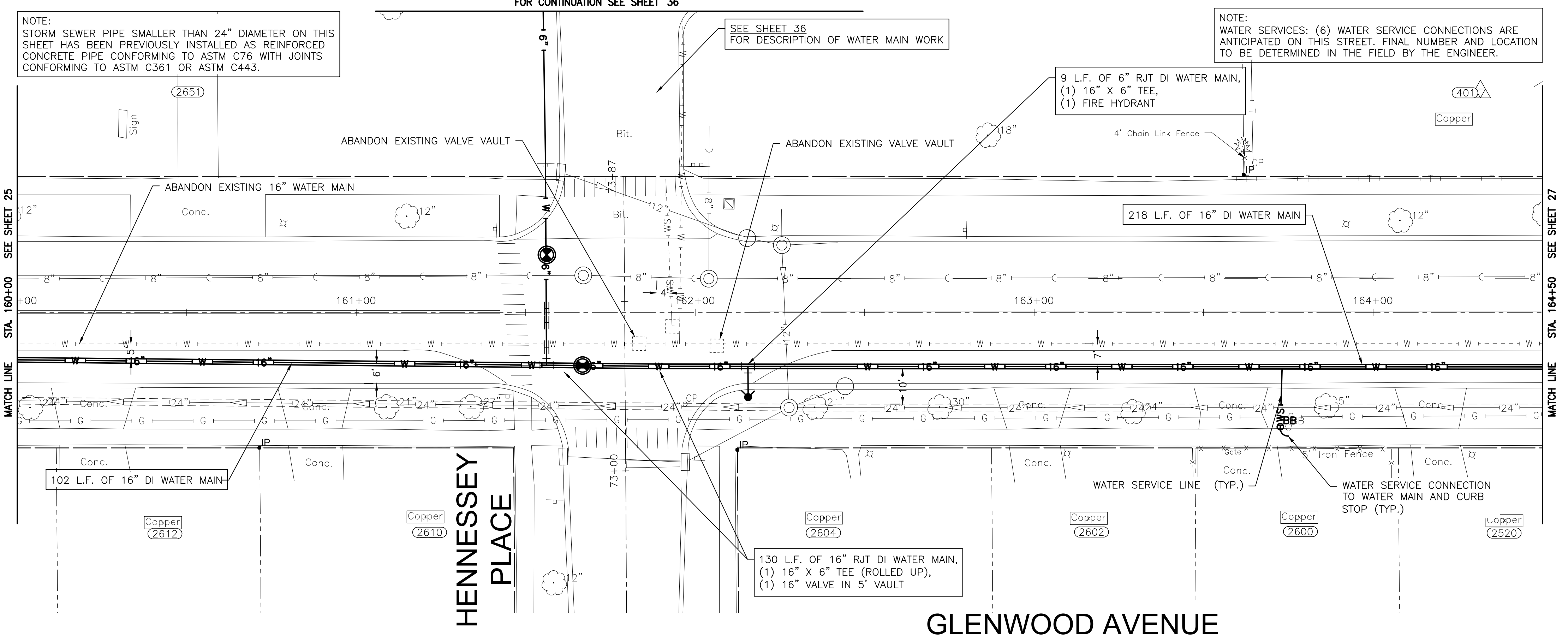
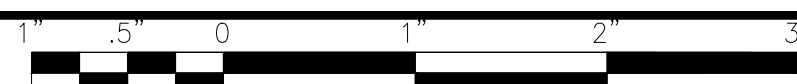
CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

GLENWOOD AVENUE STA. 155+00 TO STA. 160+00 PLAN AND PROFILE

SCALE: HORIZ 1"=20' / VERT 1"=5'
 PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	25
CHECKED - LMS		
DATE - 10/19/2023		

FINAL DESIGN FOR BIDDING



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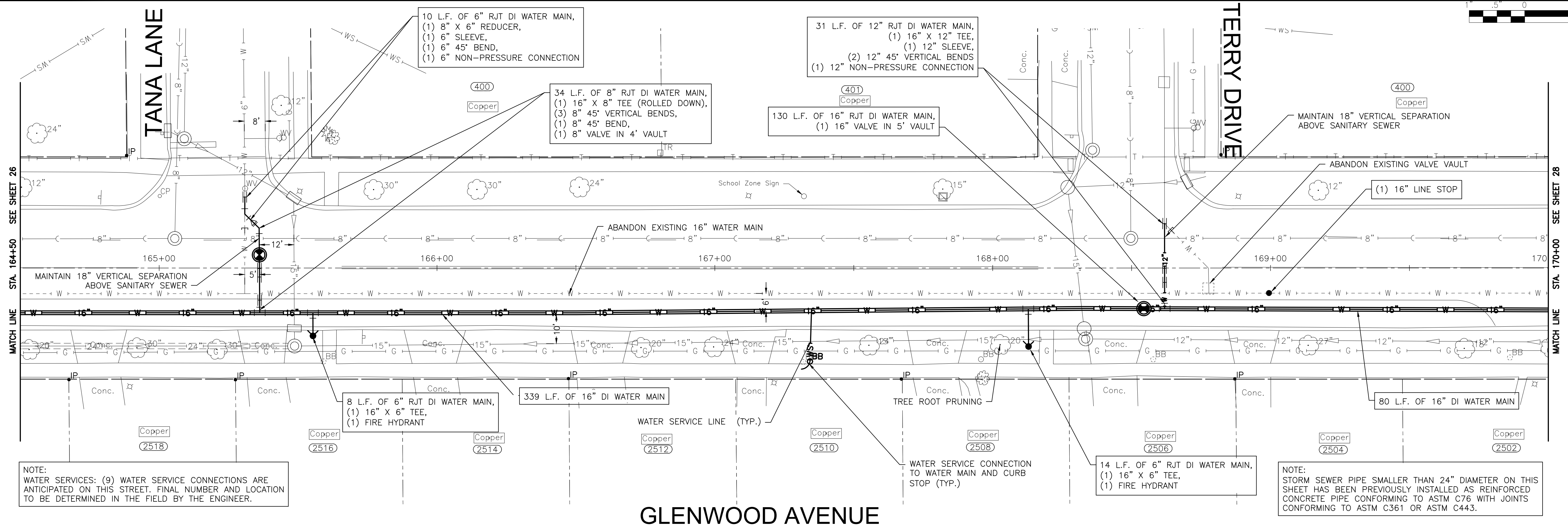
CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

GLENWOOD AVENUE STA. 160+00 TO STA. 164+50 PLAN AND PROFILE	
SCALE: HORIZ 1"=20' / VERT 1"=5'	PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	26
CHECKED - LMS		
DATE - 10/19/2023		

FINAL DESIGN FOR BIDDING

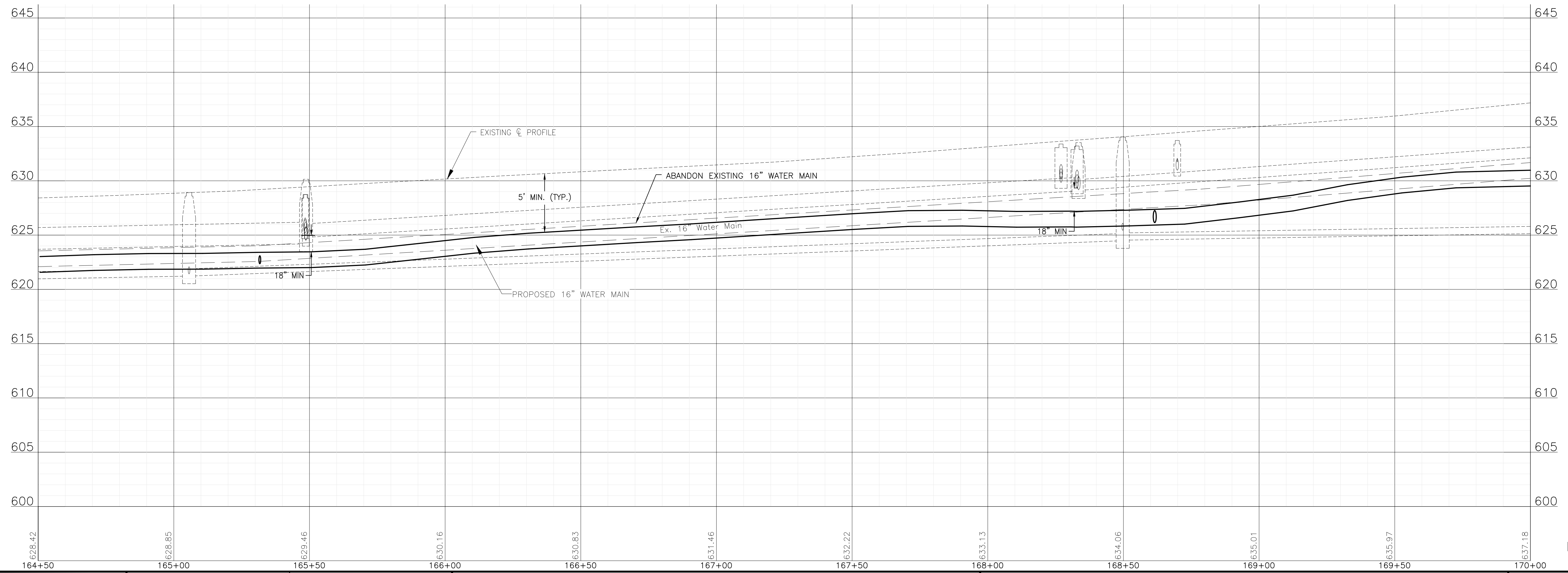
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NOTE:
 WATER SERVICES: (9) WATER SERVICE CONNECTIONS ARE ANTICIPATED ON THIS STREET. FINAL NUMBER AND LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

NOTE:
 STORM SEWER PIPE SMALLER THAN 24" DIAMETER ON THIS SHEET HAS BEEN PREVIOUSLY INSTALLED AS REINFORCED CONCRETE PIPE CONFORMING TO ASTM C76 WITH JOINTS CONFORMING TO ASTM C361 OR ASTM C443.

GLENWOOD AVENUE



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	REVISED -

CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

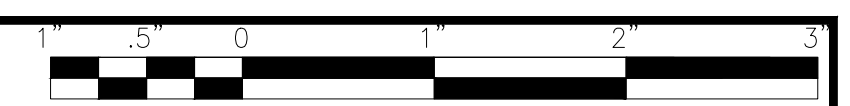
GLENWOOD AVENUE STA. 164+50 TO STA. 170+00 PLAN AND PROFILE

SCALE: HORIZ 1"=20' / VERT 1"=5'

PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	27
CHECKED - LMS		
DATE - 10/19/2023		

FINAL DESIGN FOR BIDDING



NOTE:
STORM SEWER PIPE SMALLER THAN 24" DIAMETER ON THIS SHEET HAS BEEN PREVIOUSLY INSTALLED AS REINFORCED CONCRETE PIPE CONFORMING TO ASTM C76 WITH JOINTS CONFORMING TO ASTM C361 OR ASTM C443.

NOTE:
WATER SERVICES: (4) WATER SERVICE CONNECTIONS ARE ANTICIPATED ON THIS STREET. FINAL NUMBER AND LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

130 L.F. OF 16" RJT DI WATER MAIN,
(1) 16" X 8" TEE,
(1) 16" VALVE IN 5' VAULT

WATER SERVICE CONNECTION TO WATER MAIN AND CURB STOP (TYP.)

ANTICIPATED 1.5" WATER SERVICE LINE (BUSINESS SERVICE)

ABANDON EXISTING FIRE HYDRANT

ANTICIPATED 2" WATER SERVICE LINE (BUSINESS SERVICE)

ANTICIPATED 1.5" WATER SERVICE LINE (BUSINESS SERVICE)

MATCH LINE STA. 170+00 SEE SHEET 27

MATCH LINE STA. 175+00 SEE SHEET 29

BARNEY DRIVE

9 L.F. OF 6" RJT DI WATER MAIN,
(1) 16" X 6" TEE,
(1) FIRE HYDRANT

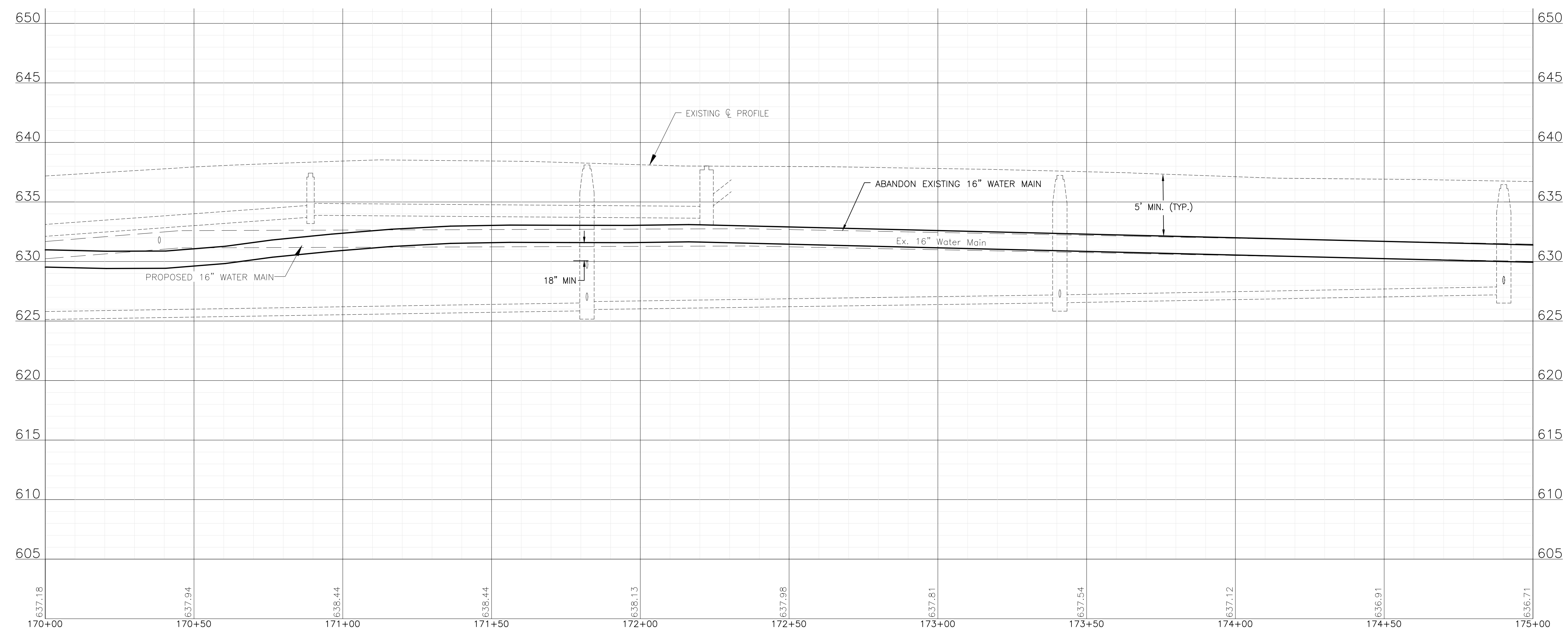
7 L.F. OF 6" RJT DI WATER MAIN,
(1) 16" X 6" TEE,
(1) FIRE HYDRANT

371 L.F. OF 16" DI WATER MAIN

SEE SHEET 12 FOR DESCRIPTION OF WATER MAIN WORK

FOR CONTINUATION SEE SHEET 12

GLENWOOD AVENUE



P:\JOLIET\221587-2024 WATER MAIN SURV\CAD\PARVIEW NORTH\01_CIVIL_3D\01_SHTS-PLANS\221587-PARKVIEW NORTH_DESIGN_SHEETS.DWG 170+00.00
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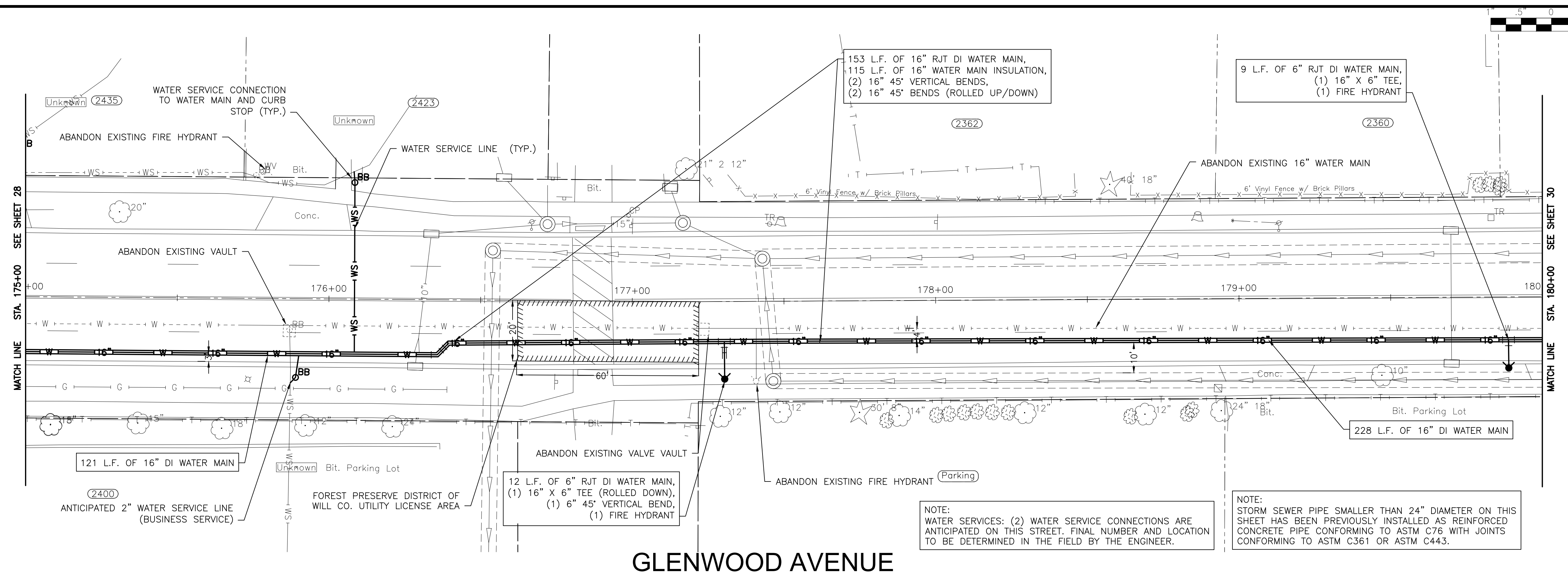
CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

