

INDEX OF SHEETS

- 1 TITLE SHEET
- 2 GENERAL NOTES AND LEGEND
- 3-7 SUMMARY OF QUANTITIES
- 8-10 TYPICAL SECTIONS

RECONSTRUCTION

- 11-14 CHELMSFORD PLACE
- 15-20 NOGALES STREET

RESURFACING

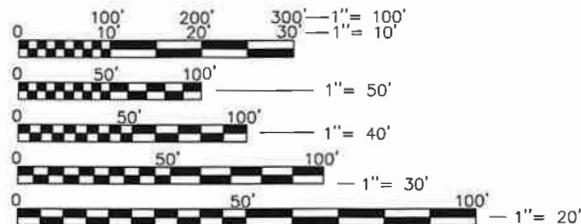
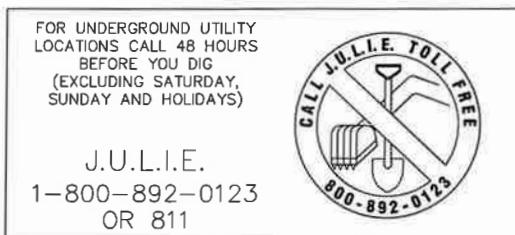
- 21-22 BRADLEY LANE
- 23-25 MORTON STREET
- 26-32 WILSHIRE DRIVE W & COVENTRY COURT

DETAILS

- 33-42 VOHE DETAIL SHEETS
- 43-47 IDOT DETAIL SHEETS
- 48-54 CROSS SECTIONS

TRAFFIC DATA

ALL STREETS SPEED LIMIT 20 MPH. ADT < 1000 UNLESS OTHERWISE NOTED.



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
26-00120-00-PV	COOK	54	1	ILLINOIS

STATE OF ILLINOIS

VILLAGE OF HOFFMAN ESTATES

DEPARTMENT OF DEVELOPMENT SERVICES

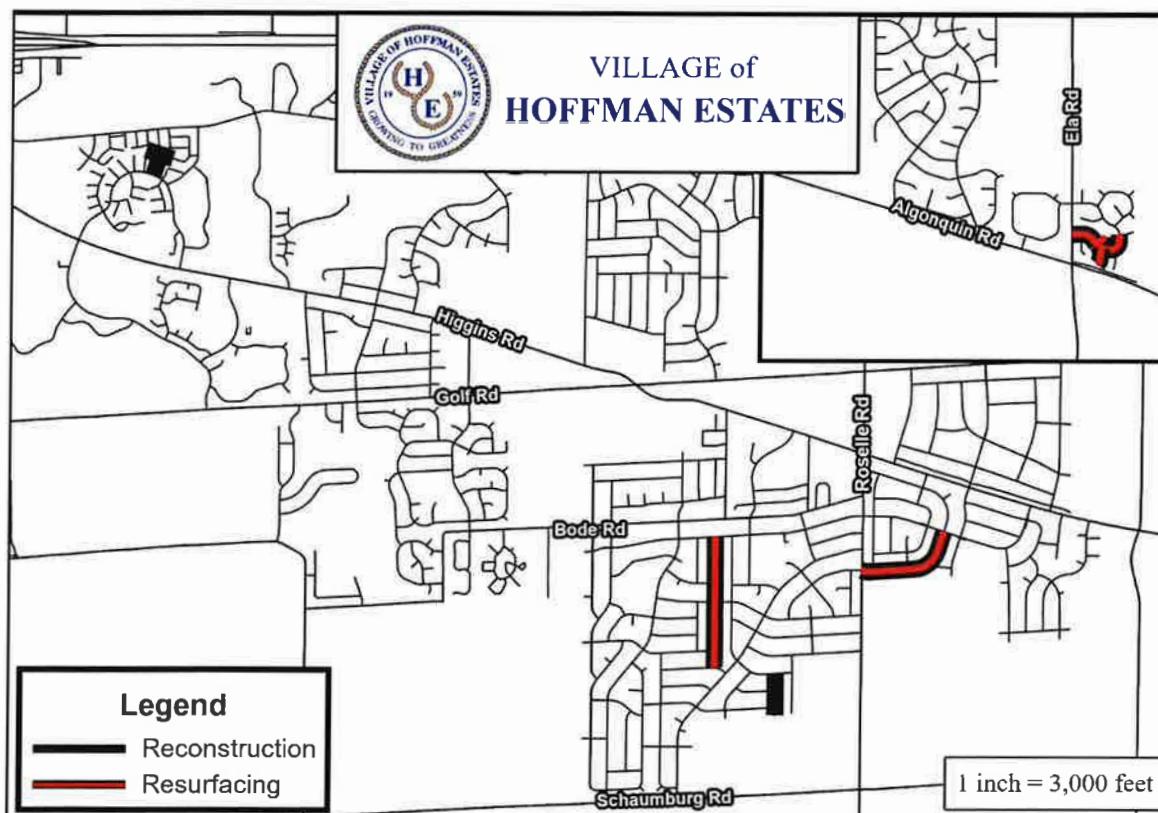
ENGINEERING DIVISION

COOK COUNTY

2026 INFRASTRUCTURE IMPROVEMENT PROJECT

SECTION NO. 26-00120-00-PV

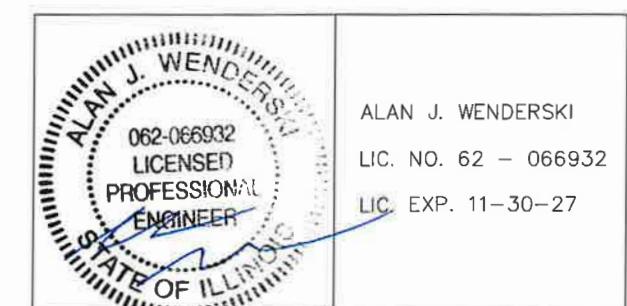
NET LENGTH OF IMPROVEMENT = 7920 FEET (1.50 MILES)



LOCATION MAP



LOCATION OF SECTION INDICATED THUS: —



GENERAL NOTES

GENERAL

- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2022. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- ITEMS OF WORK LISTED IN THE SUMMARY OF QUANTITIES WHICH ARE NOT SPECIFICALLY INDICATED IN THE PLANS SHALL BE PERFORMED AT LOCATIONS AS DIRECTED BY THE ENGINEER.
- THE ENGINEER SHALL NOT ASSUME ANY OF THE RESPONSIBILITIES OF THE CONTRACTOR'S SUPERINTENDENT OR OF SUBCONTRACTORS. ADDITIONALLY, THE ENGINEER SHALL NOT ADVISE ON, OR ISSUE DIRECTIONS CONCERNING ASPECTS OF CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OF PROCEDURES, OR SAFETY PRECAUTIONS AND/OR PROGRAMS IN CONNECTION WITH THE WORK.
- THE CONTRACTOR SHALL EXAMINE ALL PLANS AND SPECIFICATIONS, VISIT THE SITE OF THE WORK AND INFORM HIMSELF FULLY WITH THE WORK INVOLVED, GENERAL AND LOCAL CONDITIONS, ALL FEDERAL, STATE AND LOCAL LAWS, ORDINANCES, RULES AND REGULATIONS AND ALL OTHER PERTINENT ITEMS WHICH MAY AFFECT THE COST AND TIME OF COMPLETION OF THIS PROJECT BEFORE SUBMITTING A PROPOSAL.
- THE CONTRACTOR SHALL KEEP THE AREA OF CONSTRUCTION FREE OF DEBRIS AND OBJECTIONABLE MATERIALS DURING CONSTRUCTION OR THE VILLAGE RESERVES THE RIGHT TO REMOVE AND BACK CHARGE THE CONTRACTOR.
- PERMITS AND LICENSES OF A TEMPORARY NATURE NECESSARY FOR THE PROSECUTION OF THE WORK SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND HEALTHFUL WORKING CONDITIONS THROUGHOUT THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
- THE VILLAGE WILL PROVIDE SOIL BORINGS, PAVEMENT CORES, AND ENVIRONMENTAL TESTING RESULTS TO THE CONTRACTOR AT TIME OF AWARD. ANY ADDITIONAL SOIL TESTING REQUESTED BY THE CONTRACTOR SHALL BE AT THE CONTRACTOR'S EXPENSE.
- THE ENGINEER AND/OR ITS REPRESENTATIVE WILL BE PROVIDING CONSTRUCTION LAYOUT AND STAKING OF THE PROPOSED IMPROVEMENTS. IF CONTRACTOR'S OPERATIONS DAMAGE THE LAYOUT, THE VILLAGE MAY CHARGE A FEE, TO THE CONTRACTOR, TO COVER THE ADDITIONAL COSTS INCURRED BY THE VILLAGE FOR LAYOUT.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK OR CHANGING TRAFFIC STAGING.
- CONTRACTOR MAY OBTAIN A VILLAGE WATER METER FOR FREE WATER USAGE ON THIS JOB. THE WATER METER CAN BE OBTAINED BY VILLAGE PUBLIC WORKS DEPARTMENT FOR A \$2600 FEE DEPOSIT.
- ALL SPOT GRADES ON PLANS ARE FINISHED PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED

UNDERGROUND

- FOR UNDERGROUND UTILITY LOCATIONS, CALL 48 HOURS BEFORE DIGGING, (EXCLUDING SATURDAY, SUNDAY & HOLIDAYS) J.U.L.I.E. 1-800-692-0123 OR 811.
- THE LOCATIONS OF PUBLIC AND PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THEIR ACCURACY IS NOT GUARANTEED. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND ELEVATION OF ALL UTILITIES. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER AT ONCE. THE CONTRACTOR SHALL TAKE DUE CARE IN ALL PHASES OF THE CONSTRUCTION TO PROTECT ANY UTILITIES WHICH MAY BE AFFECTED BY THE WORK, INCLUDING MAKING ARRANGEMENTS FOR THE PROPER BRACING, AND OTHER REQUIRED PROTECTION, AS REQUIRED. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL VERIFY THE ELEVATION AND LOCATION OF EXISTING SEWERS PRIOR TO THE START OF CONSTRUCTION OF NEW SEWERS.

EROSION CONTROL

- SOIL DISTURBANCE SHALL BE IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
- ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR INSPECTION AND REPAIR DURING CONSTRUCTION. THE OWNER WILL BE RESPONSIBLE IF EROSION CONTROL IS REQUIRED AFTER THE CONTRACTOR HAS COMPLETED THE CONTRACT.
- THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.

EARTHWORK

- PROOF ROLLS SHALL BE CONDUCTED ON ALL SUBGRADE AT INTERVALS NOT LESS THAN 100 FEET OR AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE ADVISED THAT THE VILLAGE HAS AC WATER MAINS LOCATED ON THE STREETS TO BE RECONSTRUCTED AND SHOULD TAKE EVERY PRECAUTION NOT TO DISTURB THE EXISTING CONDITION OF THESE UTILITIES.
- SUBGRADE SHALL BE PREPARED AS PER ARTICLE 301 OF THE STANDARD SPECIFICATIONS BEFORE REMOVAL OF ANY UNSUITABLE MATERIAL.
- AGGREGATE SUBGRADE IMPROVEMENT HAS BEEN PROVIDED FOR SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE IDOT STABILITY MANUAL). NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR FOR ANY ADDITIONS TO OR DEDUCTIONS FROM THE CONTRACT AMOUNT. IF NO ADDITIONAL UNSUITABLE SOILS ARE ENCOUNTERED, THEN THE EXCESS QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR1

PAVING

- ALL SIDEWALKS WITHIN THE PROJECT LIMITS THAT ARE ADJACENT TO THE CURB SHALL BE REMOVED AND CONSTRUCTED ACCORDING TO PLAN DETAILS AND STANDARDS. CATALOG CUTS OF DETECTABLE WARNINGS MUST BE APPROVED BY THE VILLAGE BEFORE INSTALLATION.
- THE CONTRACTOR SHALL TAKE PRECAUTIONS TO NOT CAUSE EXCESS DAMAGE TO THE PARKWAY DURING SIDEWALK REMOVAL AND REPLACEMENT. DAMAGE BEYOND 2 FT BEHIND THE CURB & GUTTER AND 2 FT ON EITHER SIDE OF THE SIDEWALK SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL PROTECT ALL SIDEWALKS AND CURB & GUTTER FROM DAMAGE AND VANDALISM.
- ALL CURB SHALL BE DEPRESSED AT DRIVEWAYS.
- ALL FULL REPLACEMENT DRIVEWAY APRONS ARE CONCRETE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- AREAS OF REVERSE PITCH CURB AND GUTTER TO BE INSTALLED WILL BE MARKED IN THE FIELD BY THE ENGINEER DURING CONSTRUCTION.
- ALL RADII DIMENSIONS ARE TO THE BACK OF CURB UNLESS OTHERWISE NOTED.
- 'FRESH OIL' SIGNS SHALL BE INSTALLED AT ALL ENTRANCES 16 TO 24 HOURS PRIOR TO THE PLACEMENT OF TACK COAT.

STATE STANDARDS

(INCLUDED FOR REFERENCE ONLY)

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424016-05	MID BLOCK CURB RAMPS
424021-05	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
602601-06	PRECAST REINFORCED FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
604036-03	GRATE TYPE 8
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600 MM) FROM PAVT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS-DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRaversable MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

DISTRICT ONE DETAILS

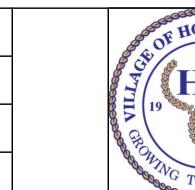
BD-07 DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
 BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
 BD-32 BUTT JOINT AND HMA TAPER DETAILS
 TC-10 TRAFFIC CONTROL & PROTECTION FOR SIDE ROADS, INTERSECTIONS, & DRIVEWAYS
 TC-13 TYPICAL PAVEMENT MARKINGS

LEGEND

EXISTING	PROPOSED	
○	○	SANITARY MANHOLE
◎	◎	STORM MANHOLE
●	●	CATCH BASIN
□	□	STORM INLET
⊗	⊗	VALVE & VAULT
○	○	FIRE HYDRANT
⊗	⊗	STREET LIGHT
—	—	STREET SIGN
—	—	STORM SEWER
—	—	SANITARY SEWER
—	—	WATER MAIN
□	□	MAIL BOX
○	○	POWER POLE
—	—	DETECTABLE WARNINGS
—	—	STREET LIGHT CABLE
—	—	STREET LIGHT CABLE CONDUIT
○	○	NICOR GAS VALVE
A	A	AT&T BURIED UTILITY
AT&T	AT&T	AT&T BURIED UTILITY
TV	TV	COMCAST BURIED UTILITY
E	E	COMED BURIED UTILITY
IG	IG	NICOR BURIED UTILITY
FO	FO	VILLAGE FIBER OPTIC CABLE
WS	WS	WEST SHORE PIPELINE
OH	OH	OVERHEAD UTILITY
—	—	STORM SEWER TO BE REMOVED
—	—	LAMP POST

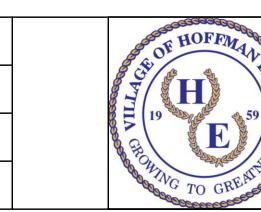
RCN	STRUCTURES TO BE RECONSTRUCTED
ADJ	STRUCTURES TO BE ADJUSTED
G	NEW GRATE
F&G	NEW FRAME AND GRATE
F&L	NEW FRAME AND LID
C	EXISTING CONCRETE APRON
C/A	EXISTING CONCRETE & ASPHALT APRON
A	EXISTING ASPHALT APRON

○	TREE
■■■	PROPOSED SIDEWALK
■■■■■	REMOVAL OF SIDEWALK
■■■■■■	PAVEMENT PATCHING
■■■■■■■	DITCH GRADING



SUMMARY OF QUANTITIES

PAY ITEM #	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CHELMSFORD PL	NOGALES ST	MISC.	BRADLEY LN	COVENTRY CT	MORTON ST	WILSHRE DR
HE201000	TREE ROOT PRUNING	EACH	42	2	7		7	4	19	3
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	30		30					
20100500	TREE REMOVAL, ACRES	ACRE	0		0					
20101000	TEMPORARY FENCE	FOOT	200		100	100				
20200100	EARTH EXCAVATION	CU YD	1,771	869	902					
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	CU YD	500	200	300					
20400800	FURNISHED EXCAVATION	CU YD	13		13					
20800150	TRENCH BACKFILL	CU YD	2,720	398	840		142		100	1,240
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	5,096	2,591	2,505					
21301072	EXPLORATORY TRENCH 72" DEPTH	FOOT	100			50				50
21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	9,907	1,200	2,991		1,756	239	1,751	1,971
HE250000	EROSION CONTROL BLANKET WITH SEED, SPECIAL	SQ YD	5,716				1,756	239	1,751	1,971
HE252000	SODDING, SPECIAL	SQ YD	4,191	1,200	2,991					
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	87	25	62					
28000305	TEMPORARY DITCH CHECKS	FOOT	20		20					
28000510	INLET FILTERS	EACH	54	6	11		9	1	17	10
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	4,191	1,200	2,991					
28100105	STONE RIPRAP, CLASS A3	SQ YD	25		25					
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	500	200	300					
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	5,096	2,591	2,505					
HE322924	RETAINING WALL REMOVAL	SQ FT	30		30					
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	805	250	310		25		20	200
HE406000	BITUMINOUS MATERIALS - TRACKLESS TACK COAT	POUND	15,100	1,556	1,505		3,575	701	4,597	3,165
40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	514				153	30	196	135
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	151	151						

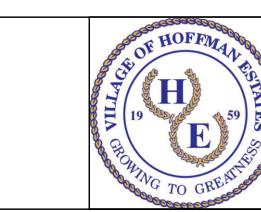
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PLOTTED _____
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CROSS SECTION NO. _____PROFILE SURVEYED _____
PLOTTED _____
NOTE: BOOK GRADES CHECKED _____
B.M. NO. _____
STRUCTURE NOTES: _____
CROSS SECTION NO. _____FILE NAME =
2026 Summary of Quantities.dwgDESIGNED -
DRAWN -
CHECKED -
DATE - 01/15/2026REVISED -
REVISED -
REVISED -
REVISED -VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-58002026 Infrastructure Improvement Project
Summary of Quantities
SCALE: NTS SHEET NO. 1 OF 5 SHEETSF.A.U. SECTION COUNTY TOTAL SHEET NO.
RTE. 26-00120-00-PV Cook 54 3
CONTRACT. NO.
ILLINOIS

SUMMARY OF QUANTITIES

PAY ITEM #	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CHELMSFORD PL	NOGALES ST	MISC.	BRADLEY LN	COVENTRY CT	MORTON ST	WILSHIRE DR
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1,675	90	42		458	90	589	406
40701801	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6"	SQ YD	3,490	1,260	2,230					
HE407300	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	140		30		30		70	10
HE423060	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	1,620		325		400	55	650	190
HE423080	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	53							53
HE424000	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	40,550	5,100	7,350		8,500	1,600	9,400	8,600
HE424001	PORTLAND CEMENT CONCRETE STEPS REMOVE AND REPLACE, SPECIAL	SQ FT	300	300						
HE424008	DETECTABLE WARNINGS, SPECIAL	SQ FT	478	20	96		88	8	112	154
44000100	PAVEMENT REMOVAL	SQ YD	4,535	2,305	2,230					
HE440015	VARIABLE DEPTH GRINDING (0 INCH TO 3 INCH)	SQ YD	18,198		363		5,297	1,038	6,811	4,689
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,813		355		430	55	720	253
44000500	COMBINATION CONCRETE CURB AND GUTTER REMOVAL	FOOT	3,550	1,750	1,800					
44000600	SIDEWALK REMOVAL	SQ FT	40,150	4,900	7,350		8,300	1,600	9,400	8,600
HE442060	CLASS D PATCH, SPECIAL, 6 INCH	SQ YD	1,175				155			1,020
HE442070	CLASS D PATCH, SPECIAL, 7 INCH	SQ YD	135							135
HE442090	CLASS D PATCH, SPECIAL, 9 INCH	SQ YD	140		140					
HE542485	CONCRETE COLLAR, SPECIAL	EACH	2			1	1			
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1, 12"	FOOT	1,078	243	60		349			426
550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1, 15"	FOOT	57	8	33					16
550A2340	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1, 18"	FOOT	8				8			
550A2360	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1, 24"	FOOT	172		172					
HE550P06	STORM SEWERS, SOLID PVC PIPE, 6 INCH	FOOT	20							20
HE550P08	STORM SEWERS, SOLID PVC PIPE, 8 INCH	FOOT	22		22					
HE550P10	STORM SEWERS, SOLID PVC PIPE, 10 INCH	FOOT	5							5
HE550P12	STORM SEWERS, SOLID PVC PIPE, 12 INCH	FOOT	141		141					

PLAN SURVEYED _____ PLOTTED _____ CHECKED _____ RCD OF NAME _____

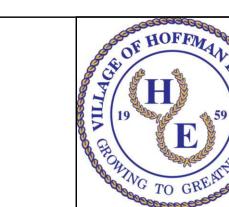
PROFILE SURVEYED _____ PLOTTED _____ GRADES CHECKED _____ B.M. NO. _____ STRUCTURE NOTATNS CHkd _____

FILE NAME =
2026 Summary of Quantities.dwgDESIGNED -
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DATE - 01/15/2026REVISED -
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1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-58002026 Infrastructure Improvement Project
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SCALE: NTS SHEET NO. 2 OF 5 SHEETSF.A.U. SECTION COUNTY TOTAL SHEET NO.
RTE. 26-00120-00-PV Cook 54 4
CONTRACT. NO.

ILLINOIS

SUMMARY OF QUANTITIES

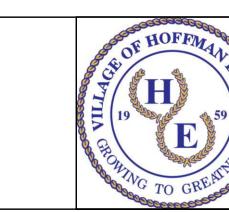
PAY ITEM #	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CHELMSFORD PL	NOGALES ST	MISC.	BRADLEY LN	COVENTRY CT	MORTON ST	WILSHIRE DR
HE550P24	STORM SEWERS, SOLID PVC PIPE, 24 INCH	FOOT	32		32					
HE550110	STORM SEWER, TYPE 1, WATER MAIN QUALITY PIPE, 10"	FOOT	10						10	
HE550112	STORM SEWER, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	78		20				58	
HE550118	STORM SEWER, TYPE 1, WATER MAIN QUALITY PIPE, 18"	FOOT	10						10	
HE550121	STORM SEWER, TYPE 1, WATER MAIN QUALITY PIPE, 21"	FOOT	10						10	
HE550550	POST CONSTRUCTION TELEVISING	FOOT	1,204	243	186	349	426			
HE551000	DIRECT CONNECTION TO STORM SEWER, SPECIAL	EACH	6		1	5				
55100200	STORM SEWER REMOVAL 6"	FOOT	20					20		
55100400	STORM SEWER REMOVAL 10"	FOOT	95					61	34	
55100500	STORM SEWER REMOVAL 12"	FOOT	626	159	35	28	370	34		
55100700	STORM SEWER REMOVAL 15"	FOOT	57	8	33			16		
55100900	STORM SEWER REMOVAL 18"	FOOT	18			8			10	
55101100	STORM SEWER REMOVAL 21"	FOOT	187		177				10	
55101300	STORM SEWER REMOVAL 27"	FOOT	37		37					
HE561060	WATER MAIN 6"	FOOT	222	28	78				116	
HE561080	WATER MAIN 8"	FOOT	1,704	465	986				253	
HE561100	WATER MAIN 10"	FOOT	1,240					1,240		
HE561120	WATER MAIN 12"	FOOT	15					15		
HE561101	DISCONNECT FROM EXISTING WATERMAIN	EACH	3	1		1			1	
HE562007	COPPER WATER SERVICE (TYPE K) 0.75"	FOOT	16					16		
HE562015	COPPER WATER SERVICE (TYPE K) 1.5"	FOOT	2,102	1,071	451			580		
HE563004	SANITARY SEWER, PVC SDR 26, 4", SPECIAL	FOOT	215		115				100	
HE563006	SANITARY SEWER, PVC SDR 26, 6", SPECIAL	FOOT	66		50	10		6		
HE563008	SANITARY SEWER, PVC SDR 26, 8", SPECIAL	FOOT	119		93	10		16		
HE563012	SANITARY SEWER, PVC SDR 26, 12", SPECIAL	FOOT	30		30					