GLENWOOD AVENUE STA. 170+00 TO STA. 175+00 PLAN AND PROFILE

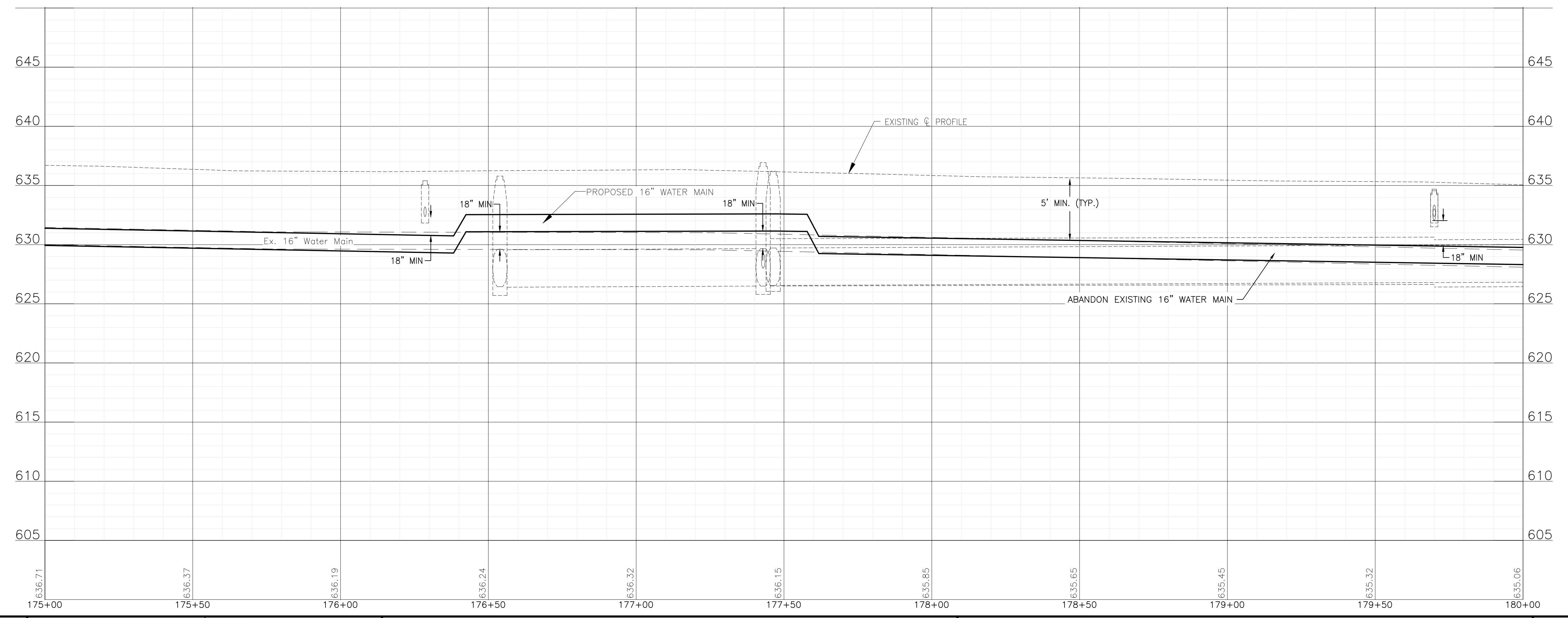
SCALE: HORIZ 1"=20' / VERT 1"=5'

PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	28
CHECKED - LMS		
DATE - 10/19/2023		



GLENWOOD AVENUE



NOTE:
WATER SERVICES: (2) WATER SERVICE CONNECTIONS ARE ANTICIPATED ON THIS STREET. FINAL NUMBER AND LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

NOTE:
STORM SEWER PIPE SMALLER THAN 24" DIAMETER ON THIS SHEET HAS BEEN PREVIOUSLY INSTALLED AS REINFORCED CONCRETE PIPE CONFORMING TO ASTM C76 WITH JOINTS CONFORMING TO ASTM C361 OR ASTM C443.

P:\JOL\221587-2024 WATER MAIN SURV\CAD\PARVIEW NORTH\01_CIVIL_3D\01_SHTS-PLANS\221587-PARKVIEW NORTH_DESIGN_SHEETS.DWG 175+00.00
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CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

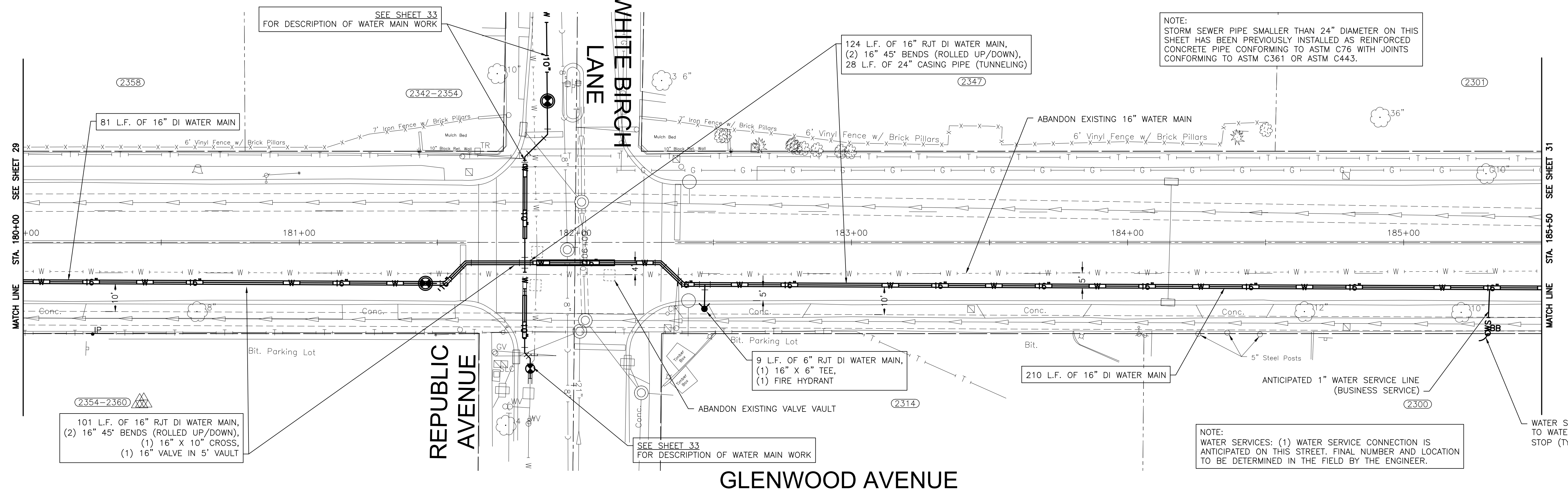
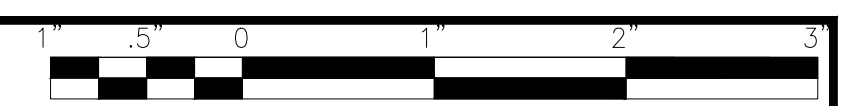
GLENWOOD AVENUE STA. 175+00 TO STA. 180+00 PLAN AND PROFILE

SCALE: HORIZ 1"=20' / VERT 1"=5'

PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	29
CHECKED - LMS		
DATE - 10/19/2023		

FINAL DESIGN FOR BIDDING

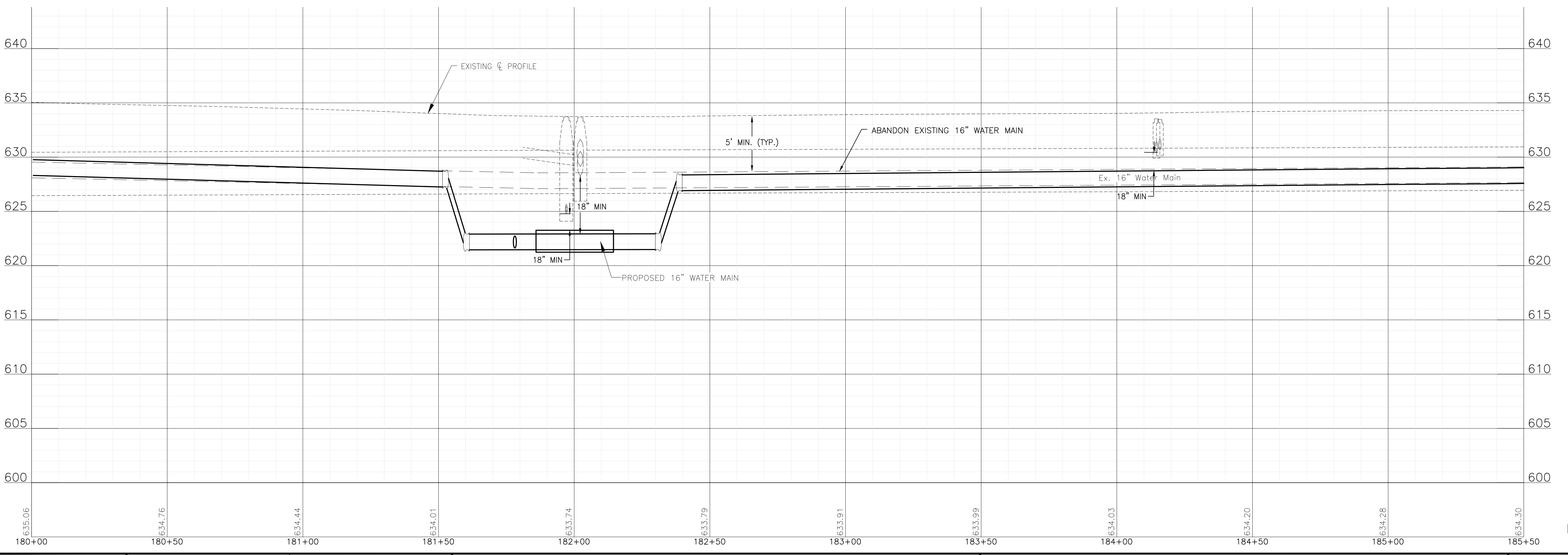


101 L.F. OF 16" RJT DI WATER MAIN,
(2) 16" 45° BENDS (ROLLED UP/DOWN),
(1) 16" X 10" CROSS,
(1) 16" VALVE IN 5' VAULT

124 L.F. OF 16" RJT DI WATER MAIN,
(2) 16" 45° BENDS (ROLLED UP/DOWN),
28 L.F. OF 24" CASING PIPE (TUNNELING)

NOTE:
STORM SEWER PIPE SMALLER THAN 24" DIAMETER ON THIS SHEET HAS BEEN PREVIOUSLY INSTALLED AS REINFORCED CONCRETE PIPE CONFORMING TO ASTM C76 WITH JOINTS CONFORMING TO ASTM C361 OR ASTM C443.

GLENWOOD AVENUE



FINAL DESIGN FOR BIDDING

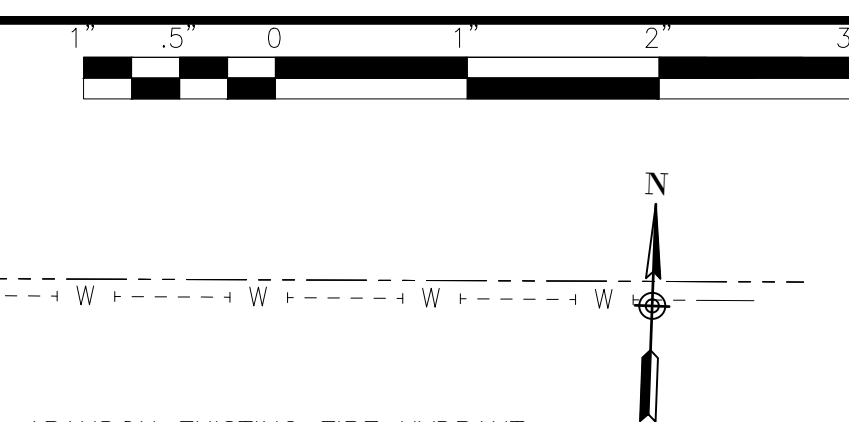
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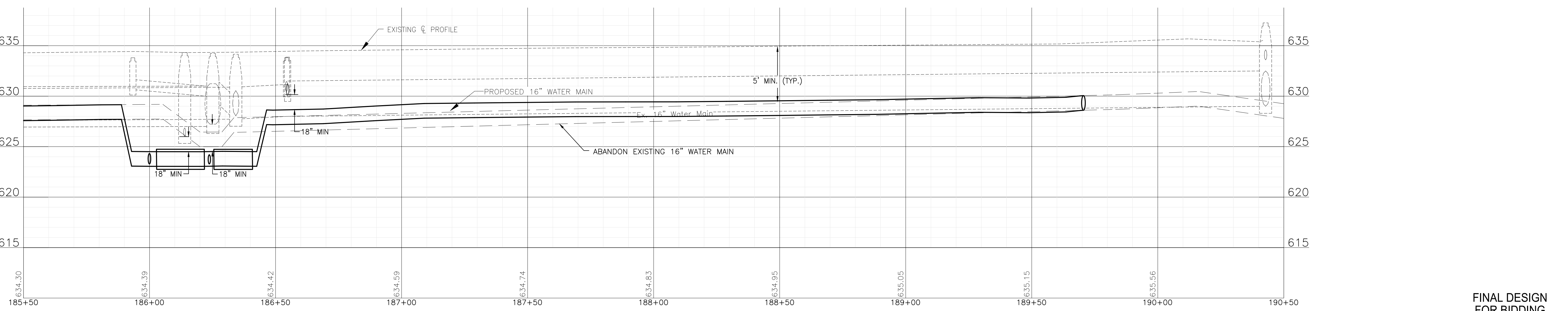
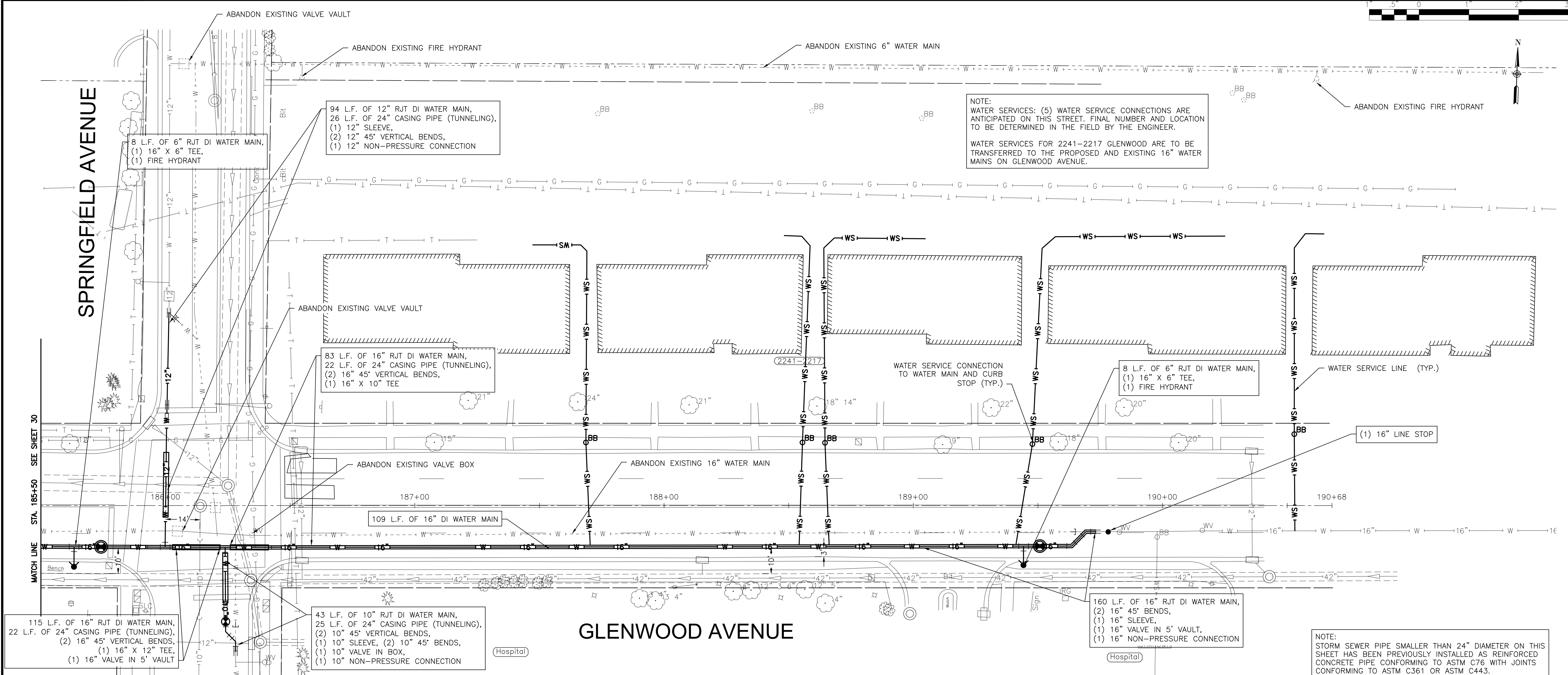
CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

GLENWOOD AVENUE STA. 180+00 TO STA. 185+50 PLAN AND PROFILE		DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
SCALE: HORIZ 1"=20' / VERT 1"=5'	PROJECT NO: 221587.40	DRAWN - JJS/ABN	39	30
	DATE - 10/19/2023	CHECKED - LMS		



SPRINGFIELD AVENUE

NOTE:
 WATER SERVICES: (5) WATER SERVICE CONNECTIONS ARE ANTICIPATED ON THIS STREET. FINAL NUMBER AND LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
 WATER SERVICES FOR 2241-2217 GLENWOOD ARE TO BE TRANSFERRED TO THE PROPOSED AND EXISTING 16" WATER MAINS ON GLENWOOD AVENUE.