PLAN SURVEYED _____
PLOTTED _____
NOTE, BOOK ALIGNMENT CHECKED _____
RPT OF W.A. CHECKED _____
CROSS SECTION NAME _____PROFILE SURVEYED _____
PLOTTED _____
NOTE, BOOK GRADES CHECKED _____
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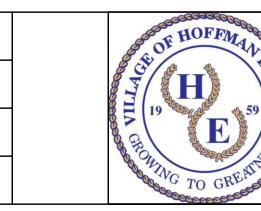
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HE563015	SANITARY SEWER, PVC SDR 26, 15", SPECIAL	FOOT	40				40			
HE563104	SANITARY SEWER REMOVAL, 4", SPECIAL	FOOT	223		115				8	100
HE563106	SANITARY SEWER REMOVAL, 6", SPECIAL	FOOT	70		50	15			5	
HE563108	SANITARY SEWER REMOVAL, 8", SPECIAL	FOOT	98		77	5			16	
HE563112	SANITARY SEWER REMOVAL, 12", SPECIAL	FOOT	30		30					
HE563115	SANITARY SEWER REMOVAL, 15", SPECIAL	FOOT	40				40			
HE563206	SANITARY SEWER SERVICE CONNECTION, 6", SPECIAL	EACH	5		3		1		1	
HE564000	FIRE HYDRANT WITH AUXILLARY VALVE AND VALVE BOX	EACH	10	1	4					5
HE564100	FIRE HYDRANT REMOVAL	EACH	7	2	1					4
HE564400	SANITARY MANHOLES, 4 FOOT DIAMETER, SPECIAL	EACH	6		2		4			
HE564450	SANITARY DROP MANHOLES, 4 FOOT DIAMETER, SPECIAL	EACH	3		2		1			
HE565000	SANITARY MANHOLES, ADJUST, SPECIAL	EACH	4						1	3
HE565500	SANITARY MANHOLES, RECONSTRUCT, SPECIAL	EACH	3							3
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	9		9					
HE601004	PIPE UNDERDRAINS, FABRIC LINED TRENCH, 4", SPL	FOOT	202	90	34		54		24	
HE602104	CATCH BASINS, 4 FOOT DIAMETER	EACH	6	2	1		2		1	
HE602200	INLETS, 2 FOOT DIAMETER	EACH	12	3	4		1		4	
HE602400	MANHOLES, 4 FOOT DIAMETER	EACH	9	1	3		3		2	
HE602500	MANHOLES, 5 FOOT DIAMETER	EACH	1		1					
HE602548	GATE VALVE 8" WITH VAULT, 4' DIAMETER	EACH	13	3	5					5
HE602551	GATE VALVE 10" WITH VAULT, 5' DIAMETER	EACH	6							6
HE602552	GATE VALVE 10" WITH VAULT, 5' DIAMETER, SPECIAL	EACH	1							1
HE602900	ABANDON VALVE BOX	EACH	3		3					
HE603000	MANHOLES TO BE ADJUSTED	EACH	29		6		7		6	10
HE603100	MANHOLES TO BE ADJUSTED, SPECIAL	EACH	1						1	

PLAN SURVEYED _____
PLOTTED _____
NOTE BOOK ALIGNMENT CHECKED _____
RIO OF NAME CHECKED _____
CROSS LINE NAME NO. _____PROFILE SURVEYED _____
PLOTTED _____
NOTE BOOK GRADES CHECKED _____
B.M. NO. _____
STRUCTURE NOTATNS CHkd _____
NO. _____FILE NAME =
2026 Summary of Quantities.dwgDESIGNED -
DRAWN -
CHECKED -
DATE - 01/15/2026REVISED -
REVISED -
REVISED -
REVISED -VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-58002026 Infrastructure Improvement Project
Summary of Quantities
SCALE: NTS SHEET NO. 4 OF 5 SHEETSF.A.U. SECTION COUNTY TOTAL SHEET
RTE. 26-00120-00-PV Cook 54 6
CONTRACT. NO.

ILLINOIS

SUMMARY OF QUANTITIES

PAY ITEM #	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY					
HE603500	MANHOLES TO BE RECONSTRUCTED	EACH	1	1				
HE604007	FRAMES AND GRATES, DEPRESSED GRATE	EACH	1					1
60402210	GRATES, TYPE 8	EACH	1	1				
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	6	4			2	
HE604060	FRAMES AND LIDS, STORM, TYPE 1, CLOSED LID, SPECIAL	EACH	4	2	2			
HE604061	FRAMES AND LIDS, SANITARY, TYPE 1, CLOSED LID, SPECIAL	EACH	16	4	5	4	3	
HE604062	FRAMES AND LIDS, WATER, TYPE 1, CLOSED LID, SPECIAL	EACH	20	3	5			12
HE604300	FRAMES AND GRATES, FOR M3.12 CURB	EACH	16	4	2	1	4	5
HE604605	FRAMES AND GRATES, FOR B6.12 CURB	EACH	13	2	1		1	9
60500040	REMOVING MANHOLES	EACH	18	3	6	6		3
60500060	REMOVING INLETS	EACH	10	3	2	1		4
HE605500	ABANDONING MANHOLES, SPECIAL	EACH	12	2				10
HE606100	COMBINATION CONCRETE CURB AND GUTTER, M3.12, SPECIAL	FOOT	2,700	900	1,800			
HE606200	COMBINATION CONCRETE CURB AND GUTTER, B6.12, SPECIAL	FOOT	920	920				
HE606300	COMBINATION CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT, SPECIAL	FOOT	6,340			2,300	275	1,715 2,050
HE606900	CONCRETE FRONT FILL, SPECIAL	FOOT	1,000		1,000			
HE664000	FENCE REMOVAL AND REINSTALLATION	FOOT	21	21				
HE701014	TRAFFIC CONTROL AND PROTECTION	LUMP SUM	1		1			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	24		24			
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	48		48			
HE720010	REMOVE AND RESET SIGN	EACH	14	5	6	1		2
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	963	963				
78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	208	55		53		100
78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	72	12		24	24	12

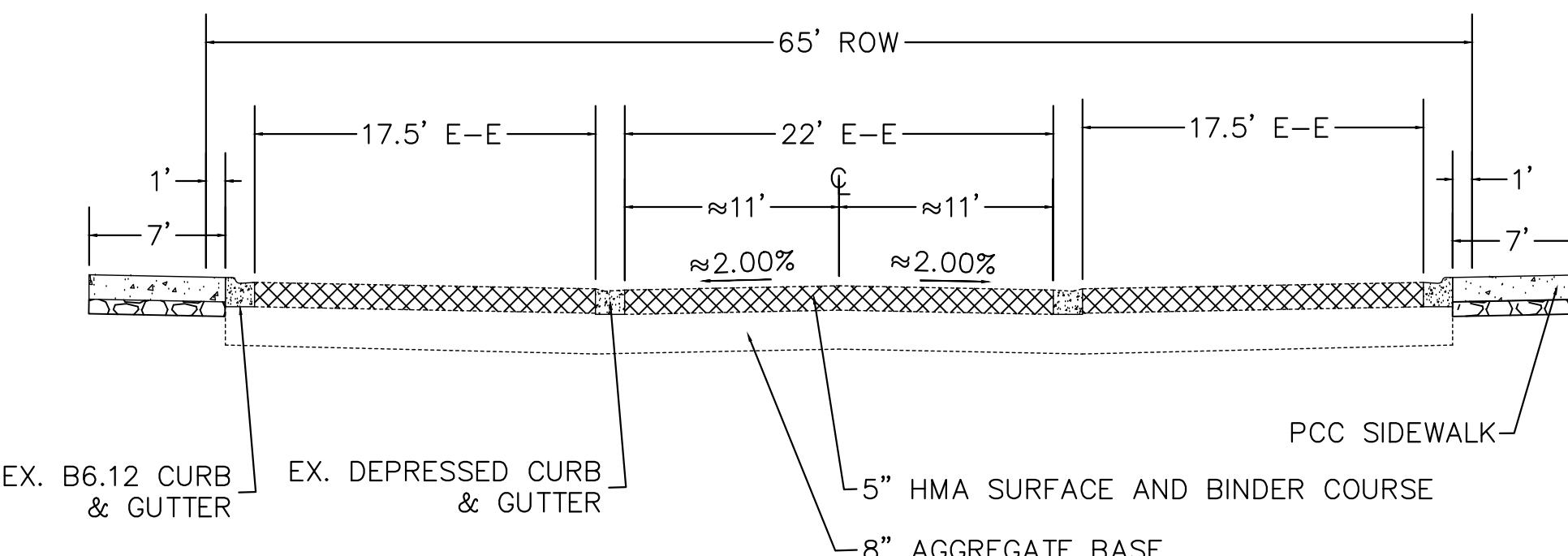
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PLOTTED _____
NOTE: BOOK ALIGNMENT CHECKED _____
NO. _____
NAME _____DATE _____
BY _____
DATE _____
GRADE _____
NOTES _____
NO. _____
STRUCTURE _____
NOTATNS CHkd _____FILE NAME =
2026 Summary of Quantities.dwgDESIGNED -
DRAWN -
CHECKED -
DATE - 01/15/2026REVISED -
REVISED -
REVISED -
REVISED -VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-58002026 Infrastructure Improvement Project
Summary of Quantities

SCALE: NTS SHEET NO. 5 OF 5 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
26-00120-00-PV	Cook	54	7	CONTRACT. NO.
ILLINOIS				

EXISTING TYPICAL SECTION

CHELMSFORD PL



CHELMSFORD PL

HOT-MIX ASPHALT MIXTURE REQUIREMENT

PCC SIDEWALK, 5 INCH (AS DETERMINED BY ENGINEER)

QMP

MIXTURE TYPE	AIR Voids @ Ndes	QMP
FULL DEPTH PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5"	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4.5"	4% @ 50 GYR	QC/QA
DRIVeways		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3"	4% @ 50 GYR	QC/QA