NOTE:
 STORM SEWER PIPE SMALLER THAN 24" DIAMETER ON THIS SHEET HAS BEEN PREVIOUSLY INSTALLED AS REINFORCED CONCRETE PIPE CONFORMING TO ASTM C76 WITH JOINTS CONFORMING TO ASTM C361 OR ASTM C443.

P:\JOLIO\221587-2024 WATER MAIN SURV\CAD\PARKVIEW NORTH\01_CIVIL_3D\01_SHTS-PLANS\221587-PARKVIEW NORTH_DESIGN_SHEETS.DWG 185+50.00
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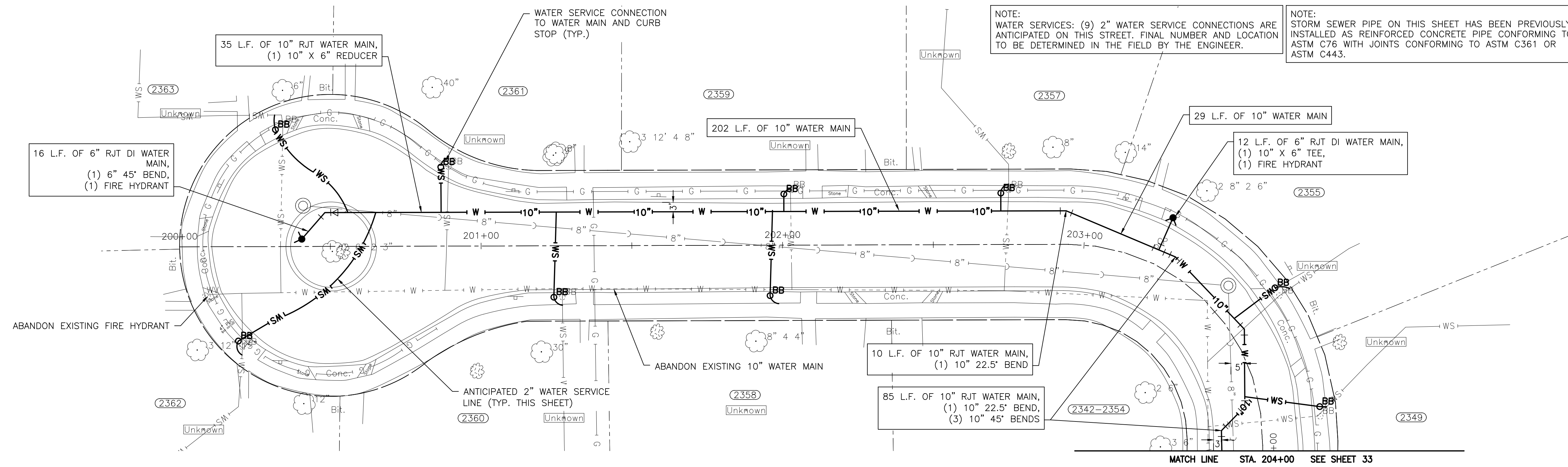
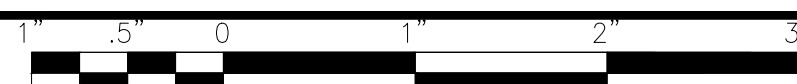
CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

GLENWOOD AVENUE STA. 185+50 TO STA. 195+50 PLAN AND PROFILE

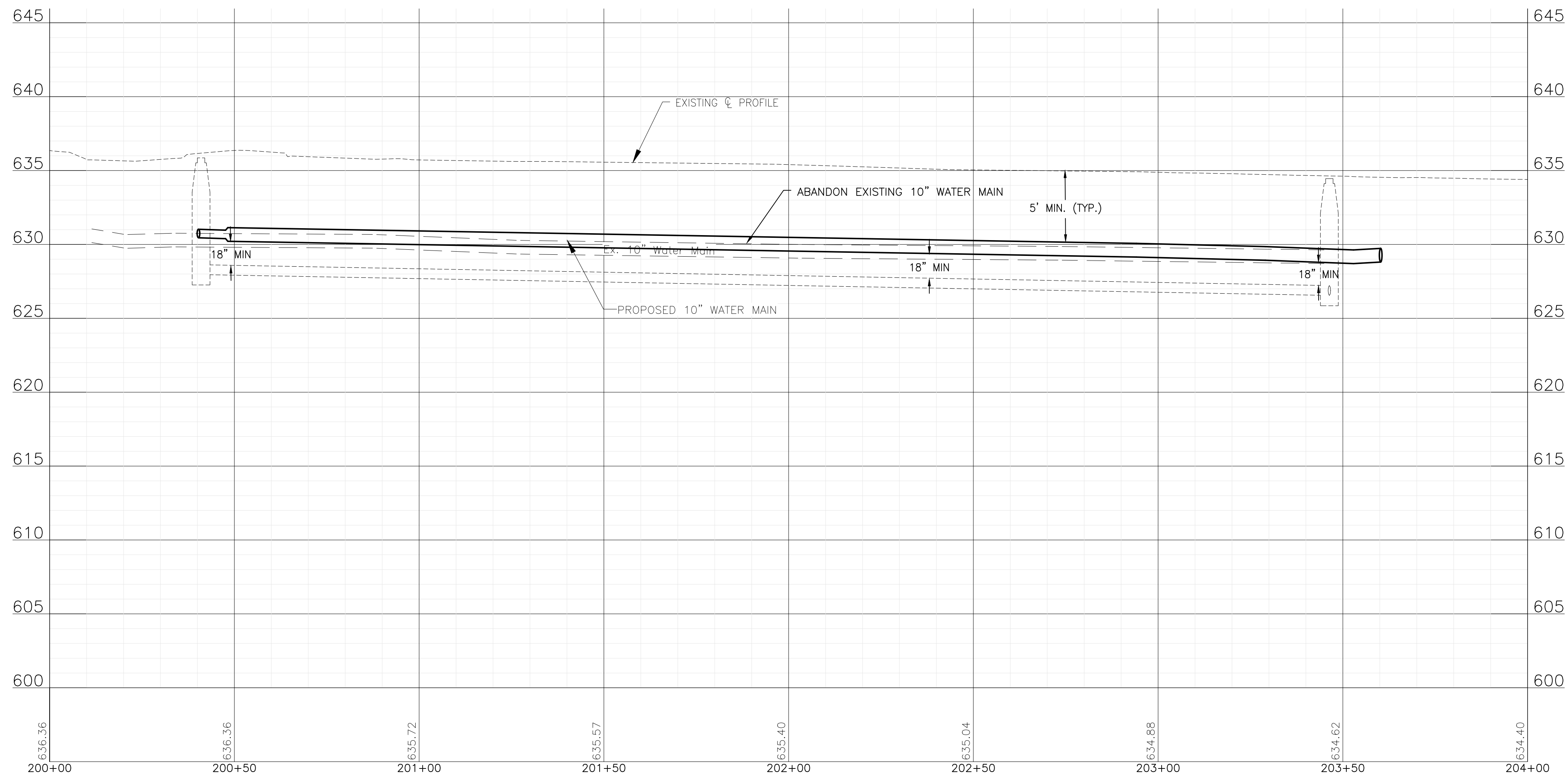
SCALE: HORIZ 1"=20' / VERT 1"=5'

PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	31
CHECKED - LMS		
DATE - 10/19/2023		



WHITE BIRCH LANE



P:\JOLI\221587-2024 WATER MAIN SURV\CAD\PARVIEW NORTH\01_CIVIL_3D\01_SHTS-PLANS\221587-PARKVIEW NORTH_DESIGN_SHEETS.DWG 200+00.00
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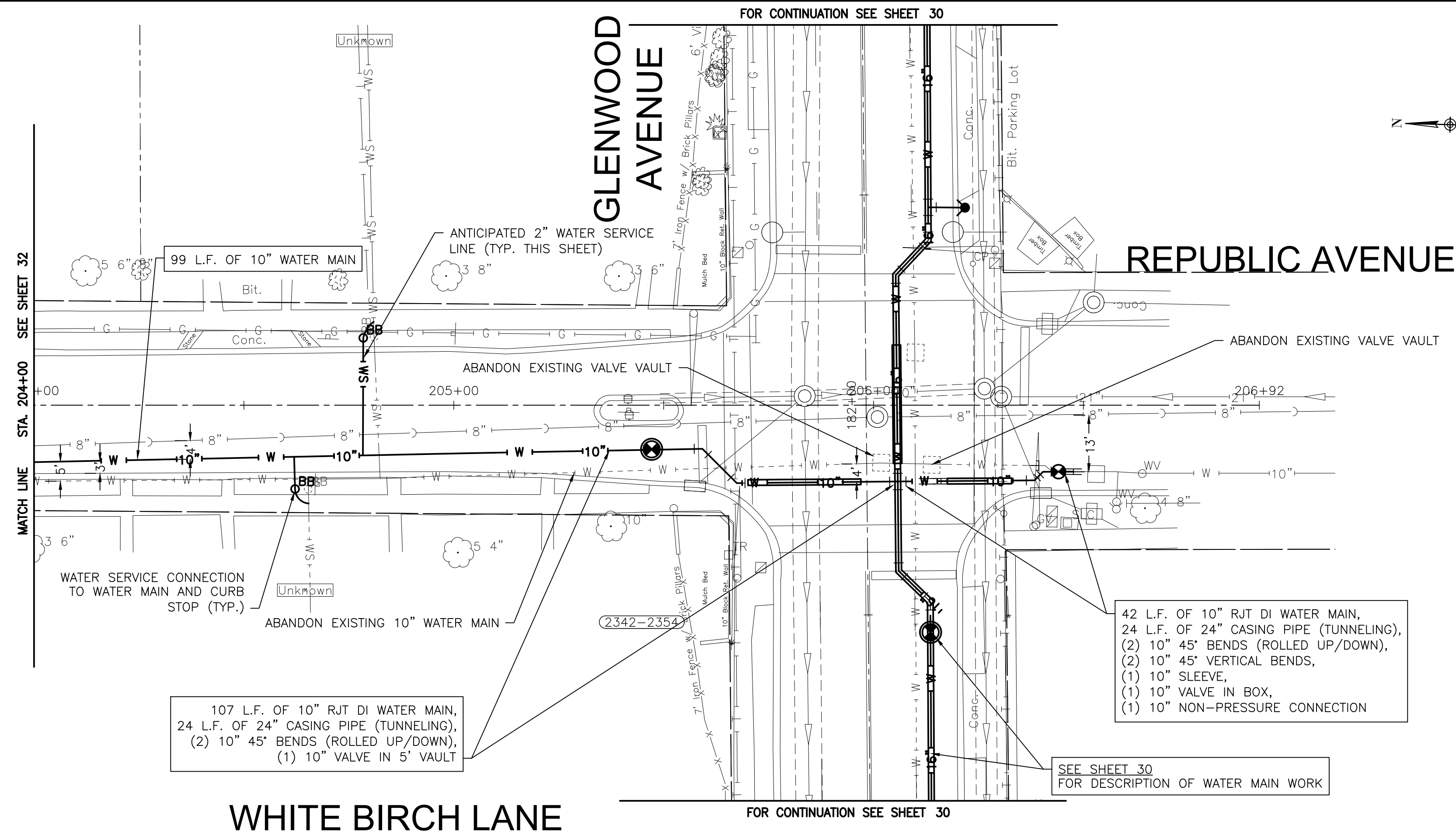
CONSULTANTS	REVISED -
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CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

WHITE BIRCH LANE STA. 200+00 TO STA. 204+00 PLAN AND PROFILE		DESIGNED - RMM DRAWN - JJS/ABN CHECKED - LMS DATE - 10/19/2023	TOTAL SHEETS 39	SHEET NO. 32
SCALE:	HORIZ 1"=20' / VERT 1"=5'	PROJECT NO:	221587.40	

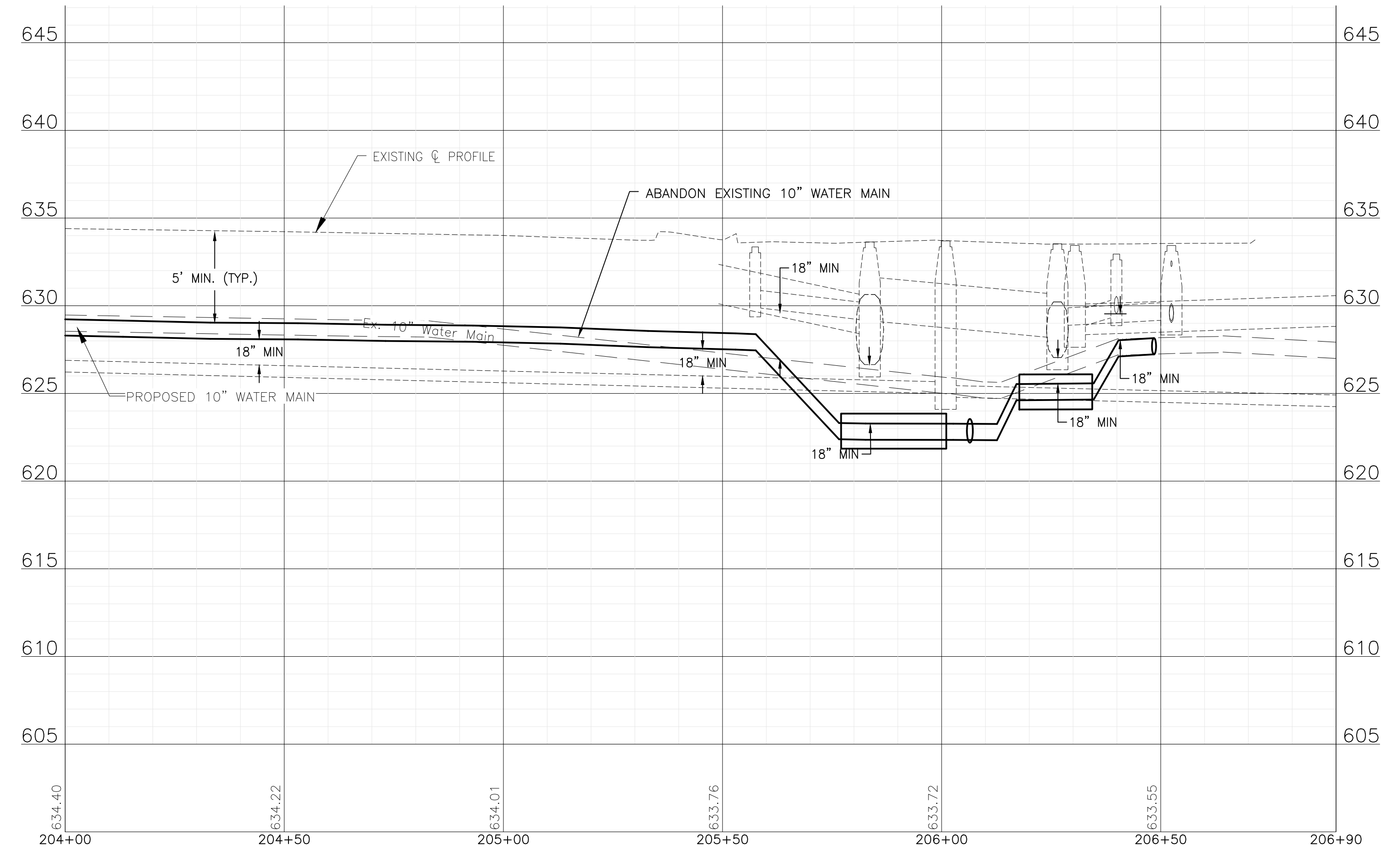
FINAL DESIGN FOR BIDDING

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NOTE:
 WATER SERVICES: (2) WATER SERVICE CONNECTIONS ARE ANTICIPATED ON THIS STREET. FINAL NUMBER AND LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

NOTE:
 STORM SEWER PIPE SMALLER THAN 24" DIAMETER ON THIS SHEET HAS BEEN PREVIOUSLY INSTALLED AS REINFORCED CONCRETE PIPE CONFORMING TO ASTM C76 WITH JOINTS CONFORMING TO ASTM C361 OR ASTM C443.



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CITY OF JOLIET, ILLINOIS
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CITY OF JOLIET CONTRACT NO. 2773-0124

WHITE BIRCH LANE STA. 204+00 TO STA. 208+00 PLAN AND PROFILE

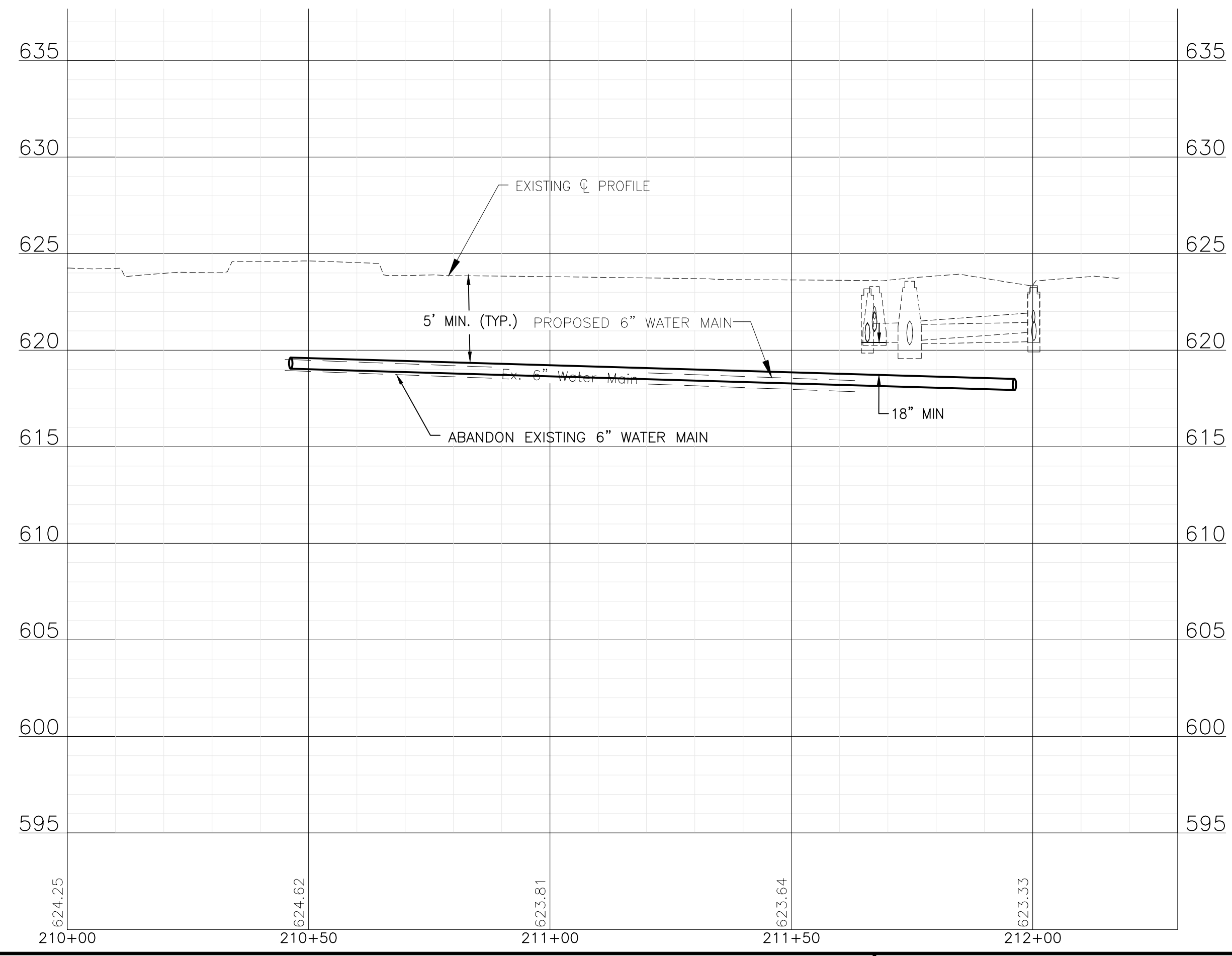
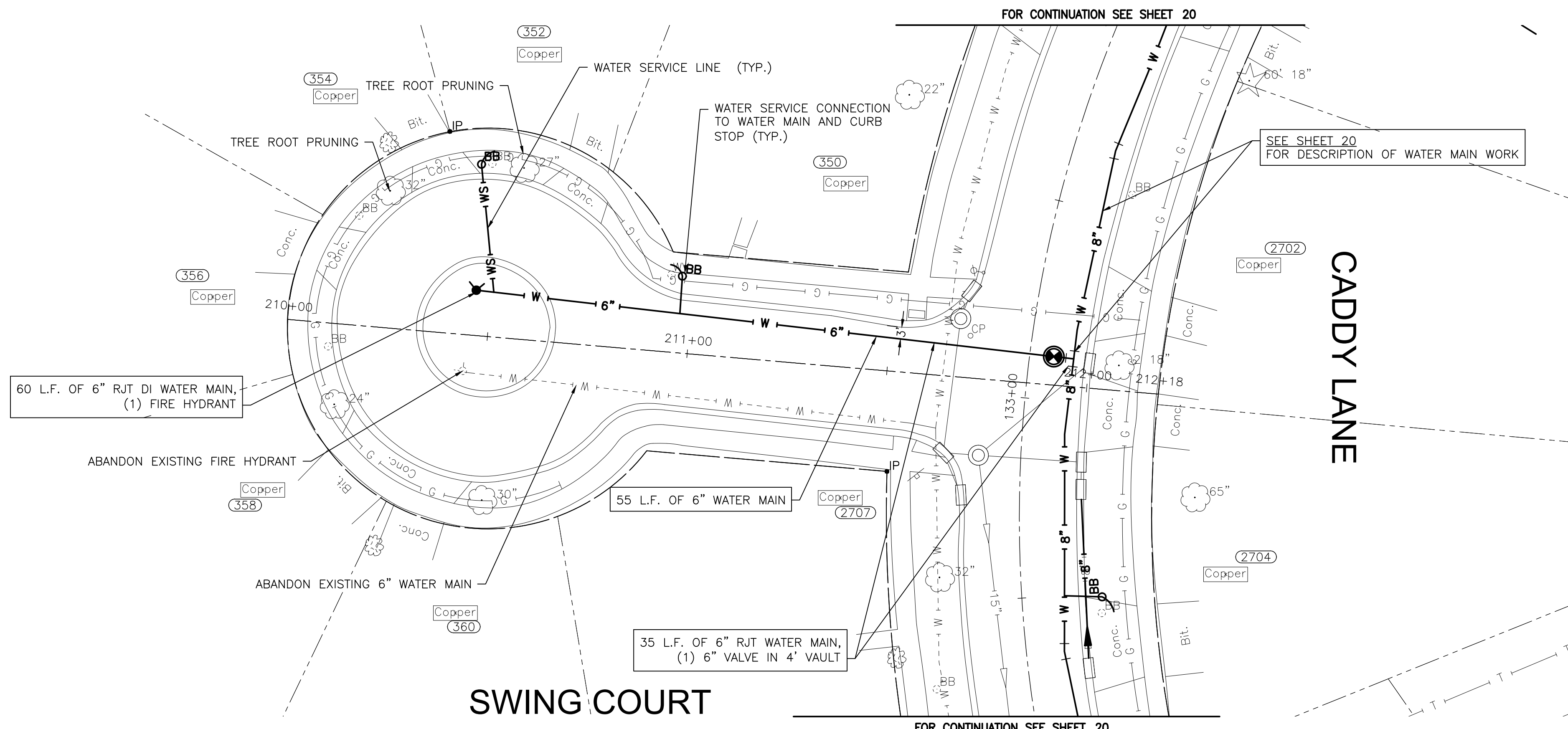
SCALE: HORIZ 1"=20' / VERT 1"=5'
 PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	33
CHECKED - LMS		
DATE - 10/19/2023		

FINAL DESIGN
FOR BIDDING

NOTE:
 WATER SERVICES: (6) WATER SERVICE CONNECTIONS ARE ANTICIPATED ON THIS STREET. FINAL NUMBER AND LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

NOTE:
 STORM SEWER PIPE ON THIS SHEET HAS BEEN PREVIOUSLY INSTALLED AS REINFORCED CONCRETE PIPE CONFORMING TO ASTM C76 WITH JOINTS CONFORMING TO ASTM C361 OR ASTM C443.



P:\JOLIET\221587-2024 WATER MAIN SURV\CAD\PARVIEW NORTH\01_CIVIL_3D\01_SHTS-PLANS\221587-PARKVIEW NORTH_DESIGN_SHEETS.DWG 210+00.00
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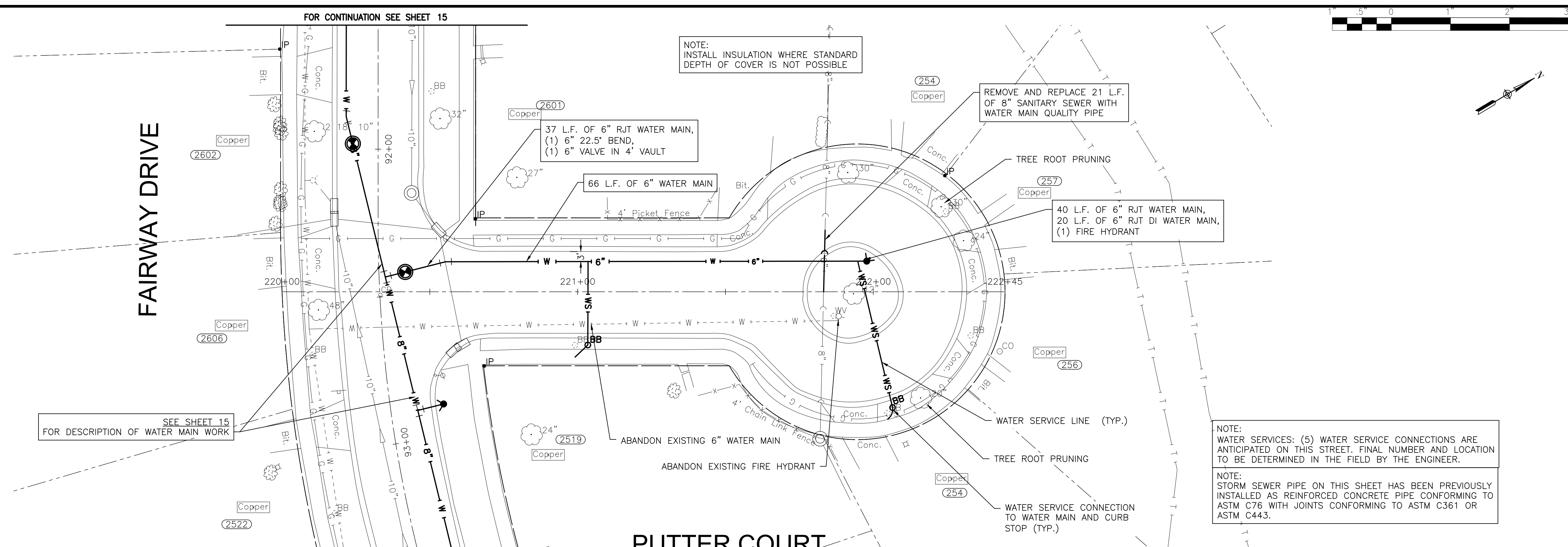
CONSULTANTS	REVISED -
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CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

SWING COURT STA. 210+00 TO STA. 215+00 PLAN AND PROFILE
 SCALE: HORIZ 1"=20' / VERT 1"=5'
 PROJECT NO: 221587.40

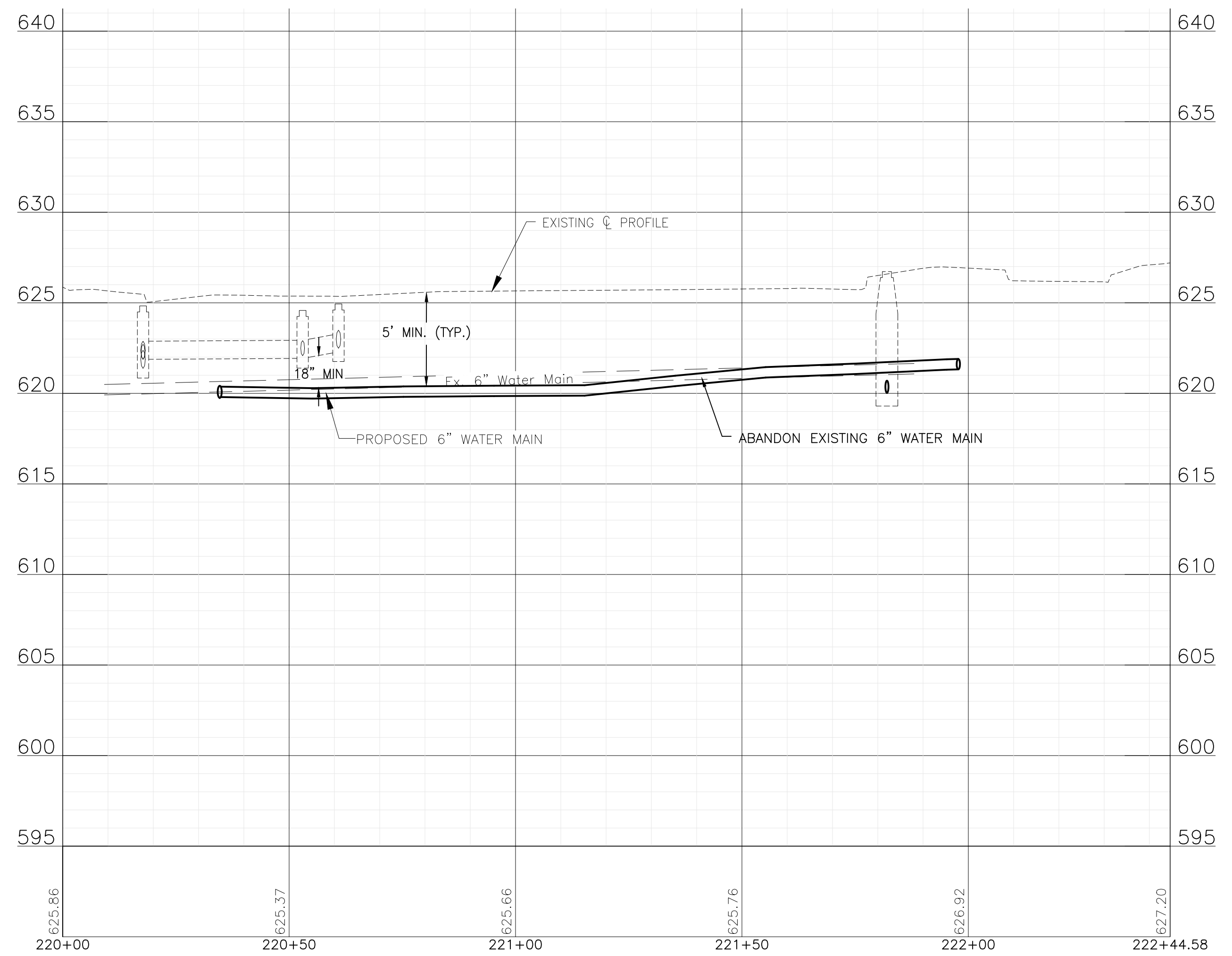
DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	34
CHECKED - LMS		
DATE - 10/19/2023		

FINAL DESIGN
 FOR BIDDING



NOTE:
WATER SERVICES: (5) WATER SERVICE CONNECTIONS ARE ANTICIPATED ON THIS STREET. FINAL NUMBER AND LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

NOTE:
STORM SEWER PIPE ON THIS SHEET HAS BEEN PREVIOUSLY INSTALLED AS REINFORCED CONCRETE PIPE CONFORMING TO ASTM C76 WITH JOINTS CONFORMING TO ASTM C361 OR ASTM C443.