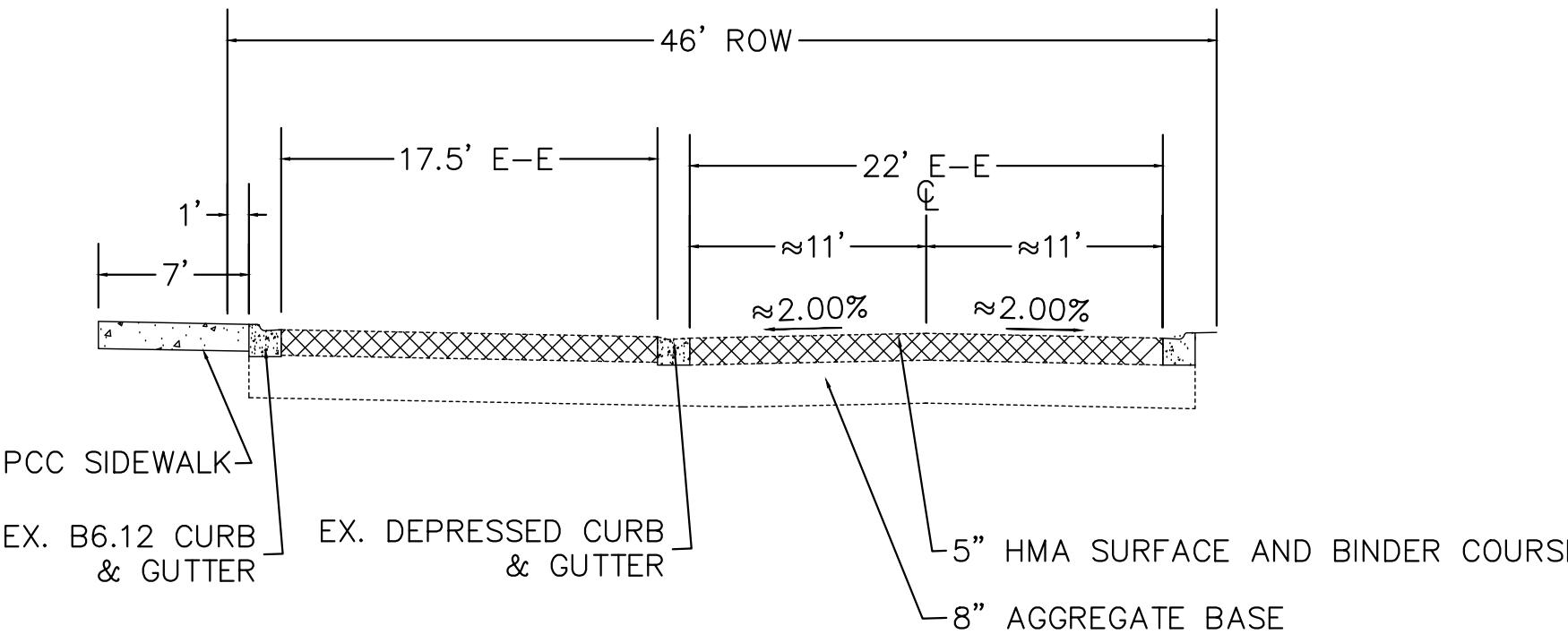
NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

PAVEMENT DESIGN

ADT	1,000	DESIGN PG BINDER	PG 64-22
PV	930	DESIGN PAVEMENT HMA TEMPERATURE	74° F
SU	50	DESIGN HMA MODULUS	720 KSI
MU	20	DESIGN HMA MICROSTRAIN	147
SUBGRADE SUPPORT RATING	POOR	DESIGN PAVEMENT THICKNESS	6"
FLEXIBLE TRAFFIC FACTOR	0.13	SUBGRADE	12"

EXISTING TYPICAL SECTION

CHELMSFORD PL AUX



CHELMSFORD PL AUX

HOT-MIX ASPHALT MIXTURE REQUIREMENT

PCC SIDEWALK, 5 INCH (AS DETERMINED BY ENGINEER)

QMP

MIXTURE TYPE	AIR Voids @ Ndes	QMP
FULL DEPTH PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5"	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4.5"	4% @ 50 GYR	QC/QA
DRIVeways		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3"	4% @ 50 GYR	QC/QA

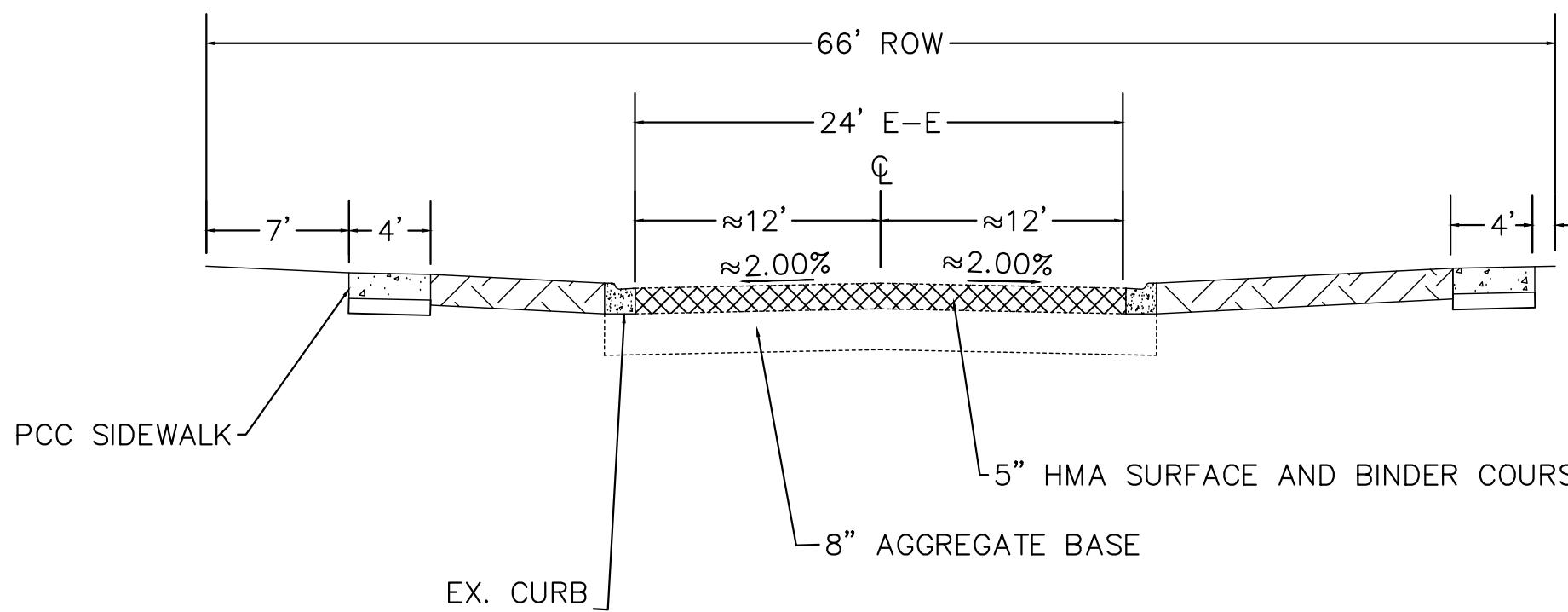
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PAVEMENT DESIGN

ADT	1,000	DESIGN PG BINDER	PG 64-22
PV	930	DESIGN PAVEMENT HMA TEMPERATURE	74° F
SU	50	DESIGN HMA MODULUS	720 KSI
MU	20	DESIGN HMA MICROSTRAIN	147
SUBGRADE SUPPORT RATING	POOR	DESIGN PAVEMENT THICKNESS	6"
FLEXIBLE TRAFFIC FACTOR	0.13	SUBGRADE	12"

EXISTING TYPICAL SECTION

NOGALES ST



NOGALES ST

HOT-MIX ASPHALT MIXTURE REQUIREMENT

PCC SIDEWALK, 5 INCH (AS DETERMINED BY ENGINEER)

QMP

MIXTURE TYPE	AIR Voids @ Ndes	QMP
FULL DEPTH PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5"	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4.5"	4% @ 50 GYR	QC/QA
DRIVeways		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3"	4% @ 50 GYR	QC/QA

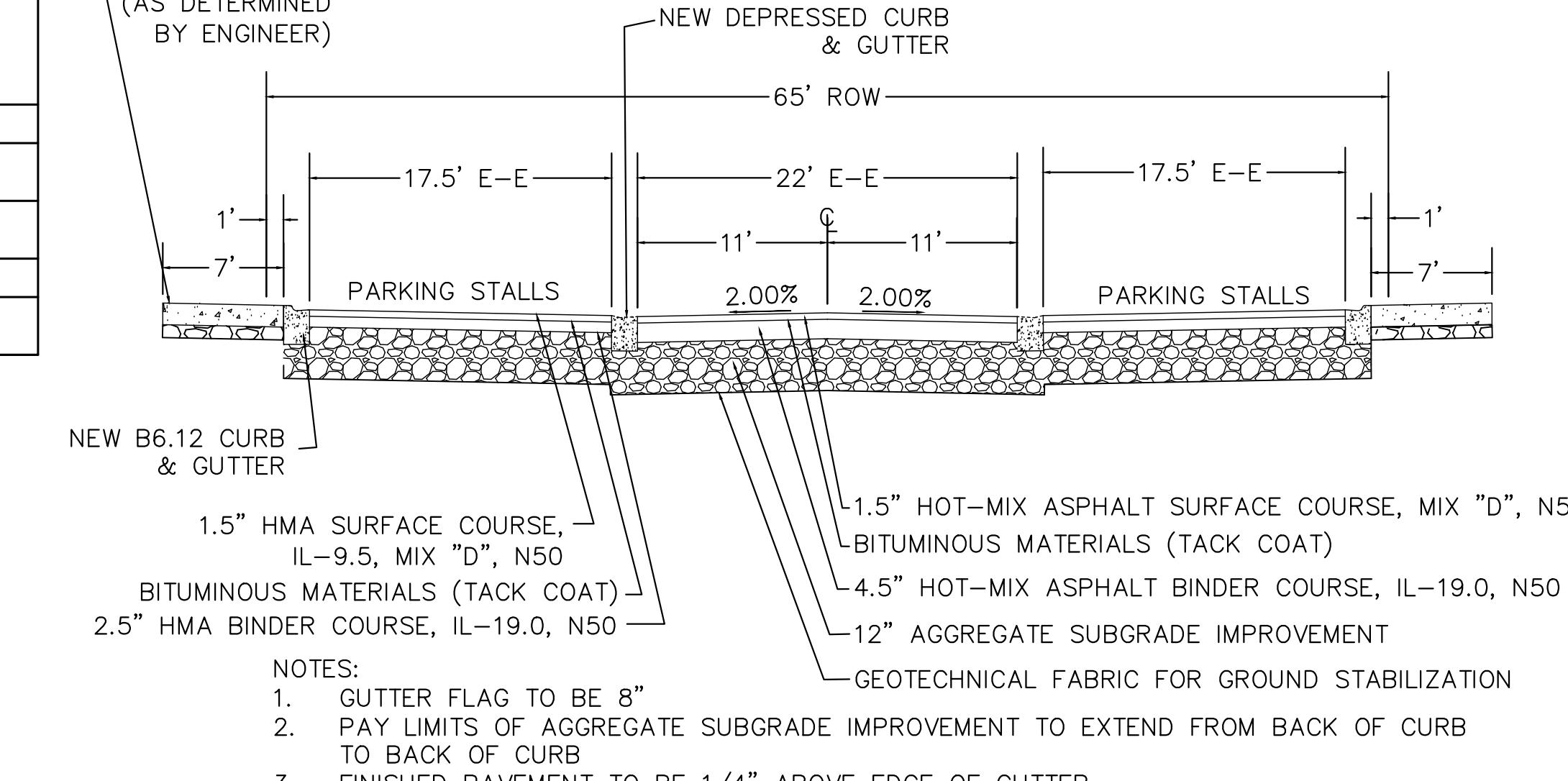
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PAVEMENT DESIGN

ADT	1,000	DESIGN PG BINDER	PG 64-22
PV	930	DESIGN PAVEMENT HMA TEMPERATURE	74° F
SU	50	DESIGN HMA MODULUS	720 KSI
MU	20	DESIGN HMA MICROSTRAIN	147
SUBGRADE SUPPORT RATING	POOR	DESIGN PAVEMENT THICKNESS	6"
FLEXIBLE TRAFFIC FACTOR	0.13	SUBGRADE	12"

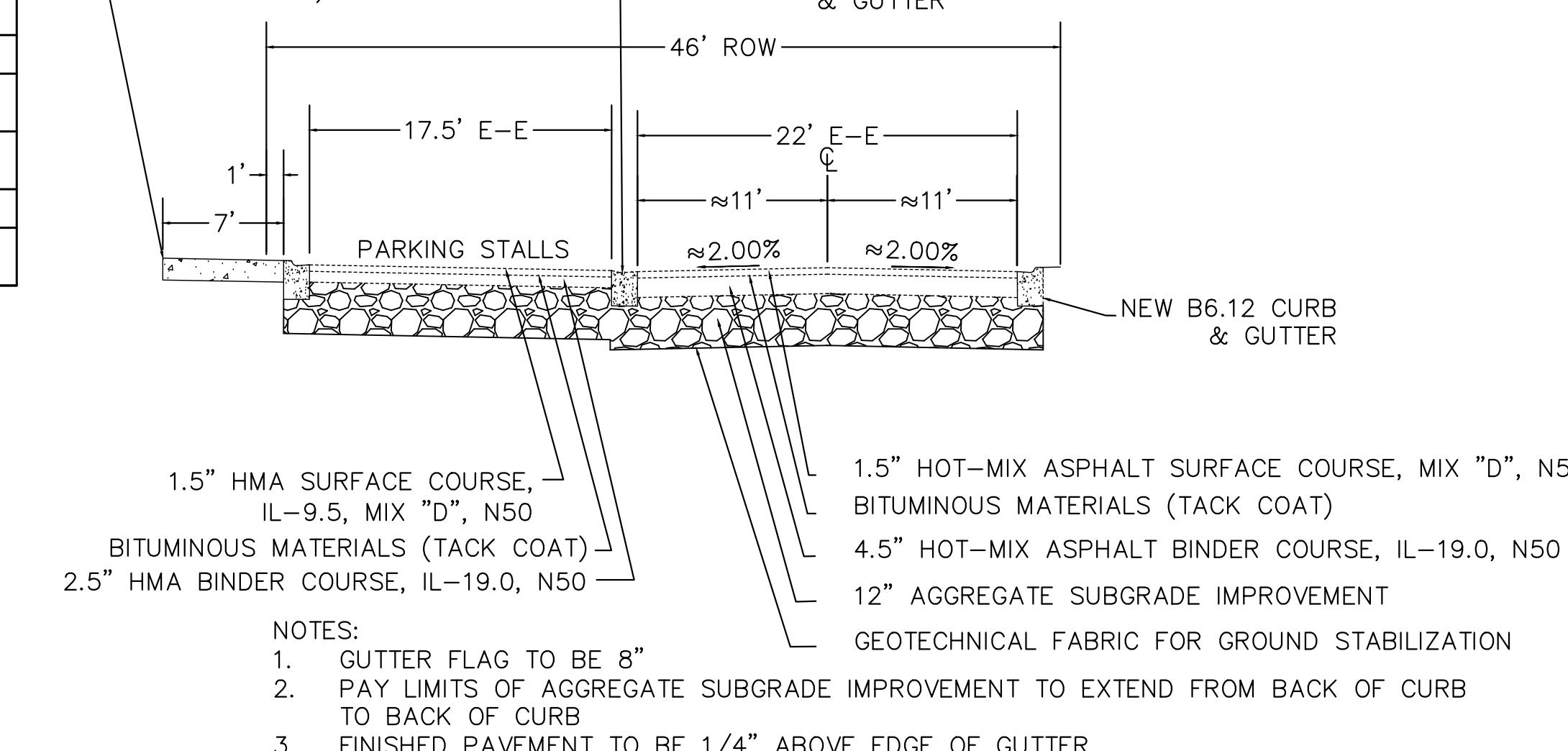
PROPOSED TYPICAL SECTION

CHELMSFORD PL



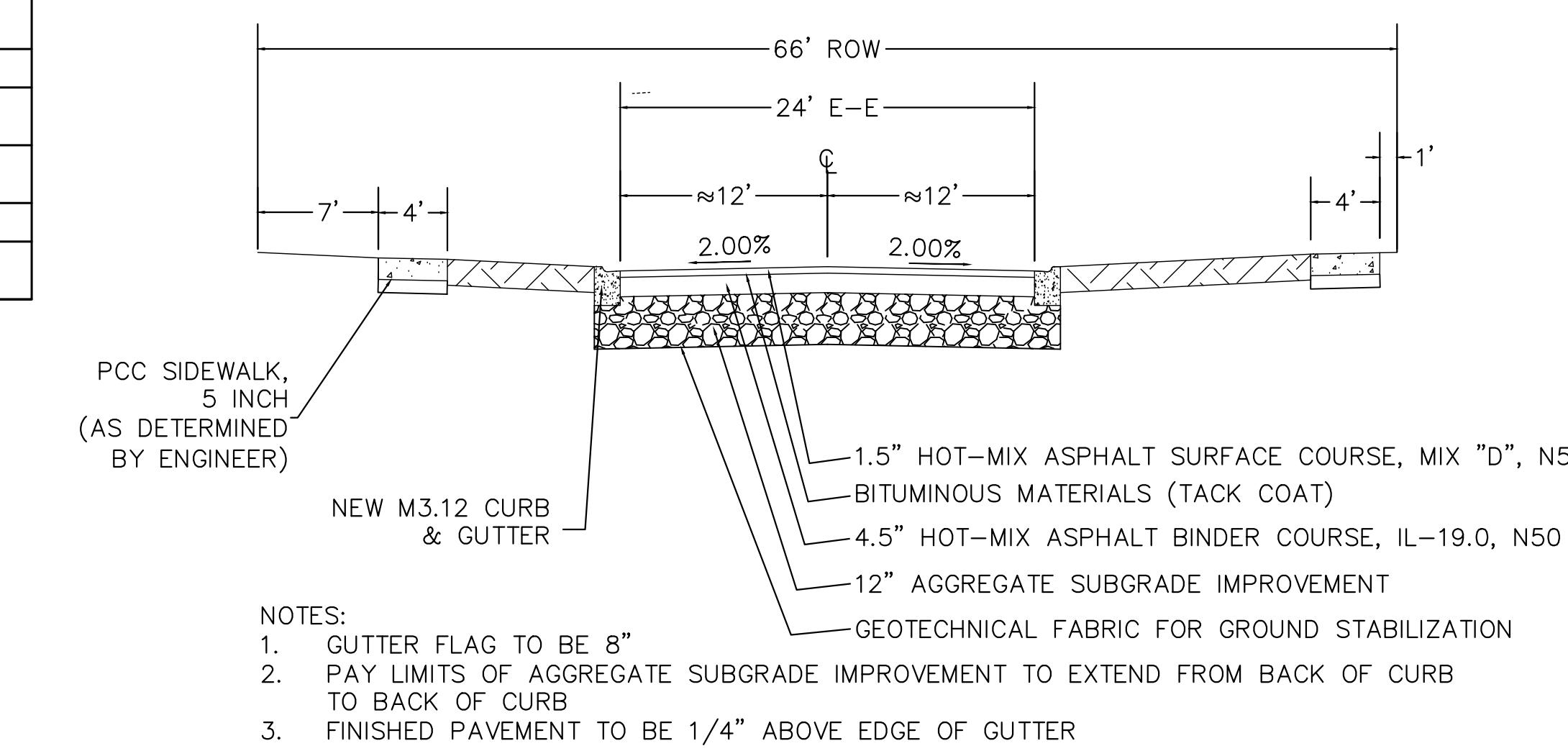
PROPOSED TYPICAL SECTION

CHELMSFORD PL AUX



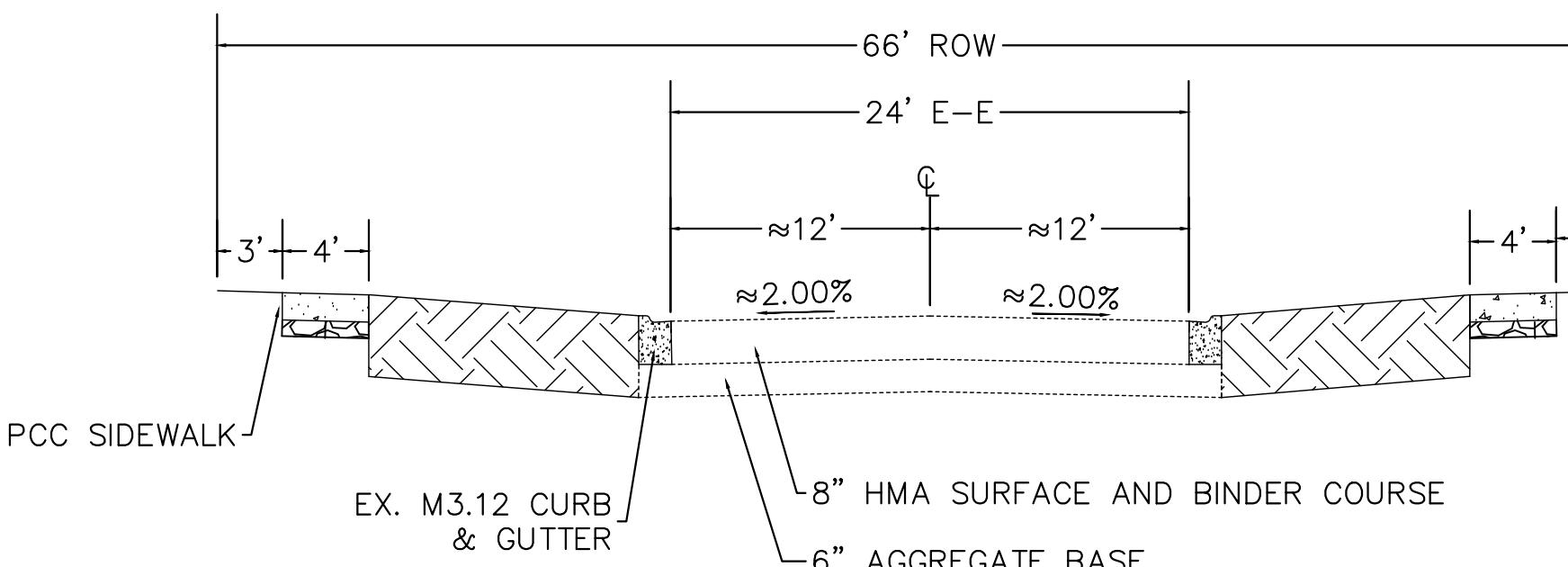
PROPOSED TYPICAL SECTION

NOGALES ST



EXISTING TYPICAL SECTION

BRADLEY LN



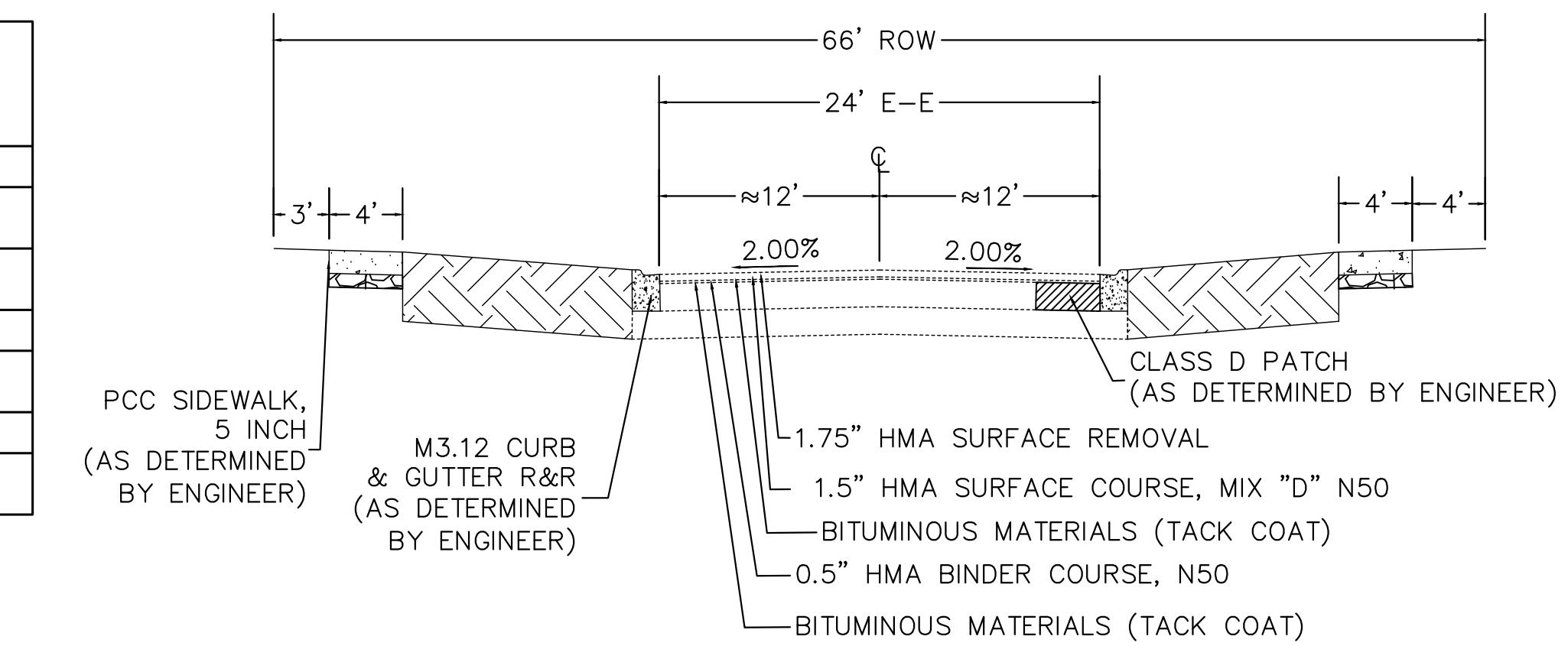
BRADLEY LN

HOT-MIX ASPHALT MIXTURE REQUIREMENT		QMP
MIXTURE TYPE	AIR Voids @ Ndes	
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5"	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50; 0.5"	4% @ 50 GYR	QC/QA
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3"	4% @ 50 GYR	QC/QA
PATCHING		
CLASS D PATCH (HMA BINDER, IL-19.0 mm); 6 INCH (2 LIFTS)	4% @ 70 GYR	QC/QA

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED
HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