P:\JOL\221587-2024 WATER MAIN SURV\CAD\DRAWING\221587-PLANS-PLANS\01_CIVIL_3D\01_SHTS-PLANS-PARKVIEW NORTH_DESIGN_SHEETS.DWG 220+00.00
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CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

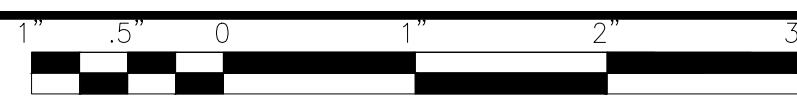
PUTTER COURT STA. 220+00 TO STA. 230+00 PLAN AND PROFILE

SCALE: HORIZ 1"=20' / VERT 1"=5'

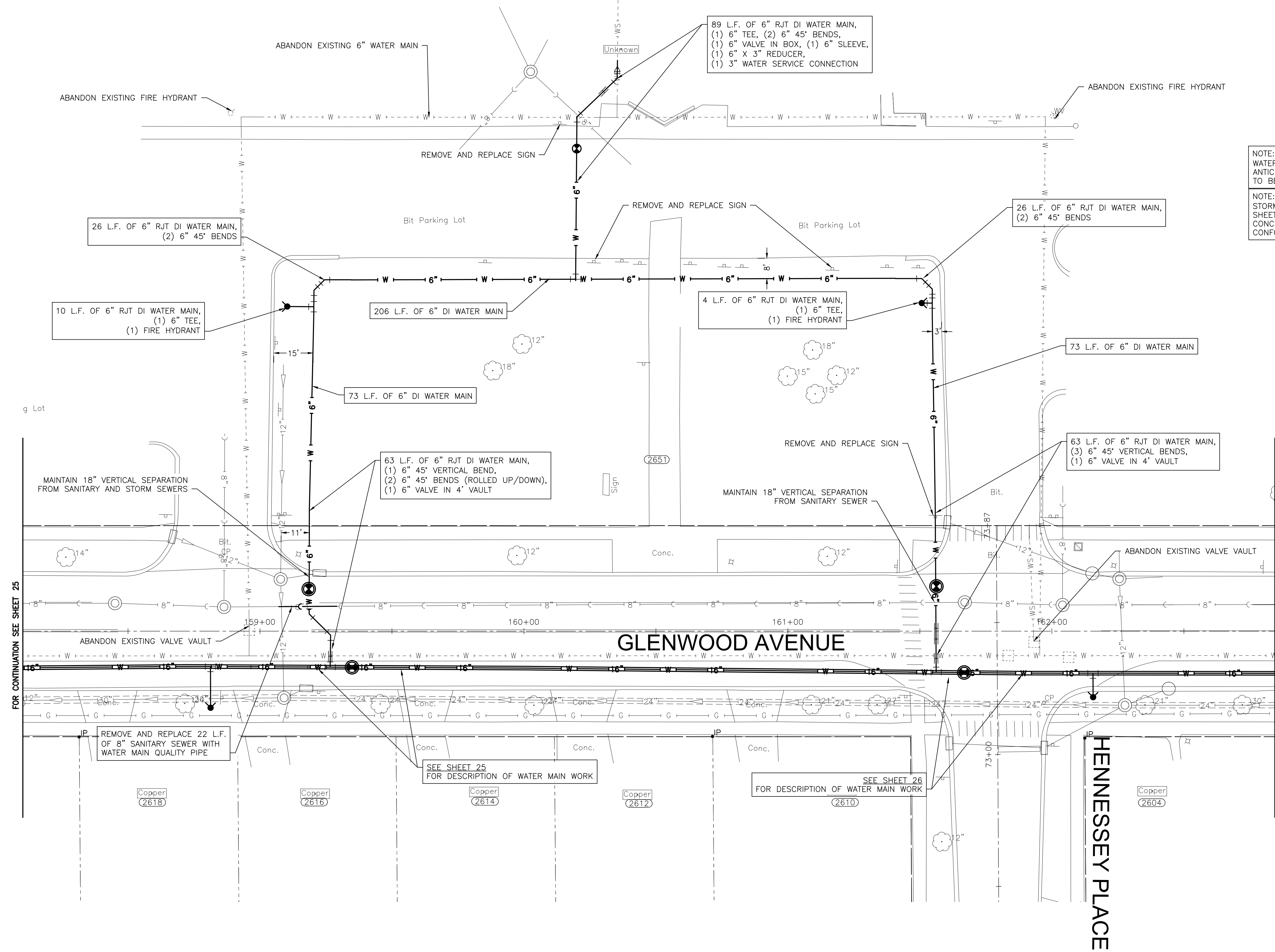
PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	35
CHECKED - LMS		
DATE - 10/19/2023		

FINAL DESIGN FOR BIDDING



THOMAS JEFFERSON ELEMENTARY SCHOOL



NOTE:
WATER SERVICES: (1) 3" WATER SERVICE CONNECTION IS ANTICIPATED ON THIS STREET. FINAL NUMBER AND LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

NOTE:
STORM SEWER PIPE SMALLER THAN 24" DIAMETER ON THIS SHEET HAS BEEN PREVIOUSLY INSTALLED AS REINFORCED CONCRETE PIPE CONFORMING TO ASTM C76 WITH JOINTS CONFORMING TO ASTM C361 OR ASTM C443.

FOR CONTINUATION SEE SHEET 25

FOR CONTINUATION SEE SHEET 26

REMOVE AND REPLACE 22 L.F. OF 8" SANITARY SEWER WITH WATER MAIN QUALITY PIPE

SEE SHEET 25 FOR DESCRIPTION OF WATER MAIN WORK

SEE SHEET 26 FOR DESCRIPTION OF WATER MAIN WORK

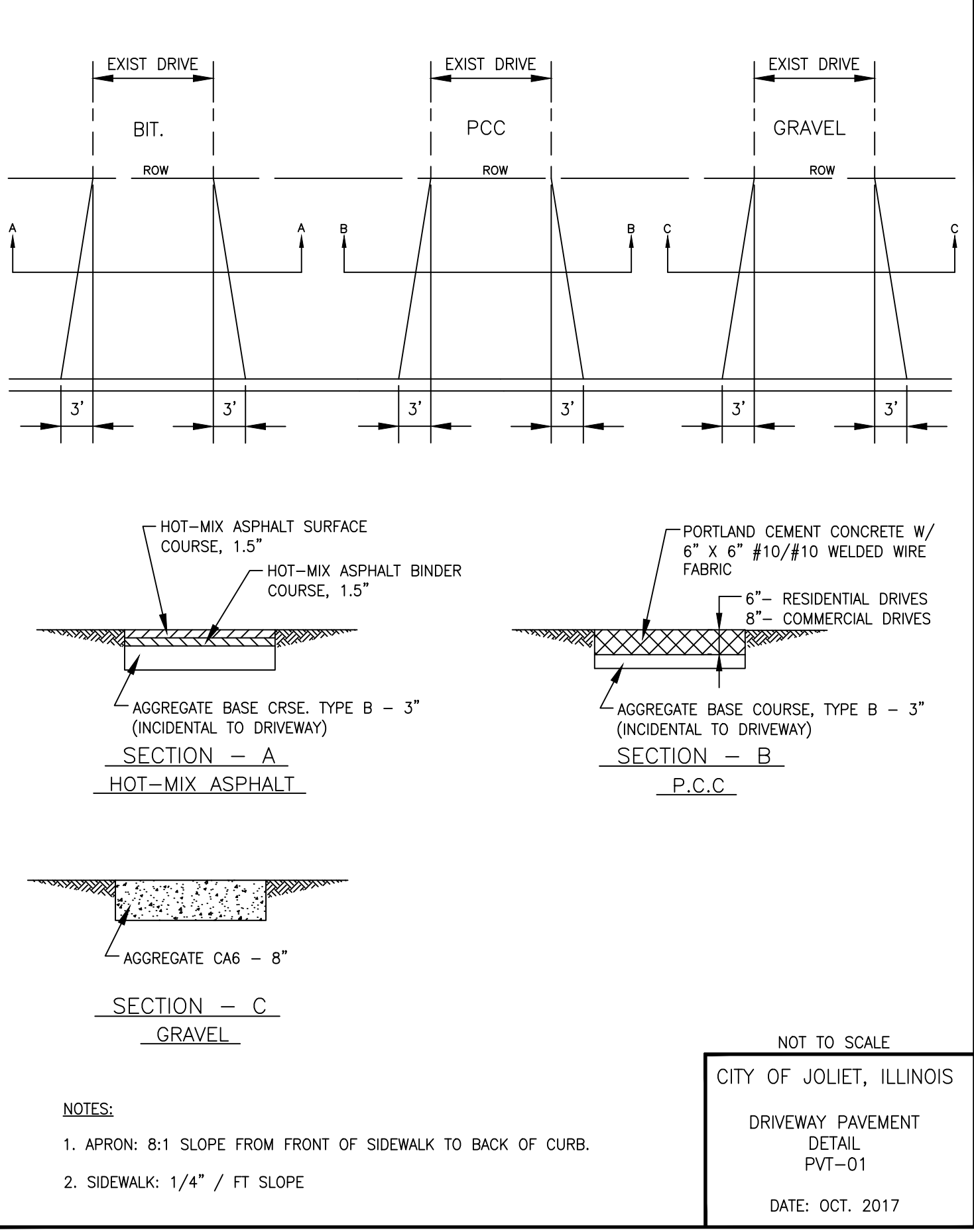
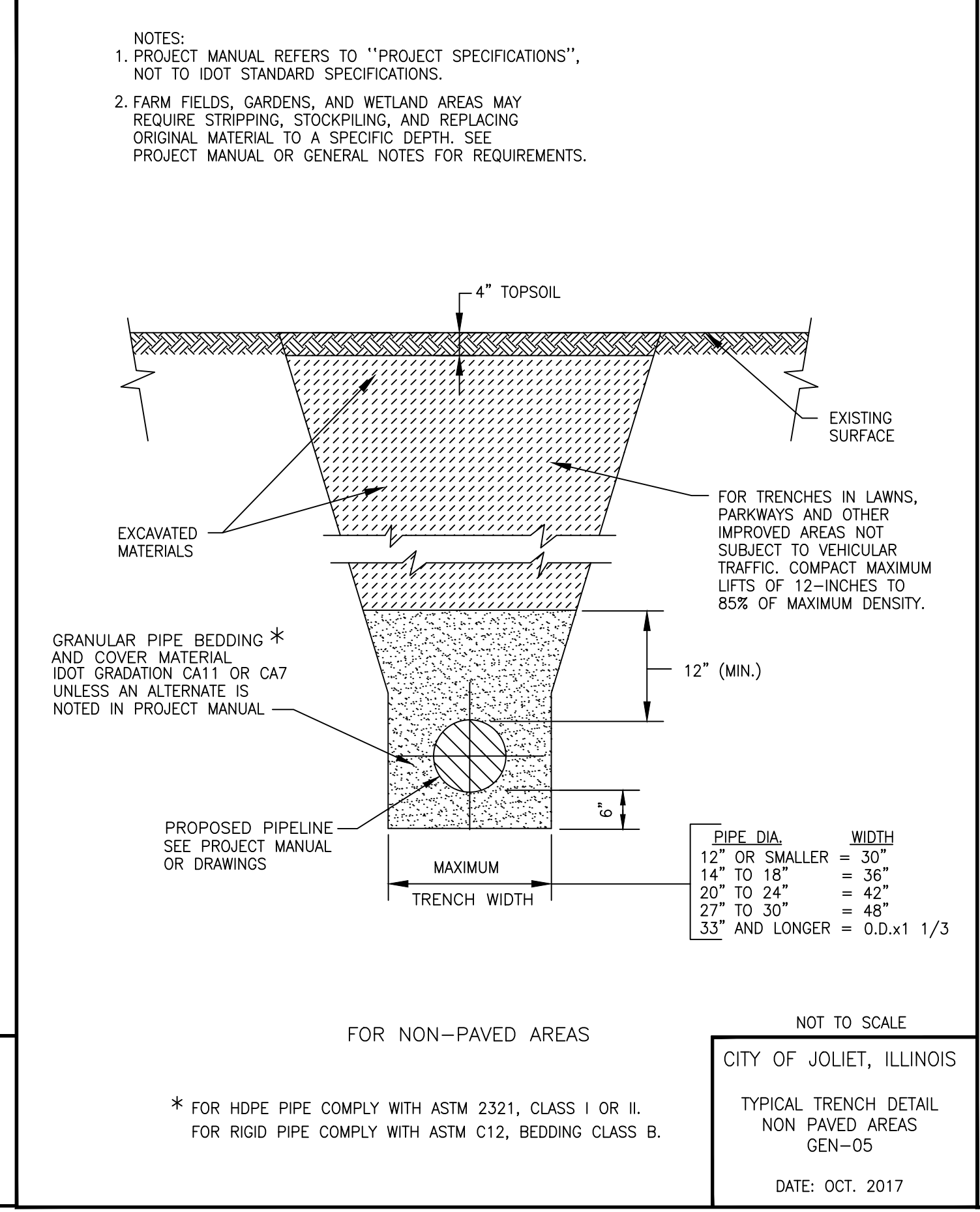
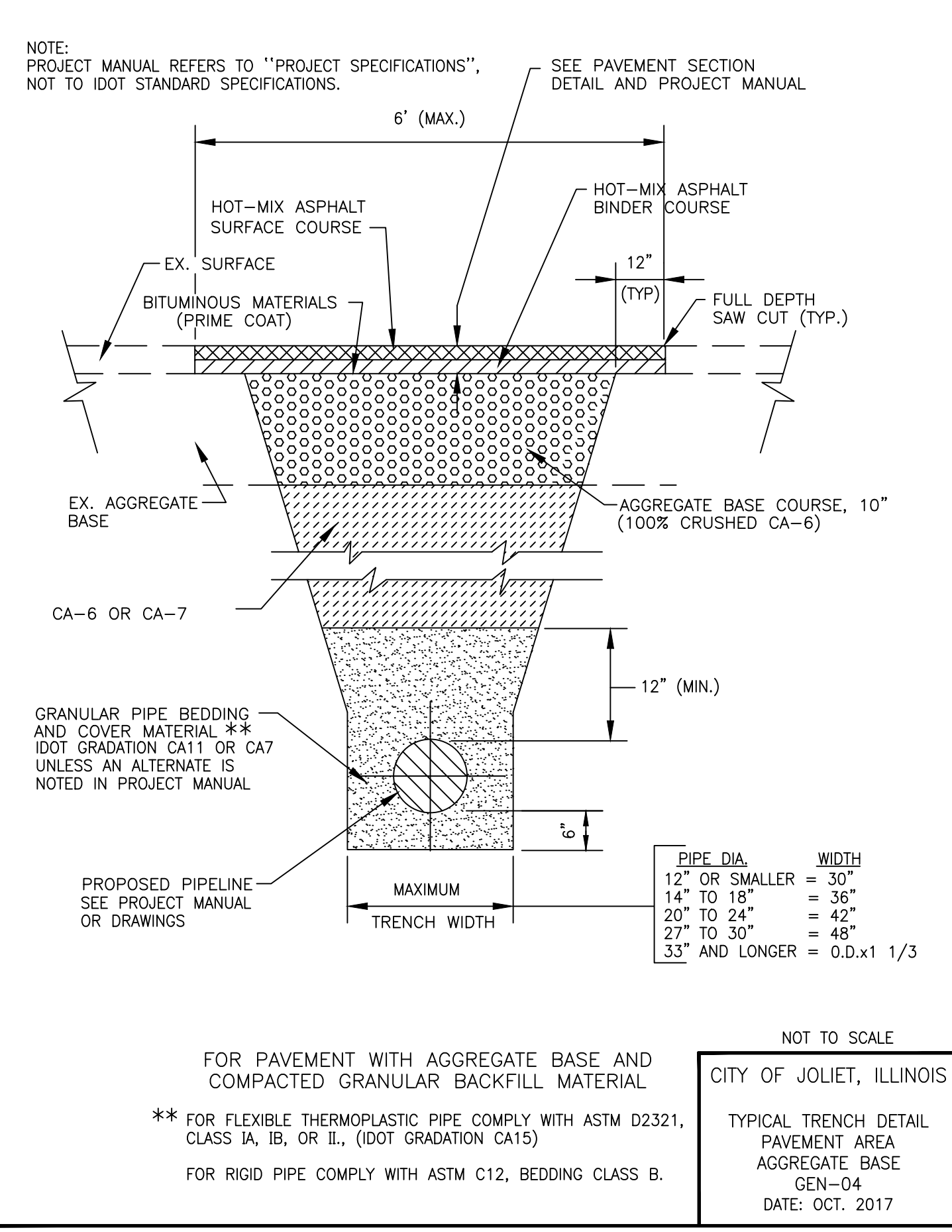
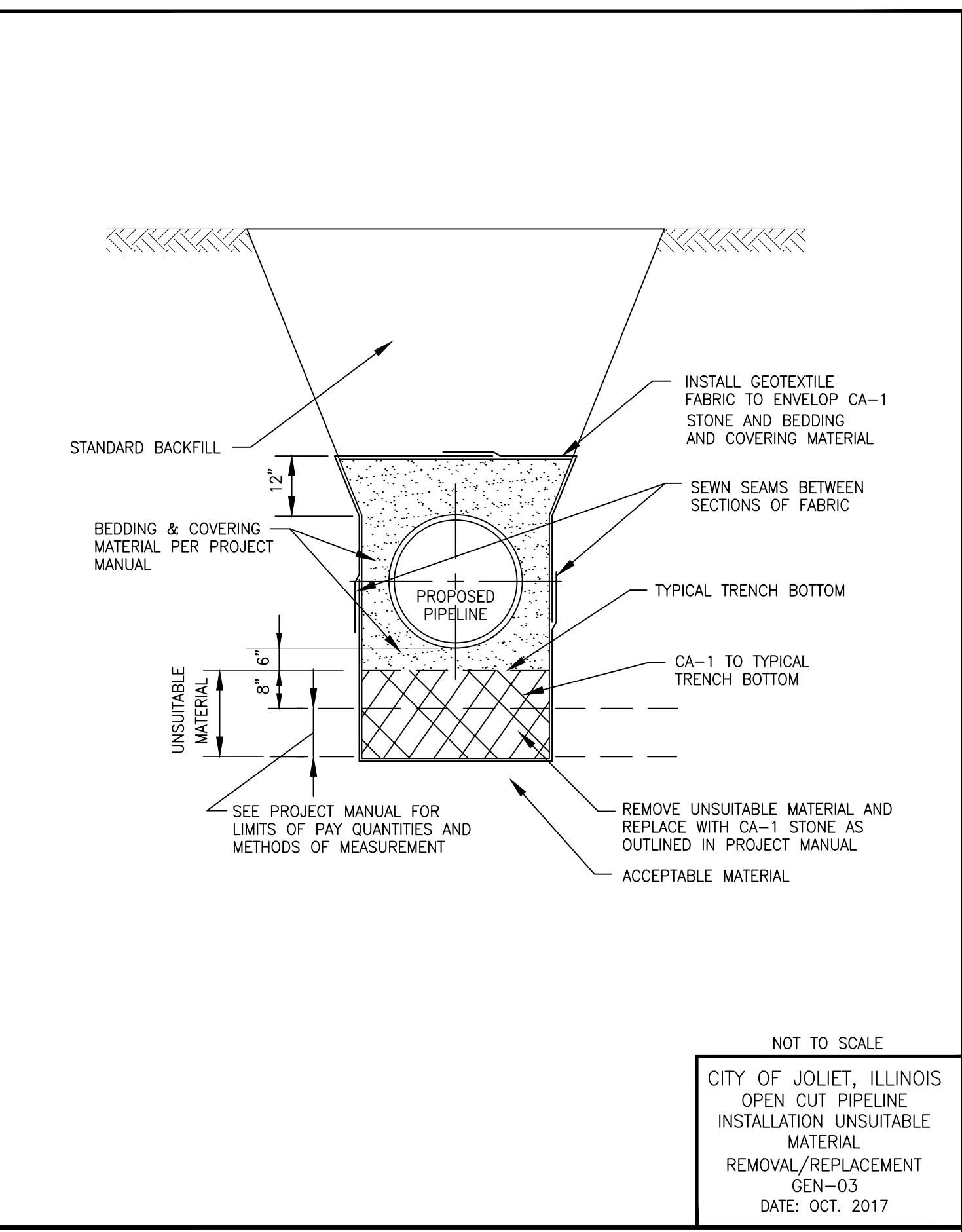
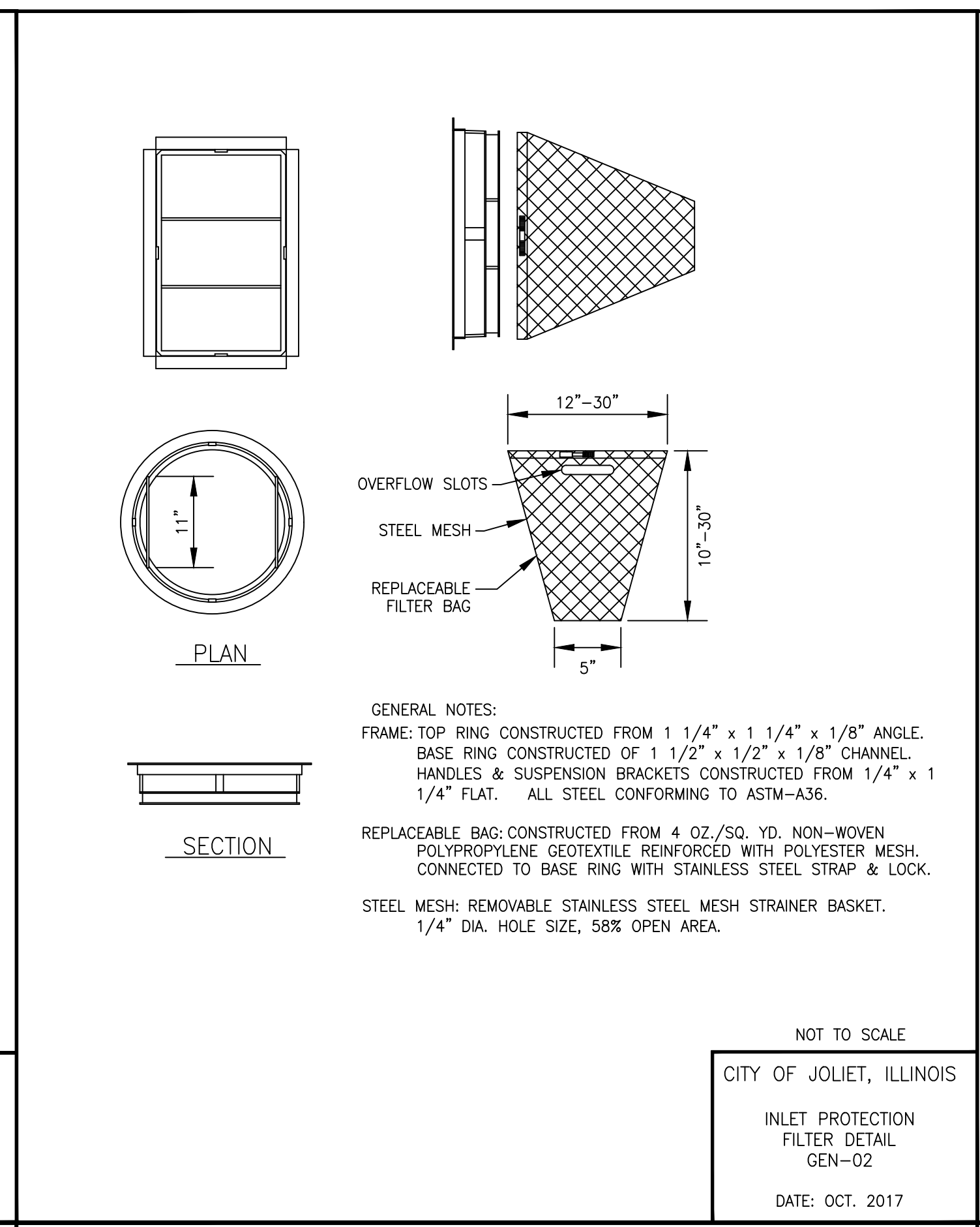
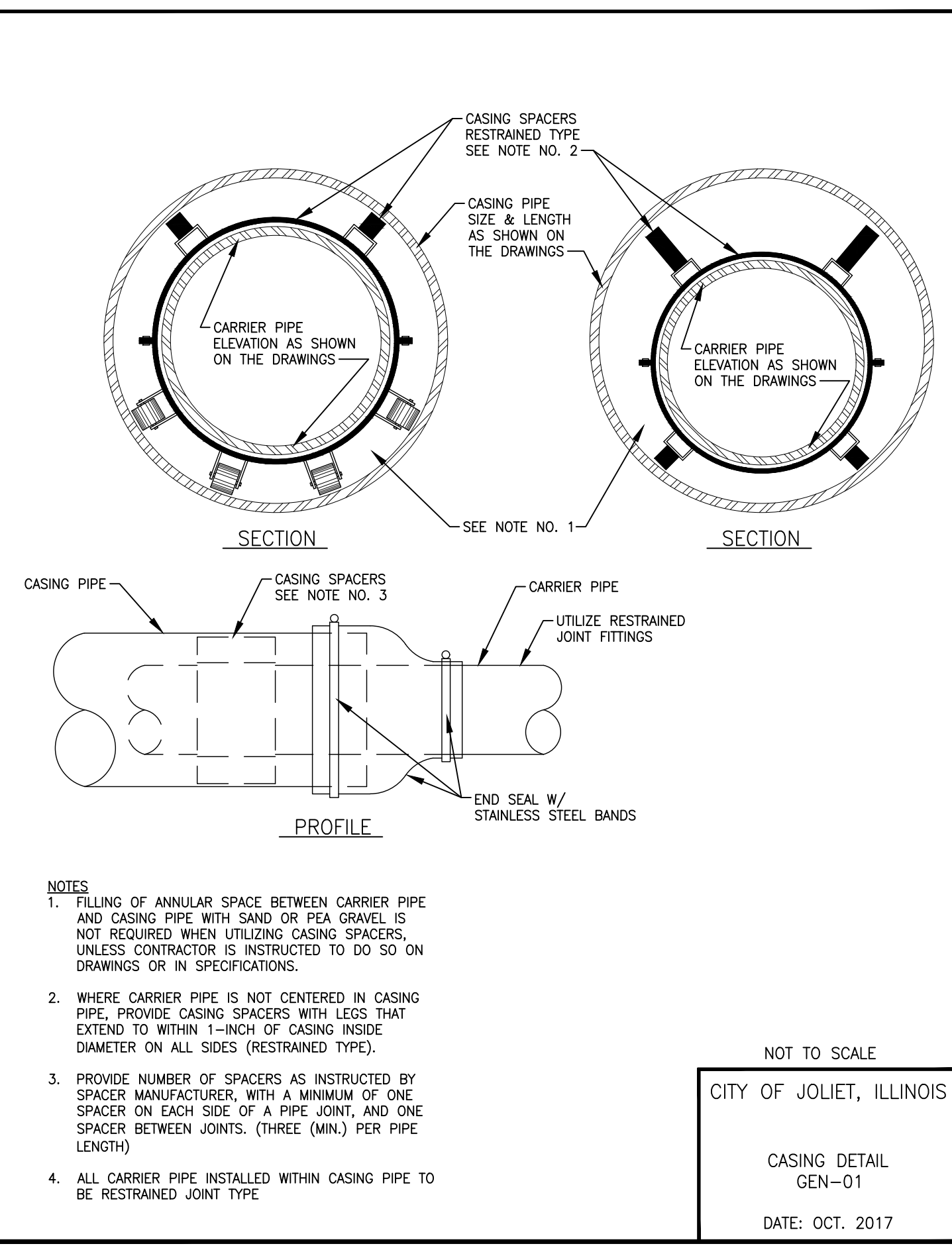
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CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

THOMAS JEFFERSON SCHOOL - PLAN		DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
SCALE: 1" = 20'	PROJECT NO: 221587.40	DRAWN - JJS/ABN	39	36
	DATE - 10/19/2023	CHECKED - LMS		



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**CITY OF JOLIET, ILLINOIS
 PARKVIEW NORTH WATER MAIN IMPROVEMENTS
 CITY OF JOLIET CONTRACT NO. 2773-0124**

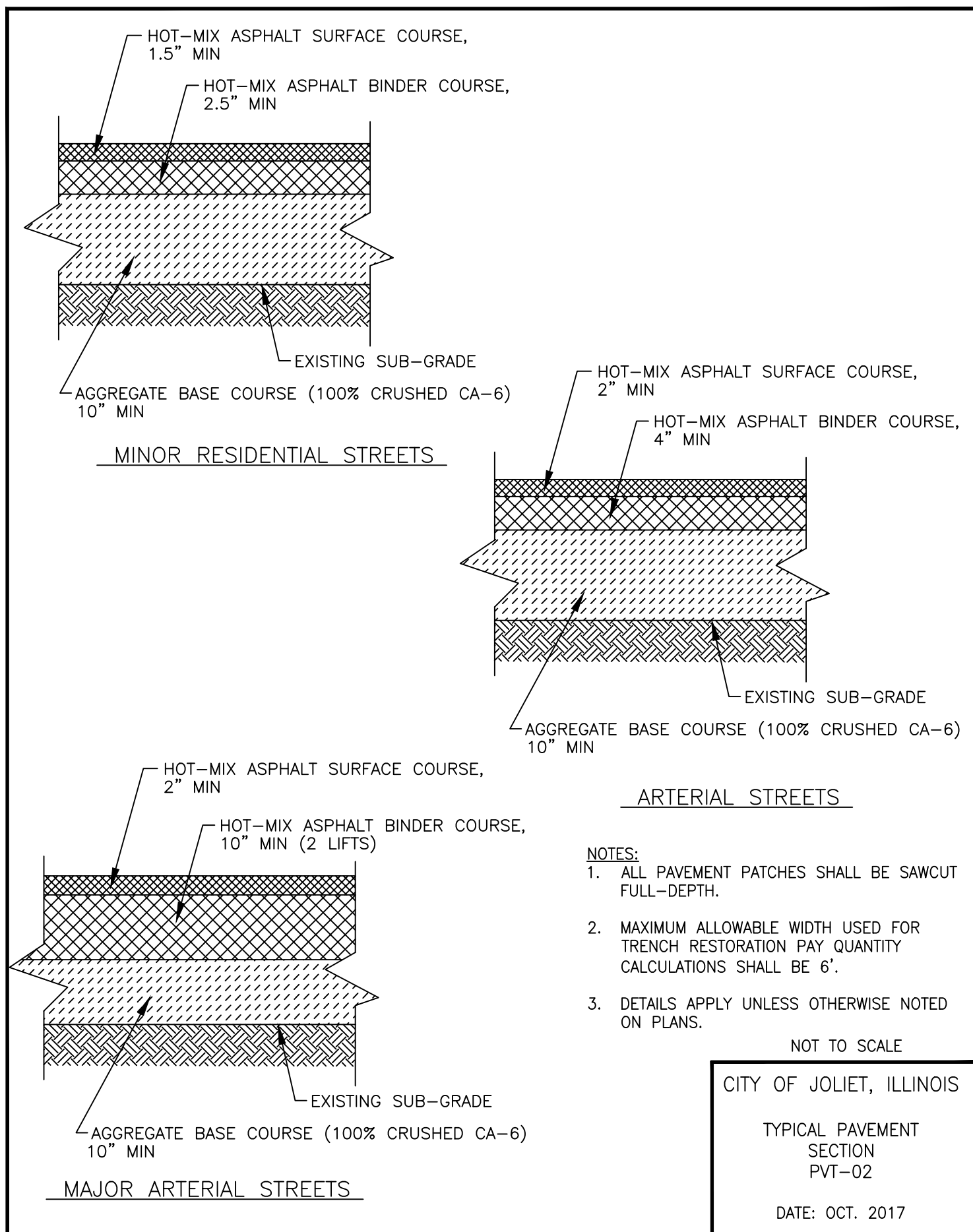
SCALE:	AS NOTED	PROJECT NO:	221587.40
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CONSTRUCTION DETAILS