PROPOSED TYPICAL SECTION

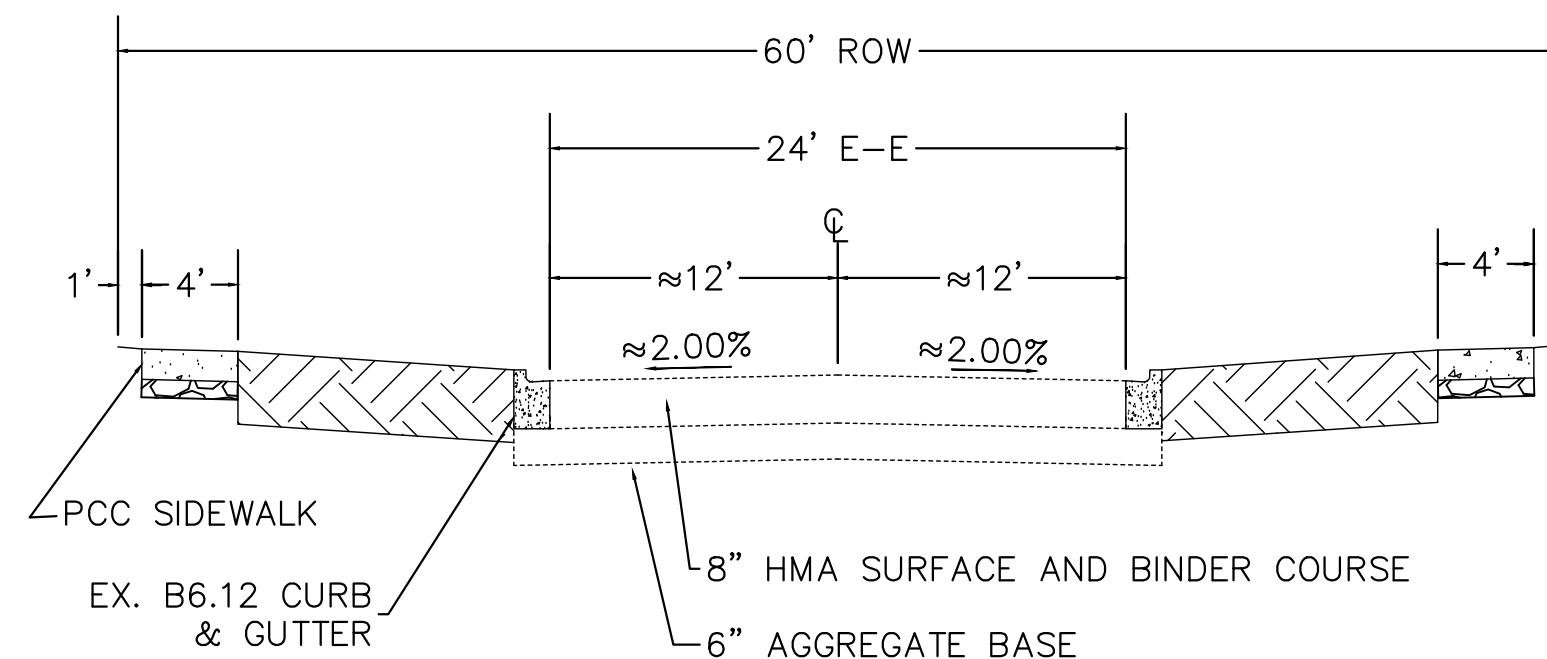
BRADLEY LN



NOTE:
1. GUTTER FLAG TO MATCH PAVEMENT THICKNESS (MINIMUM 8")
2. FINISHED PAVEMENT TO BE 1/4" ABOVE EDGE OF GUTTER

EXISTING TYPICAL SECTION

COVENTRY CT



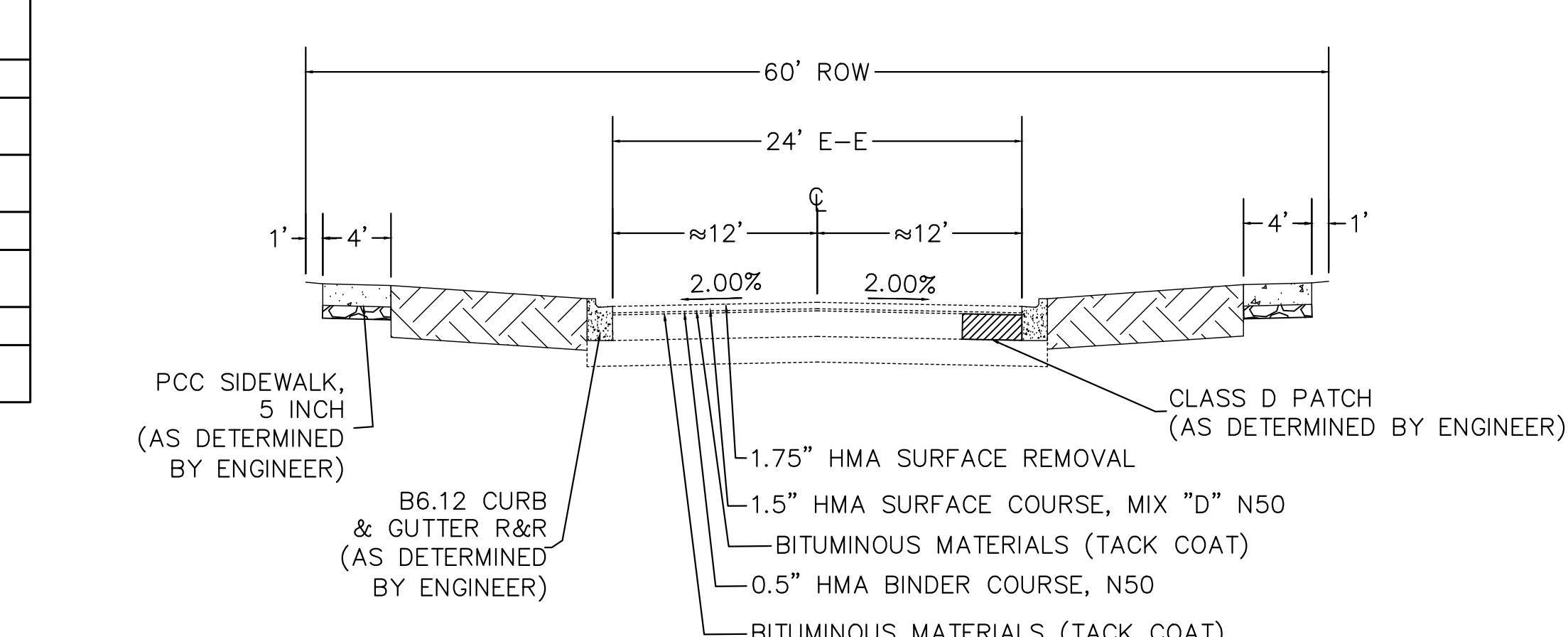
COVENTRY CT

HOT-MIX ASPHALT MIXTURE REQUIREMENT		QMP
MIXTURE TYPE	AIR Voids @ Ndes	
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5"	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50; 0.75"	4% @ 50 GYR	QC/QA
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3"	4% @ 50 GYR	QC/QA
PATCHING		
CLASS D PATCH (HMA BINDER, IL-19.0 mm); 6 INCH (2 LIFTS)	4% @ 70 GYR	QC/QA

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED
HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