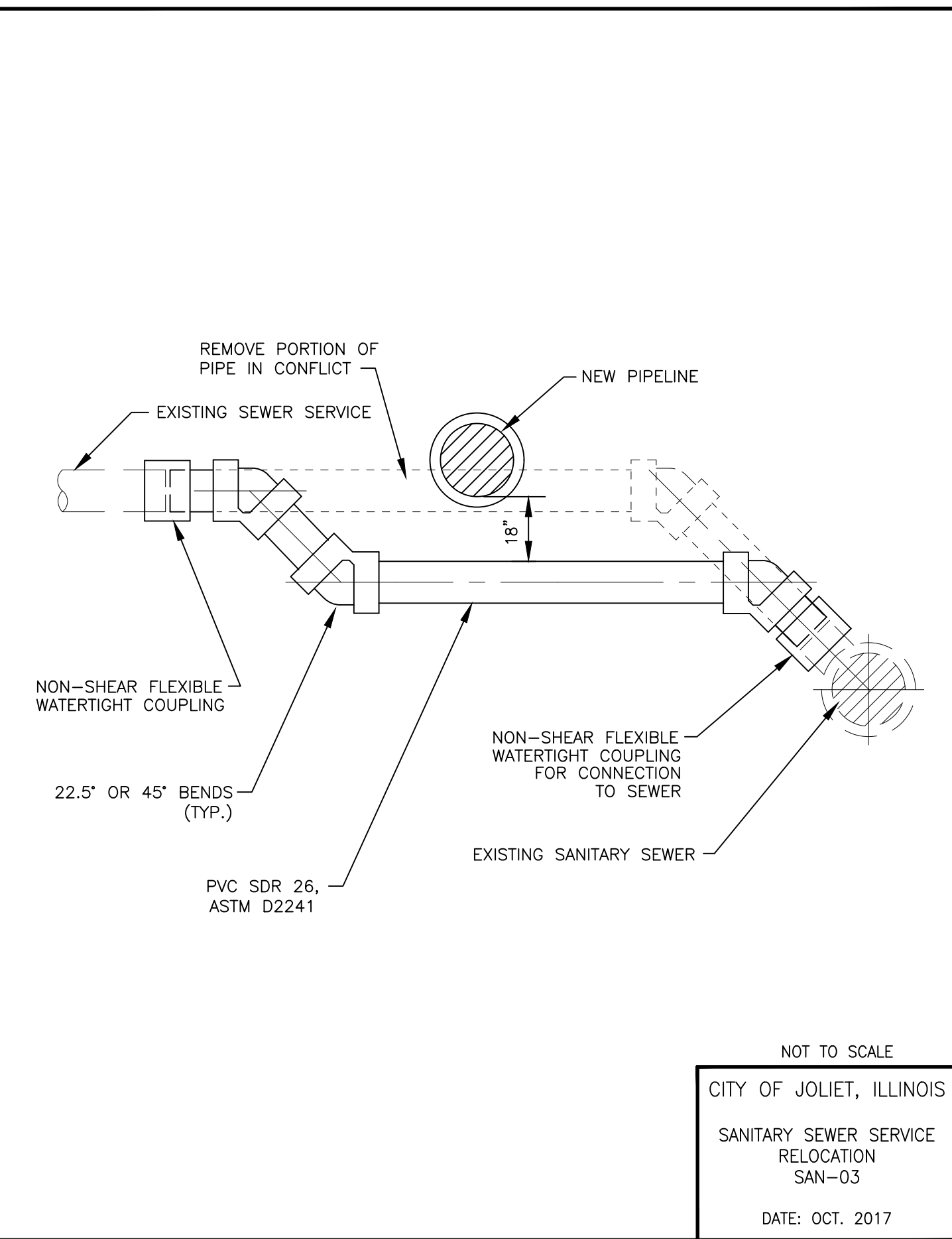
DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	37
CHECKED - LMS		
DATE - 10/19/2023		

**FINAL DESIGN
 FOR BIDDING**

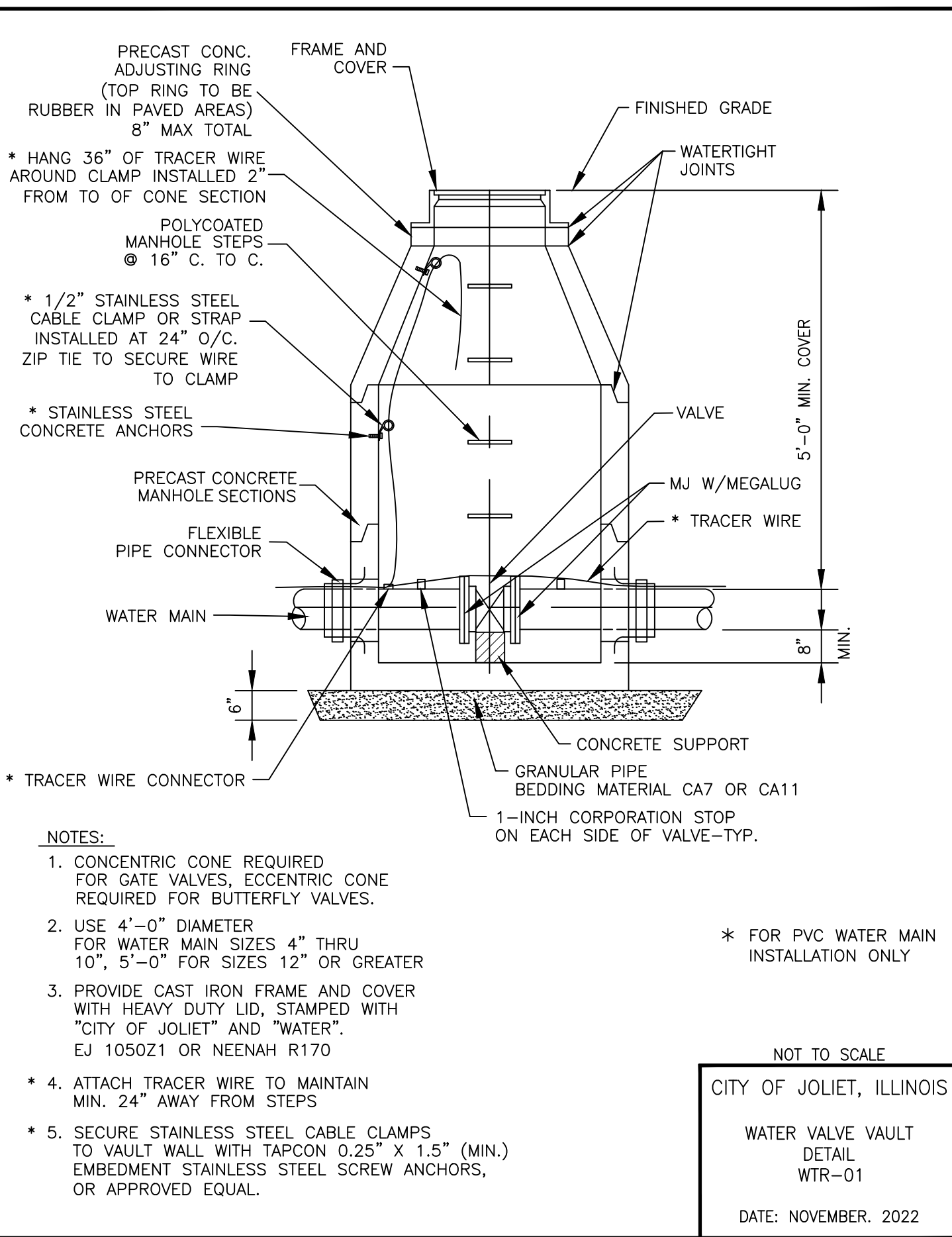
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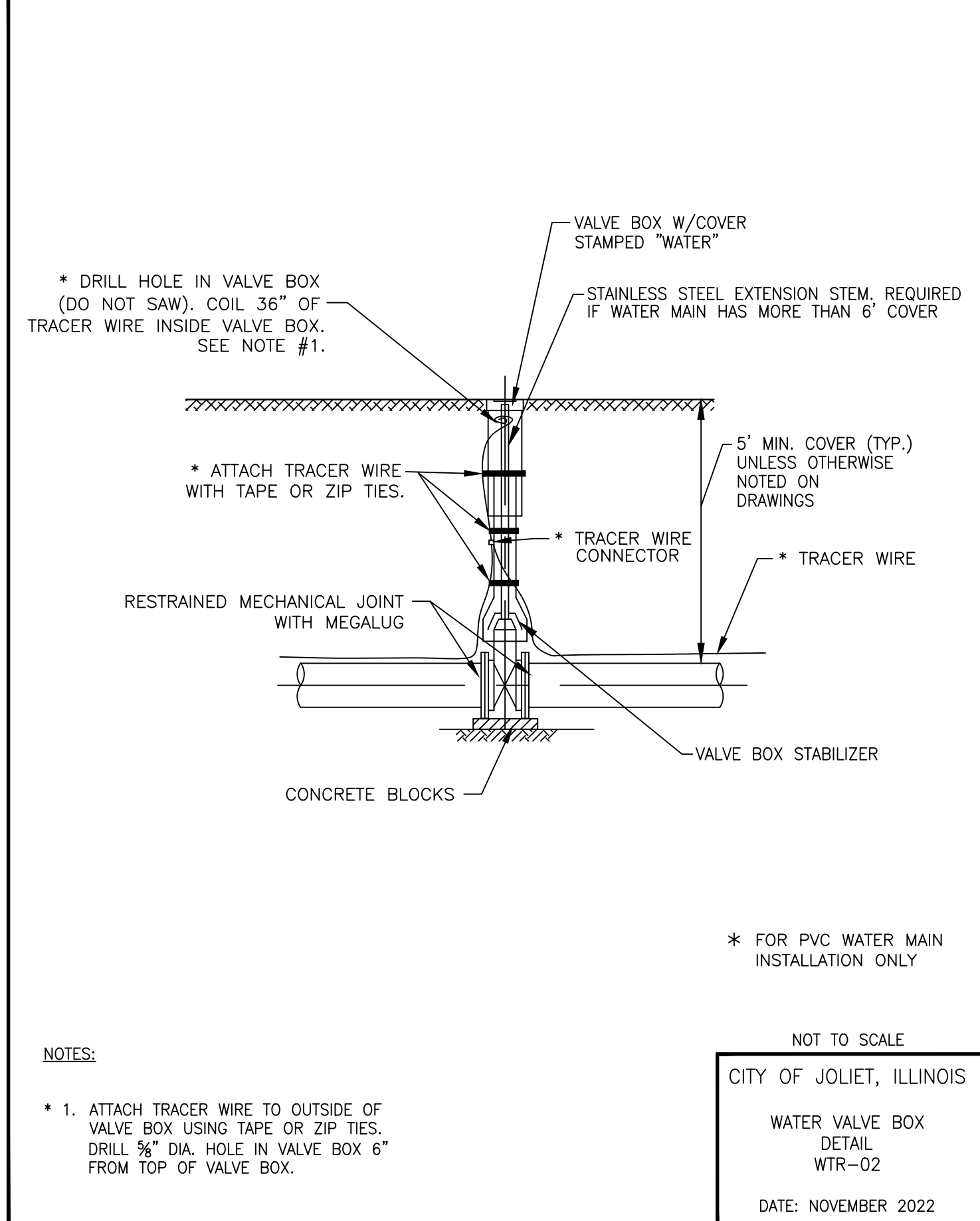
CITY OF JOLIET, ILLINOIS
 TYPICAL PAVEMENT SECTION
 PVT-02
 DATE: OCT. 2017



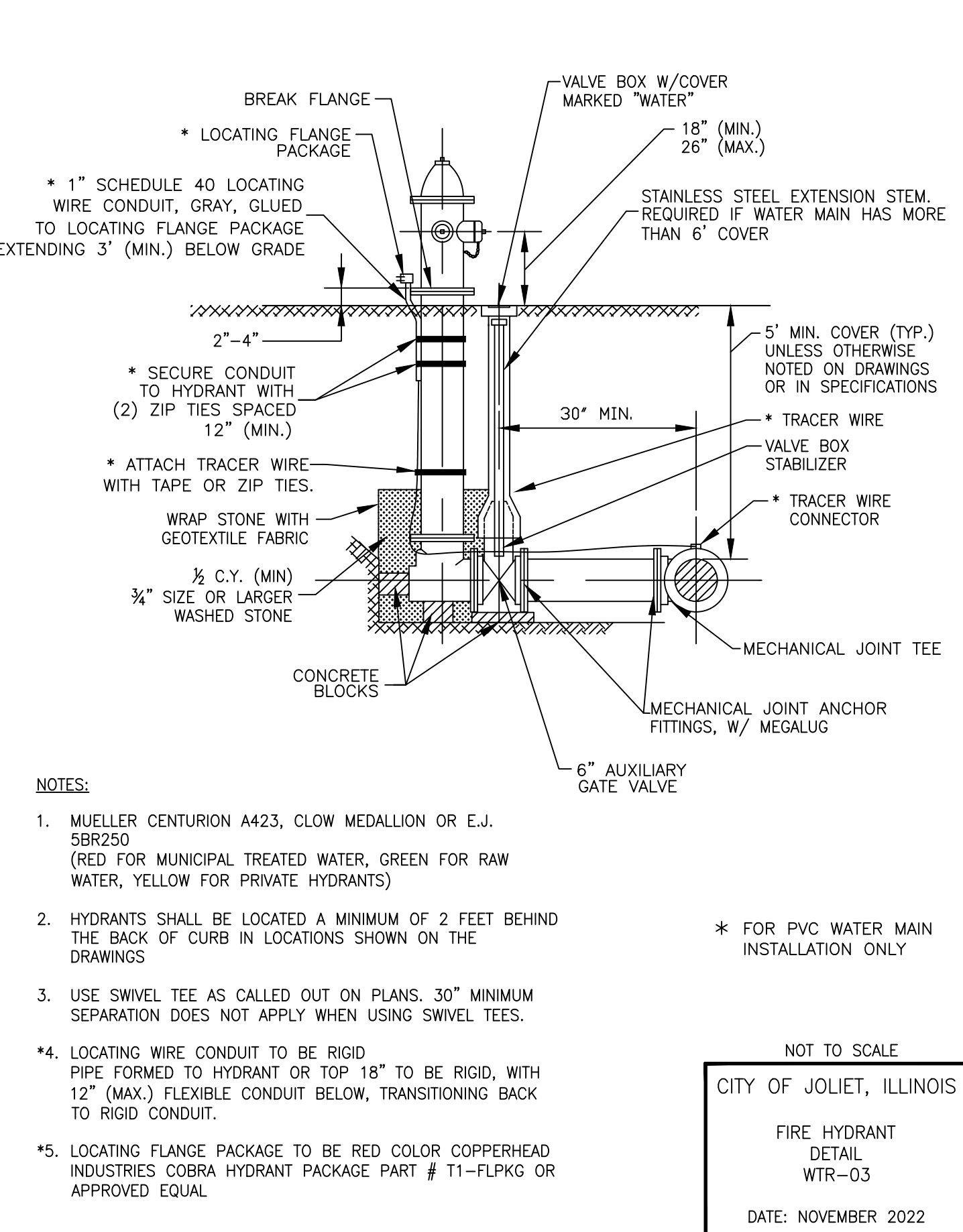
CITY OF JOLIET, ILLINOIS
 SANITARY SEWER SERVICE
 RELOCATION
 SAN-03
 DATE: OCT. 2017



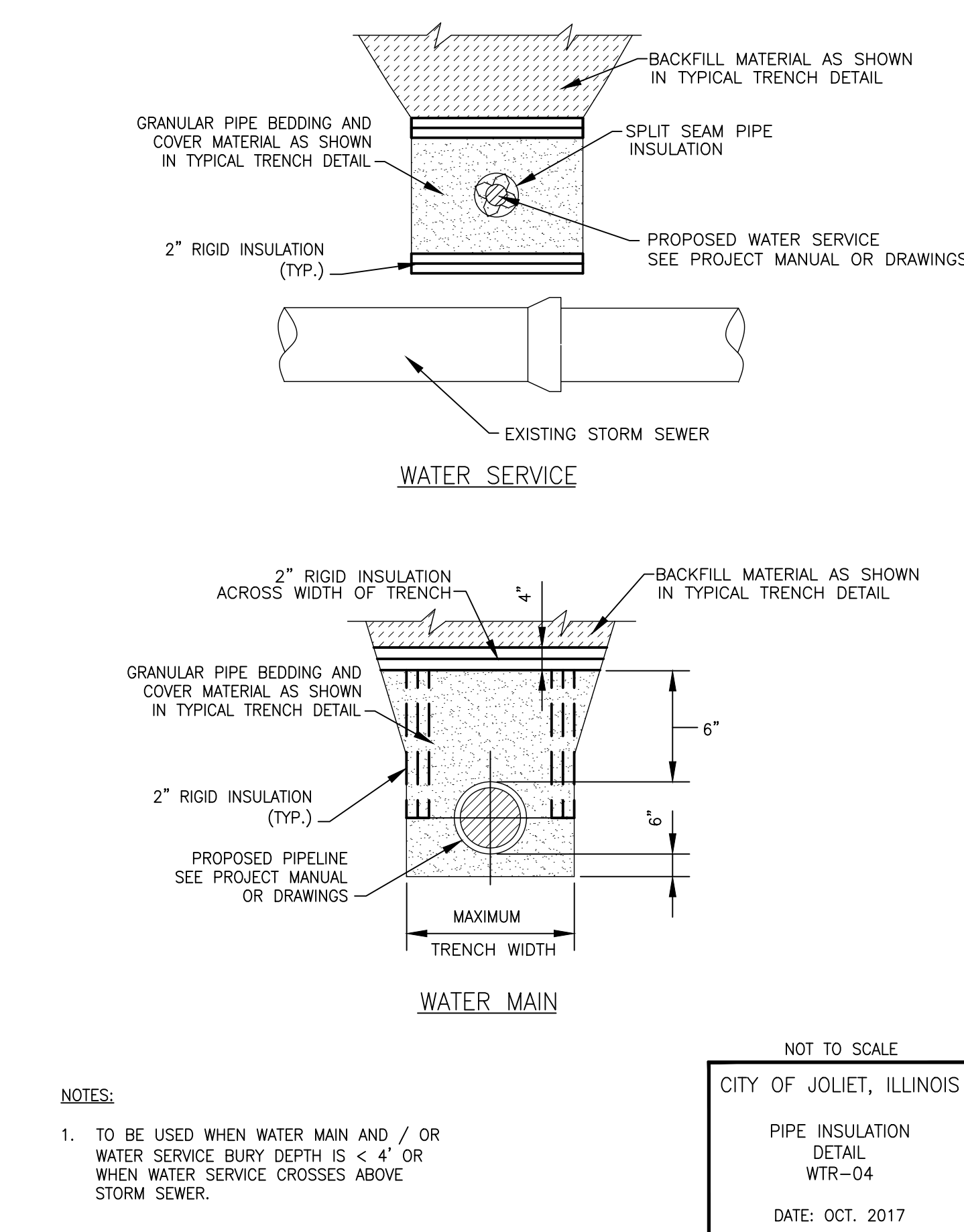
CITY OF JOLIET, ILLINOIS
 WATER VALVE VAULT
 DETAIL
 WTR-01
 DATE: NOVEMBER, 2022