PROPOSED TYPICAL SECTION

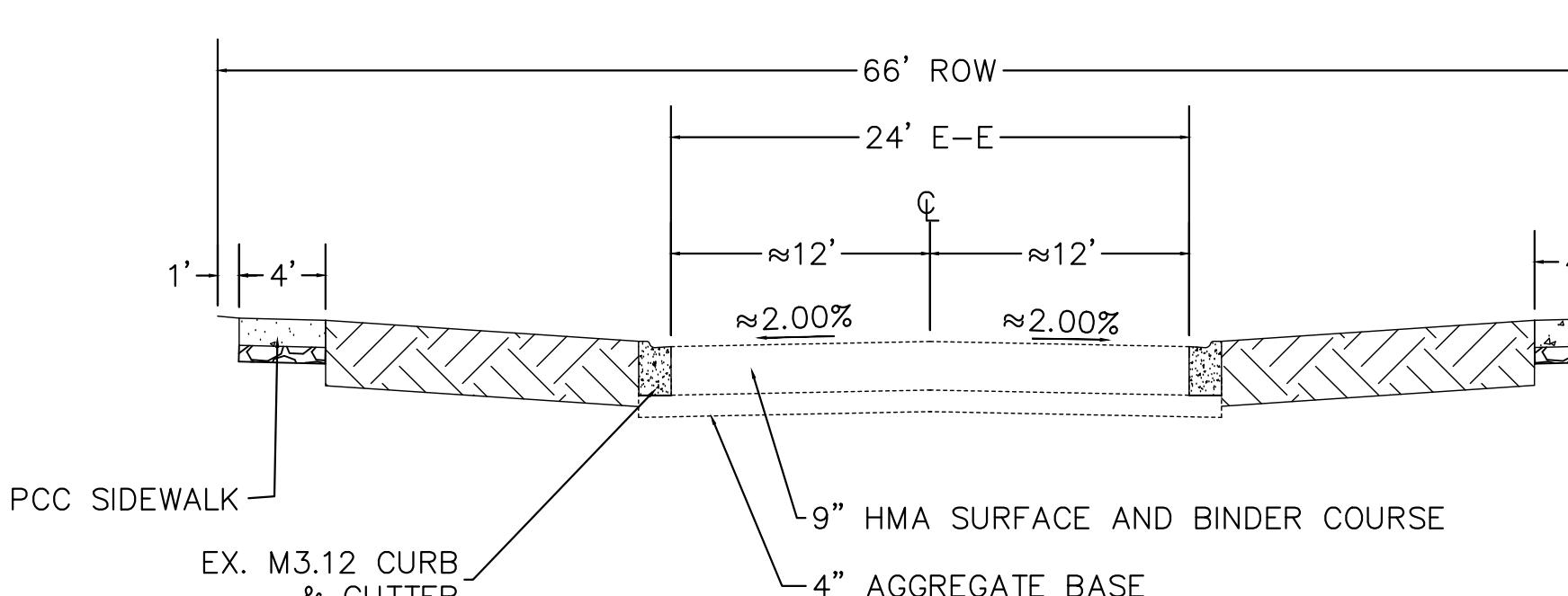
COVENTRY CT



NOTE:
1. GUTTER FLAG TO MATCH PAVEMENT THICKNESS (MINIMUM 8")
2. FINISHED PAVEMENT TO BE 1/4" ABOVE EDGE OF GUTTER

EXISTING TYPICAL SECTION

MORTON ST



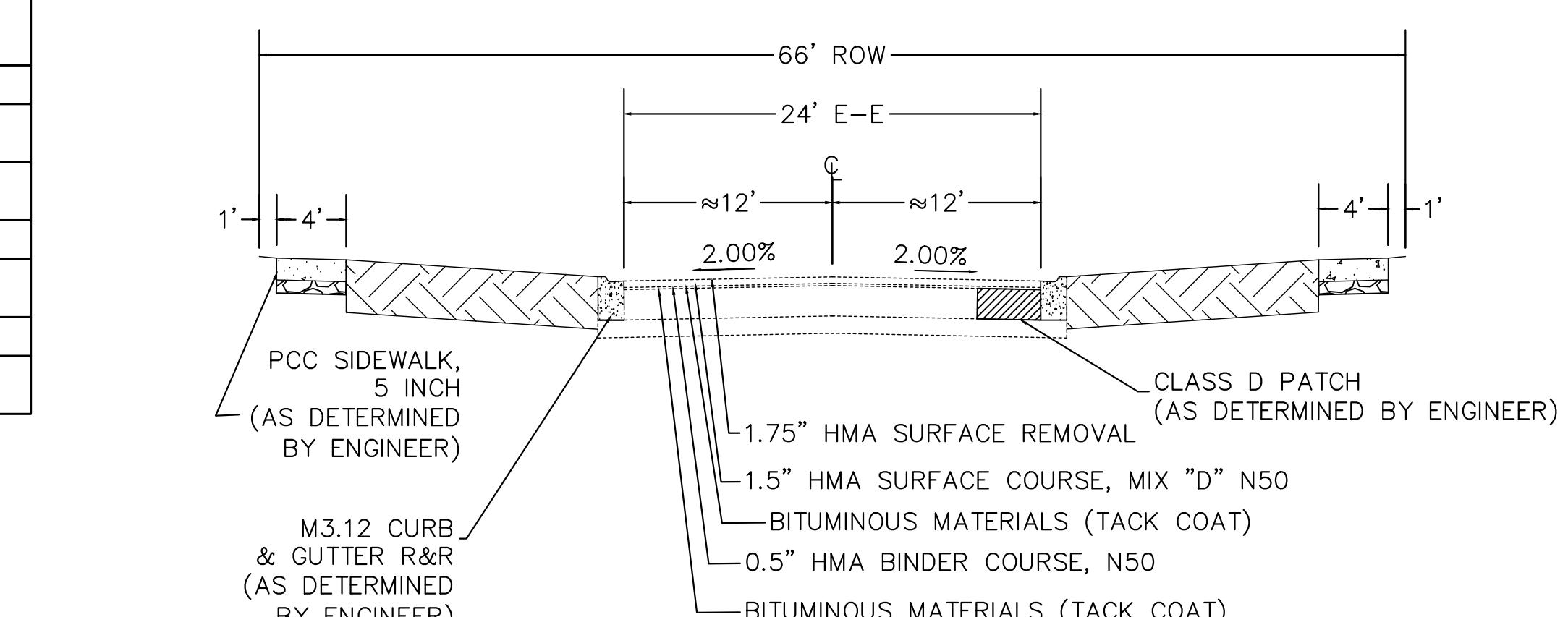
MORTON ST

HOT-MIX ASPHALT MIXTURE REQUIREMENT		QMP
MIXTURE TYPE	AIR Voids @ Ndes	
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5"	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50; 0.75"	4% @ 50 GYR	QC/QA
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3"	4% @ 50 GYR	QC/QA
PATCHING		
CLASS D PATCH (HMA BINDER, IL-19.0 mm); 7 INCH (2 LIFTS)	4% @ 70 GYR	QC/QA

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED
HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

PROPOSED TYPICAL SECTION

MORTON ST



NOTE:
1. GUTTER FLAG TO MATCH PAVEMENT THICKNESS (MINIMUM 8")
2. FINISHED PAVEMENT TO BE 1/4" ABOVE EDGE OF GUTTER

FILE NAME =
2026 Typical Section.dwg

DESIGNED - DSG

DRAWN - DSG

CHECKED - AJW

DATE - 12/22/25

REVISED -

REVISED -

REVISED -

REVISED -

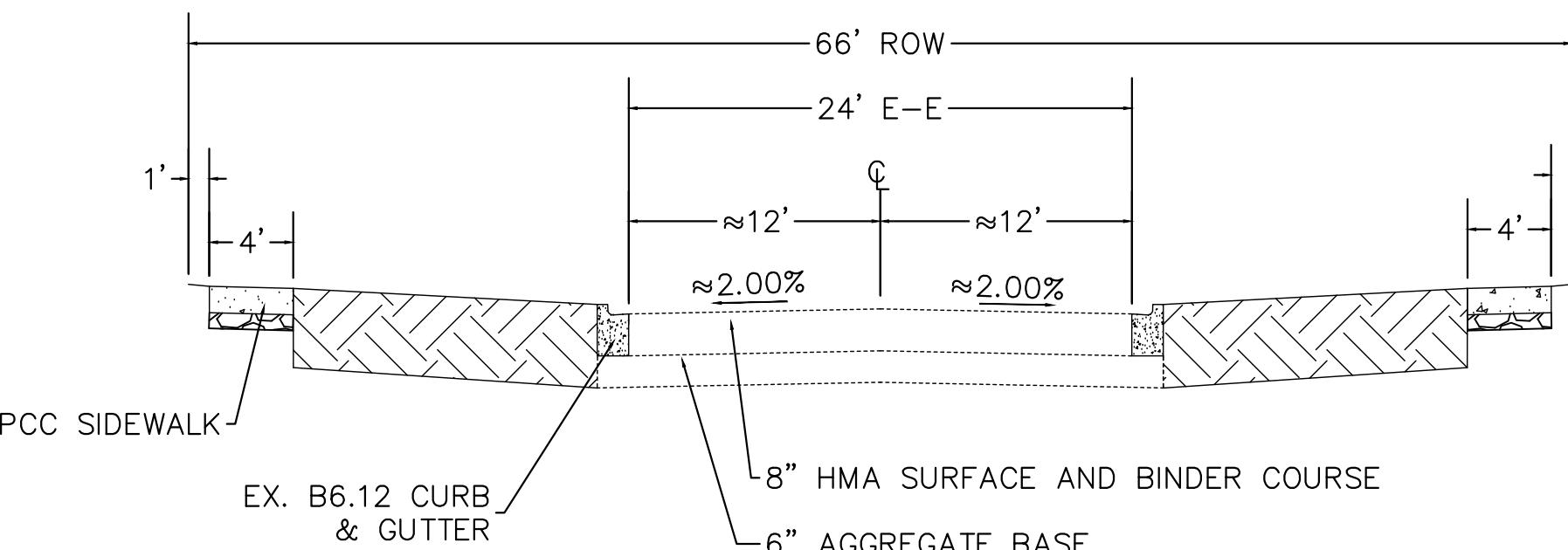
VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Infrastructure Improvements Project
Typical Sections
SCALE: NTS SHEET NO. 2 OF 3 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	NO.
26-00120-00-PV	Cook	54	9	CONTRACT. NO.
				ILLINOIS