CITY OF JOLIET, ILLINOIS
 WATER VALVE BOX
 DETAIL
 WTR-02
 DATE: NOVEMBER 2022



CITY OF JOLIET, ILLINOIS
 FIRE HYDRANT
 DETAIL
 WTR-03
 DATE: NOVEMBER 2022



CITY OF JOLIET, ILLINOIS
 PIPE INSULATION
 DETAIL
 WTR-04
 DATE: OCT. 2017



CONSULTANTS	REVISED -
	REVISED -
	REVISED -
	REVISED -

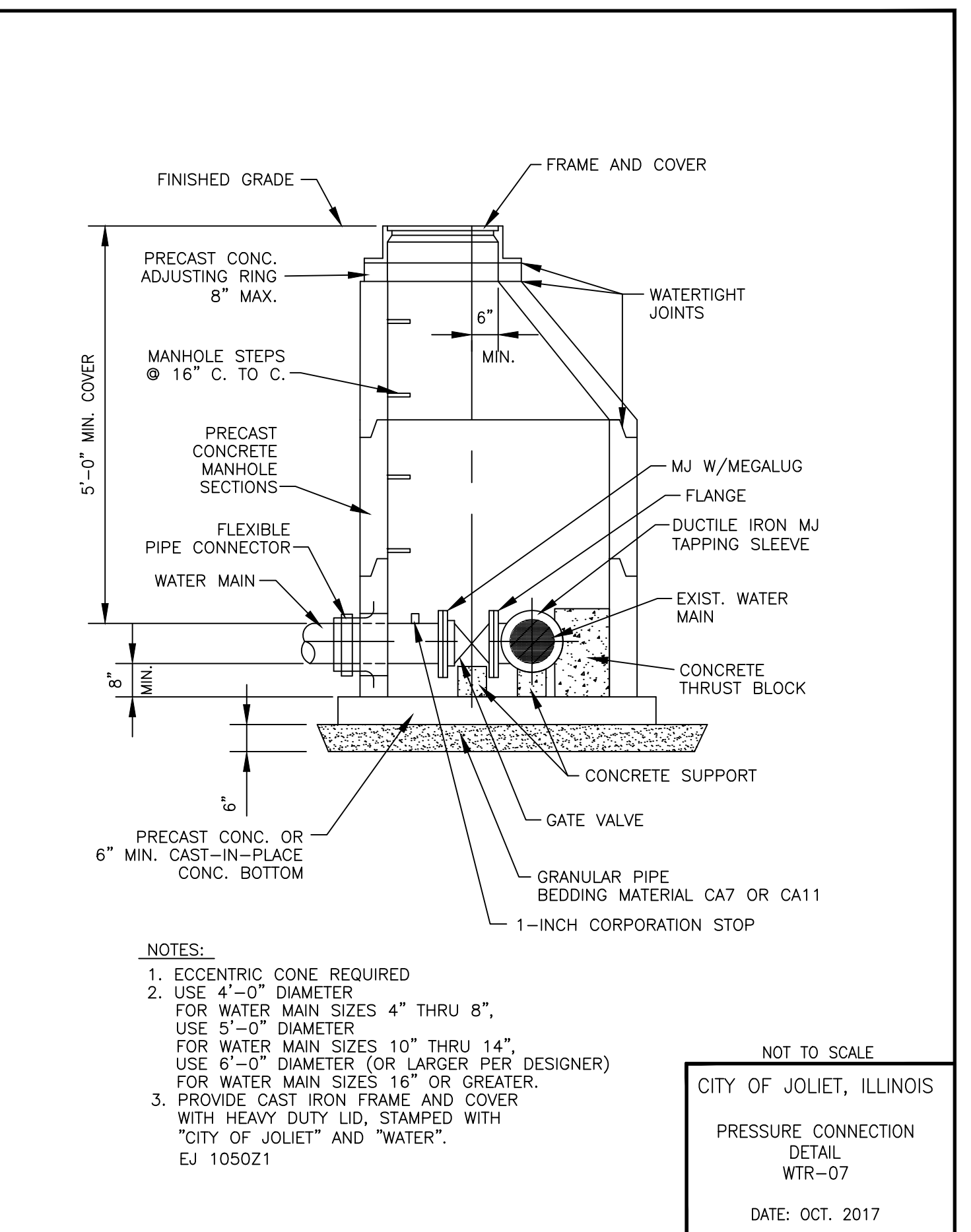
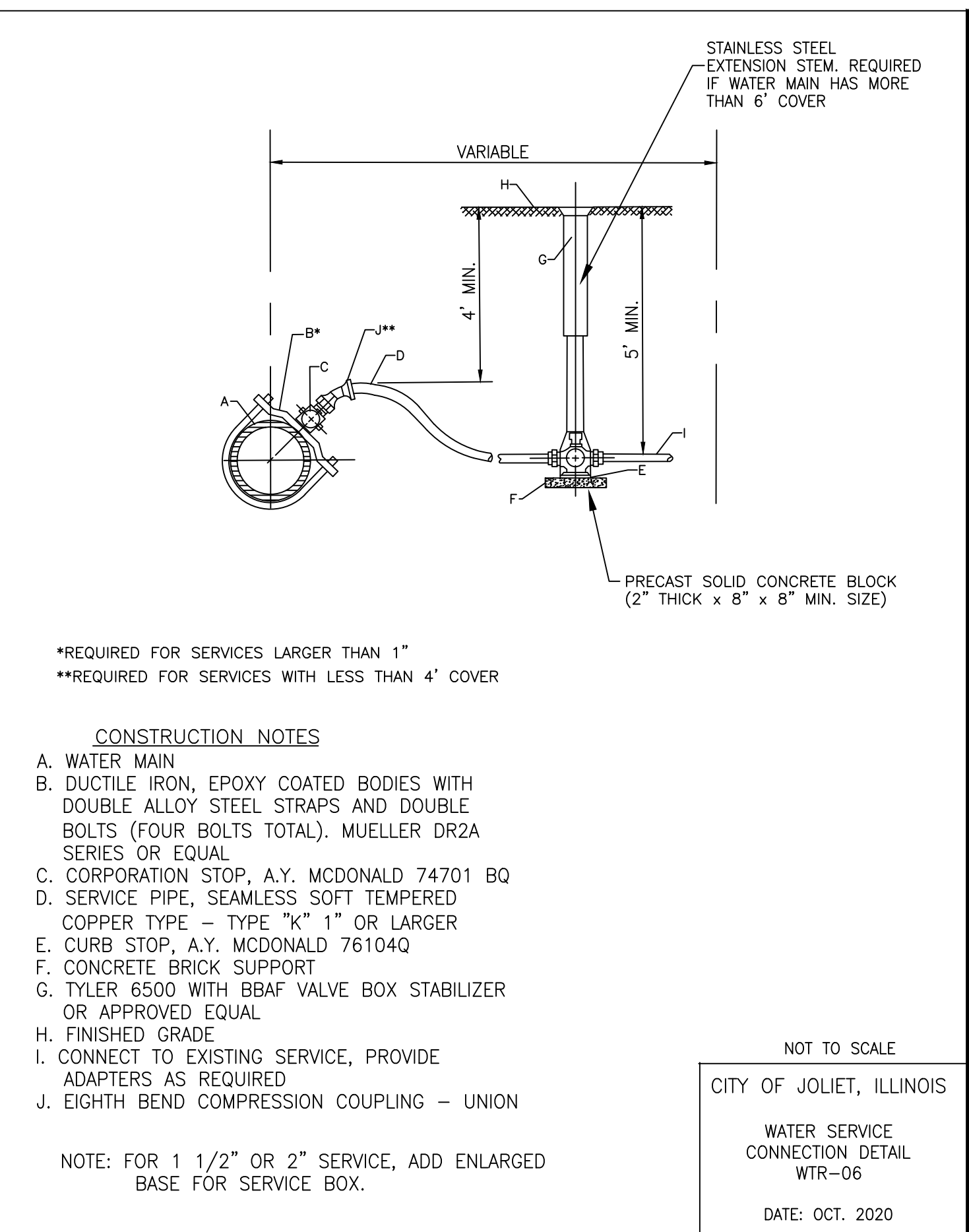
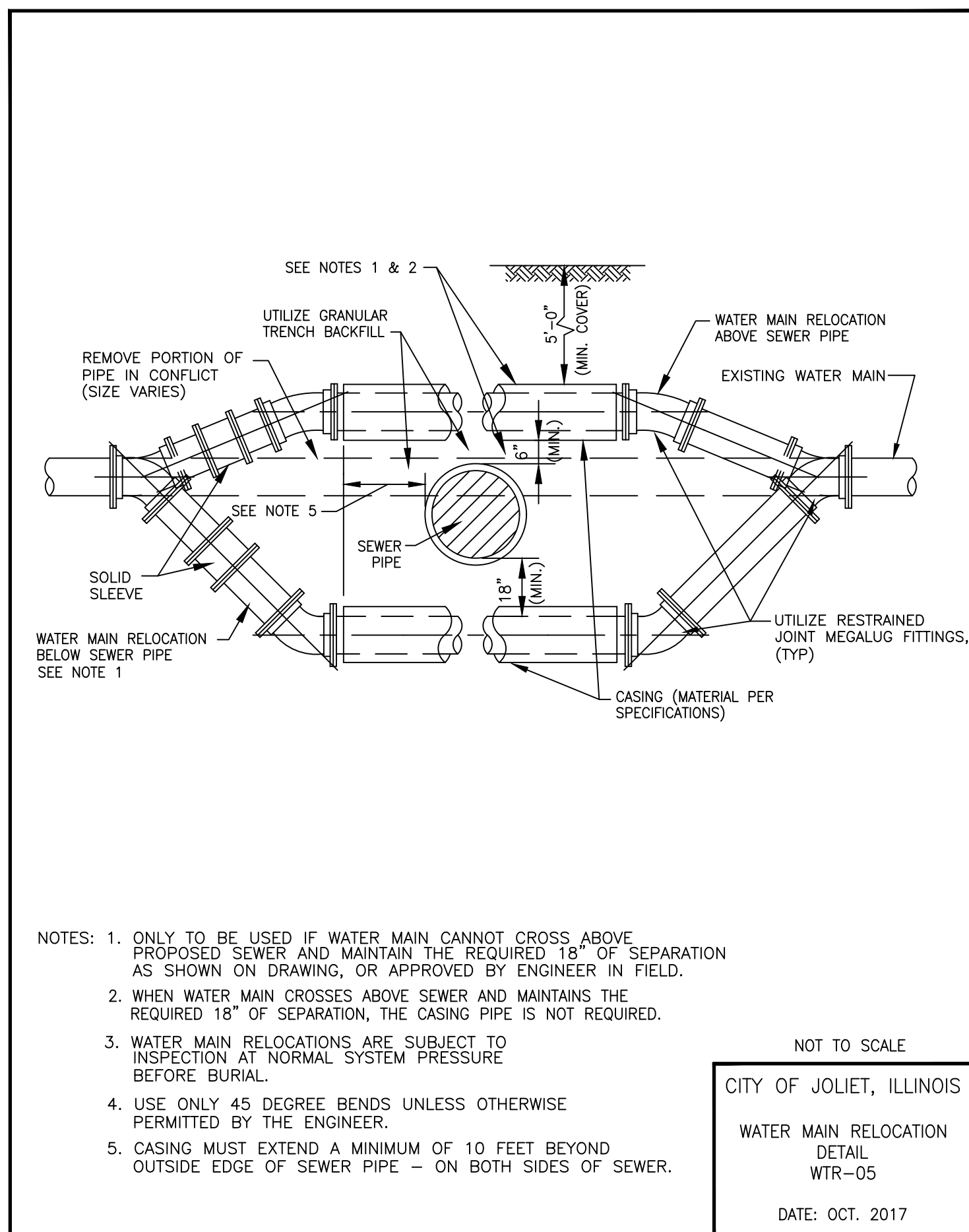
CITY OF JOLIET, ILLINOIS
PARKVIEW NORTH WATER MAIN IMPROVEMENTS
CITY OF JOLIET CONTRACT NO. 2773-0124

CONSTRUCTION DETAILS	
SCALE: AS NOTED	PROJECT NO: 221587.40

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	38
CHECKED - LMS		
DATE - 10/19/2023		

FINAL DESIGN FOR BIDDING

P:\JOLI\221587-2024 WATER MAIN SURV\CAD\PARVIEW NORTH\01_CIVIL_3D\01_SHTS-PLANS\221587-PARKVIEW NORTH_COVER_GEN_DETETS.DWG DETAILS (3)
 Plotted: 10/16/2023 8:05 PM By: ANACINO
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 State of Illinois - Professional Design Firm
 License No. - 184-001121 - Expires 4-30-25



FITTING TYPE	DIAMETER (IN)					
	4"	6"	8"	10"	12"	16"
DUCTILE IRON-RESTRAINT JOINT TYPE PIPE LENGTH (FEET)						
HORIZONTAL BEND						
11.25'	5	5	5	5	5	5
22.5'	5	5	5	5	10	10
45'	5	10	10	10	15	15
90'	15	20	20	25	30	40
VERTICAL BEND						
45'	20	25	35	40	45	60
TEE	5	5	5	5	5	5
VALVE (OPERATING PRESSURE)	20	30	35	45	50	65
VALVE (TESTING PRESSURE)	40	60	75	90	105	135
REDUCER						
6" NOMINAL PIPE	30	-	-	-	-	-
8" NOMINAL PIPE	55	35	-	-	-	-
10" NOMINAL PIPE	75	55	30	-	-	-
12" NOMINAL PIPE	90	80	55	35	-	-
16" NOMINAL PIPE	125	115	100	80	60	-

NOTE:
 RJT LENGTHS MAY VARY DEPENDING ON SITE CONDITIONS. LENGTHS SHOWN ARE MINIMUM PER 5' BURY DEPTH OF WATER MAIN AND, AGGREGATE PIPE BACKFILL.

NOT TO SCALE
 CITY OF JOLIET, ILLINOIS
 POLYWRAPPED DI RJT
 DETAIL
 WTR-09
 DATE: NOVEMBER 2022

FITTING TYPE	DIAMETER (IN)					
	4"	6"	8"	10"	12"	16"
PVC-RESTRAINT JOINT TYPE PIPE LENGTH (FEET)						
HORIZONTAL BEND						
11.25'	5	5	5	5	5	5
22.5'	5	5	5	5	5	10
45'	5	10	10	10	15	15
90'	10	15	15	20	25	35
VERTICAL BEND						
45'	15	15	20	25	30	40
TEE	5	5	5	5	5	5
VALVE (OPERATING PRESSURE)	15	20	25	30	35	45
VALVE (TESTING PRESSURE)	30	40	50	60	70	90
REDUCER						
6" NOMINAL PIPE	20	-	-	-	-	-
8" NOMINAL PIPE	35	20	-	-	-	-
10" NOMINAL PIPE	50	35	20	-	-	-
12" NOMINAL PIPE	60	50	40	20	-	-
16" NOMINAL PIPE	80	75	65	55	40	-

NOTE:
 RJT LENGTHS MAY VARY DEPENDING ON SITE CONDITIONS. LENGTHS SHOWN ARE MINIMUM PER 5' BURY DEPTH OF WATER MAIN AND, AGGREGATE PIPE BACKFILL.

NOT TO SCALE
 CITY OF JOLIET, ILLINOIS
 PVC RJT DETAIL
 WTR-09
 DATE: NOVEMBER 2022

CONSULTANTS	REVISED -
	REVISED -
	REVISED -
	REVISED -

DESIGNED - RMM	TOTAL SHEETS	SHEET NO.
DRAWN - JJS/ABN	39	39
CHECKED - LMS		
DATE - 10/19/2023		