EXISTING TYPICAL SECTION

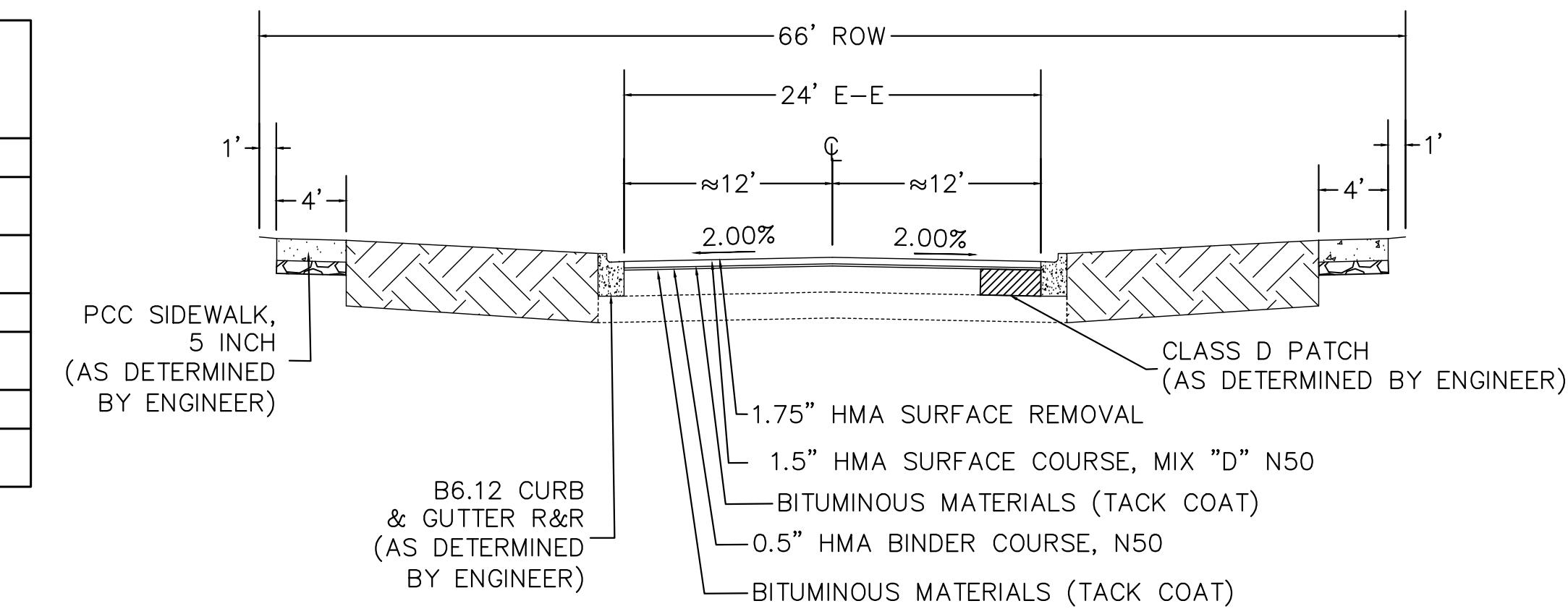
WILSHIRE DR



WILSHIRE DR

PROPOSED TYPICAL SECTION

WILSHIRE DR



NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

NOTE:
1. GUTTER FLAG TO MATCH PAVEMENT THICKNESS (MINIMUM 8")
2. FINISHED PAVEMENT TO BE 1/4" ABOVE EDGE OF GUTTER

PLAN
SURVEYED _____
PLOTTED _____
NOTE BOOK NO. _____
STRUCTURE NOTATNS Chkd _____

PROFILE
SURVEYED _____ DATE _____
PLOTTED _____ DATE _____
NOTE BOOK NO. _____
STRUCTURE NOTATNS Chkd _____

FILE NAME =
2026 Typical Section.dwg

DESIGNED - DSG
DRAWN - DSG
CHECKED - AJW
DATE - 12/22/25

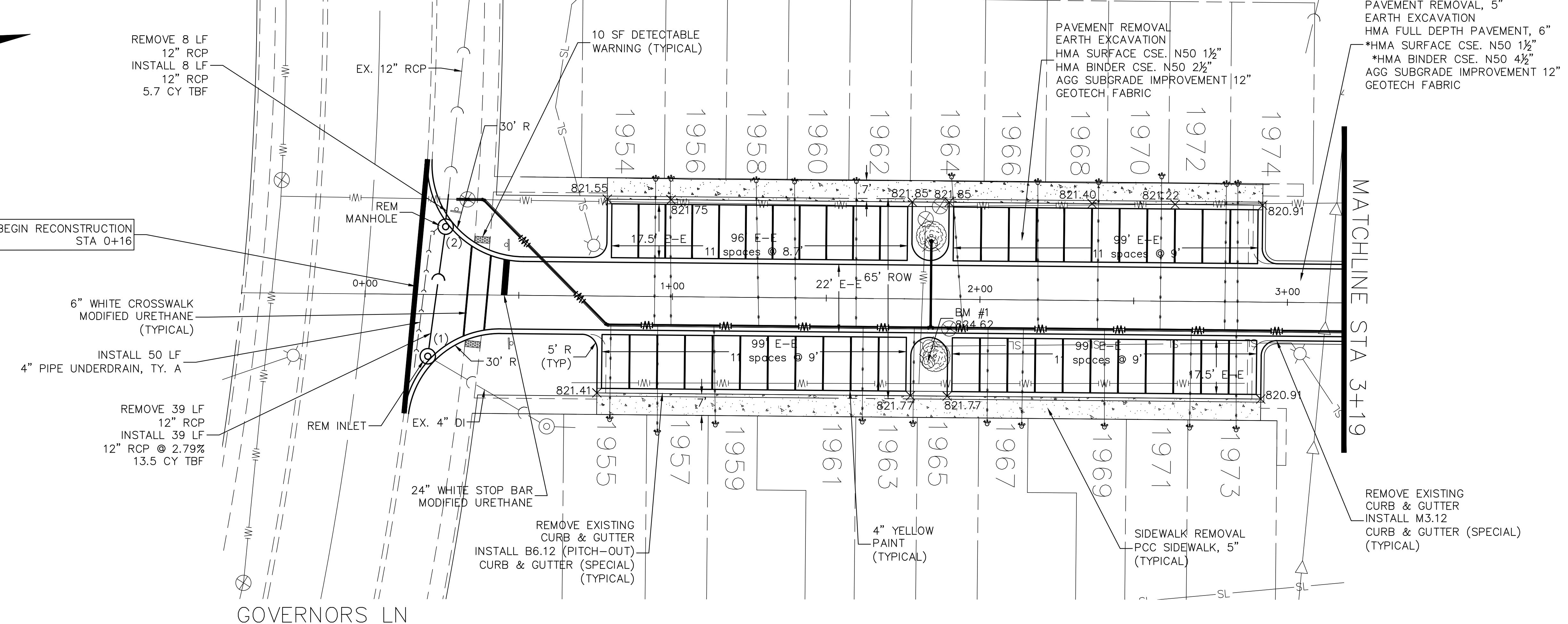
REVISED -
REVISED -
REVISED -
REVISED -

VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

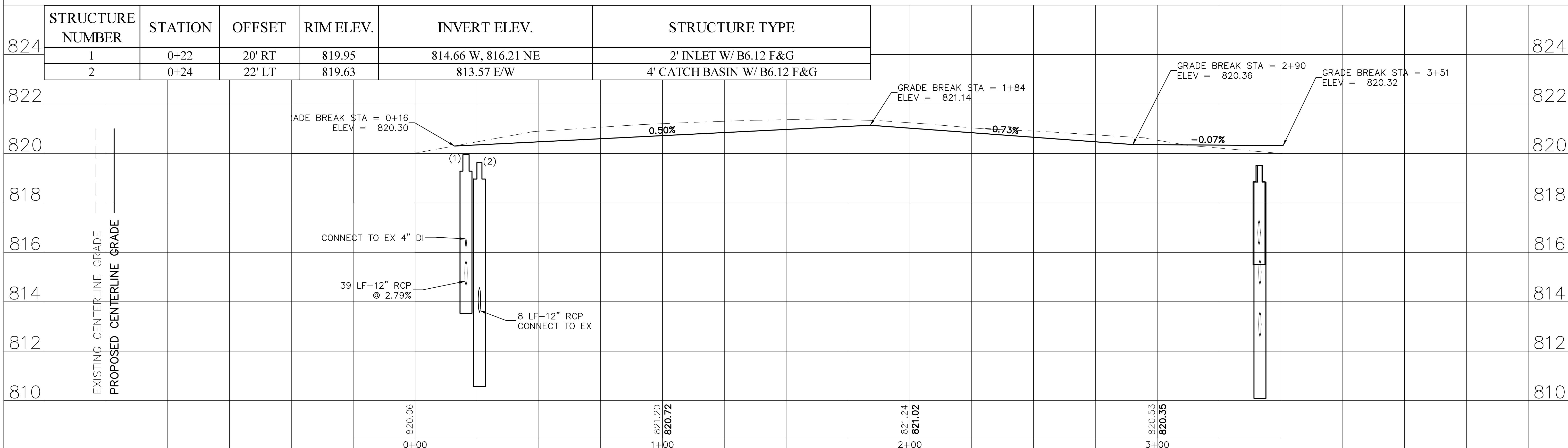
2026 Infrastructure Improvements Project
Typical Sections
SCALE: NTS SHEET NO. 3 OF 3 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
26-00120-00-PV	Cook	54	10	
CONTRACT. NO.				
ILLINOIS				

PLAN SURVEYED
NOTE: BOOK PLOTTED
RTD OF WAY CHECKED
CADD FILE NAME
NO. _____

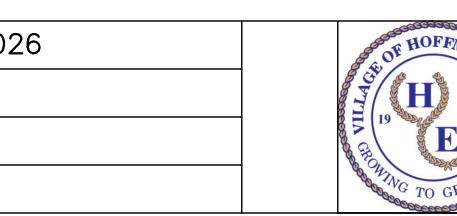


PROFILE SURVEYED
NOTE: BOOK PLOTTED
RTD OF WAY CHECKED
CADD FILE NAME
NO. _____



FILE NAME =
Chelmsford Pl.dwg

DESIGNED - DSG
DRAWN - DSG
CHECKED - AJW
DATE - 03/02/2023



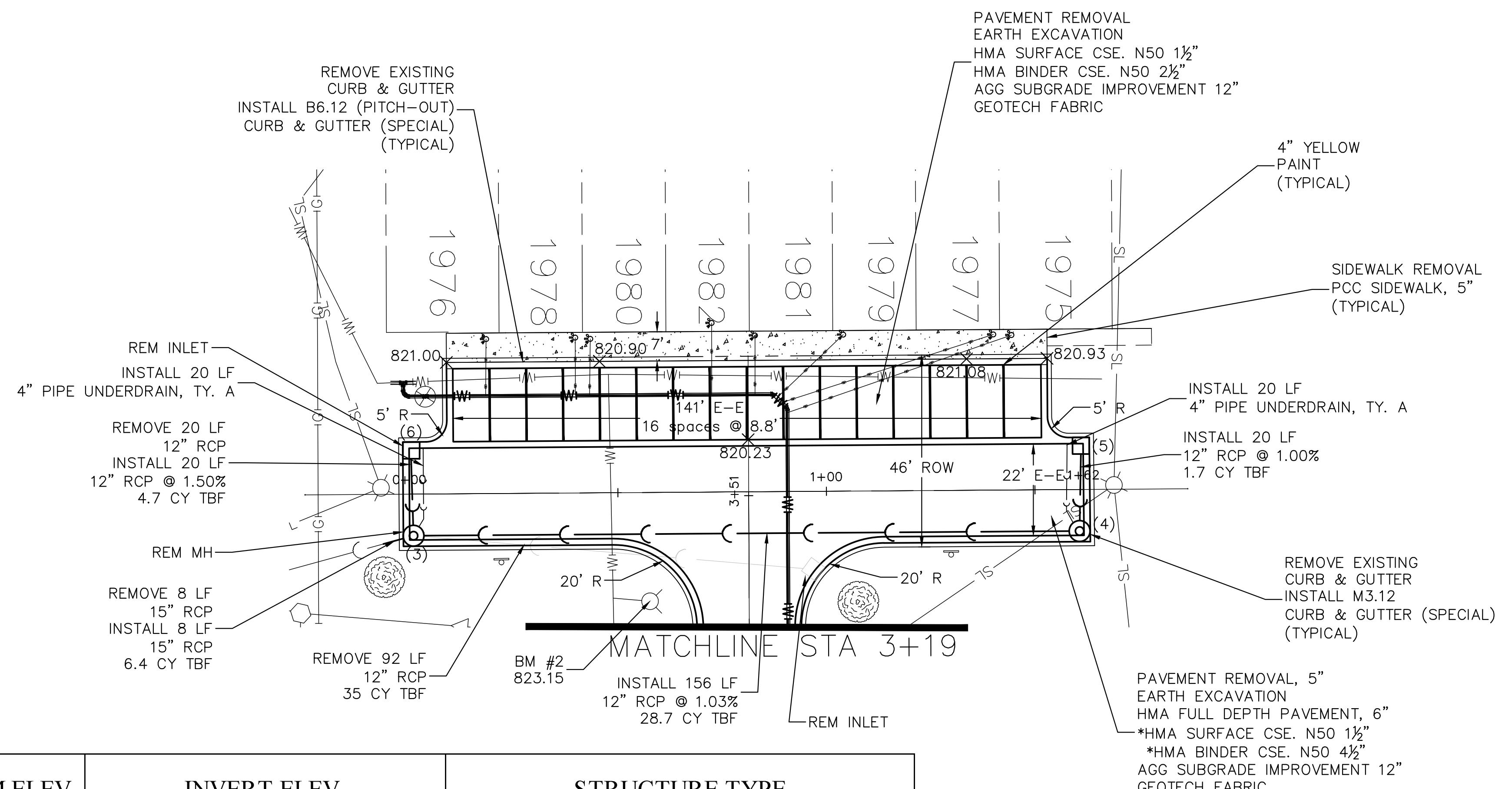
VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Infrastructure Improvements Project
Chelmsford PI
SCALE: 1" = 20'
SHEET NO. 1 OF 4 SHEETS
STA. 0+16 TO STA 3+19

F.A.U.
RTE. 26-00120-00-PV
SECTION
COUNTY Cook
TOTAL SHEETS 54
SHEET NO. 11
ILLINOIS FED. AID PROJECT

PLAN SURVEYED
PLOTTED
NOTE BOOK ALIGNMENT CHECKED
RTD OF WA NAME
NO. _____

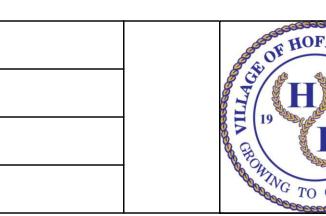
PROFILE SURVEYED
PLOTTED
NOTE BOOK GRADES CHECKED
BLW. NO. ED. NOTATNS CHKD
NO. _____



STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE
3	0+00	11' RT	819.51	814.70 N/E, 812.59 SW	4' CATCH BASIN W/ M3.12 F&G
4	1+62	11' RT	819.52	816.30 N/W	4' MANHOLE W/ M3.12 F&G
5	1+62	11' LT	819.52	816.50 S	2' INLET W/ M3.12 F&G
6	0+00	11' LT	819.51	815.00 S	2' INLET W/ M3.12 F&G

FILE NAME =
Chelmsford Pl.dwg

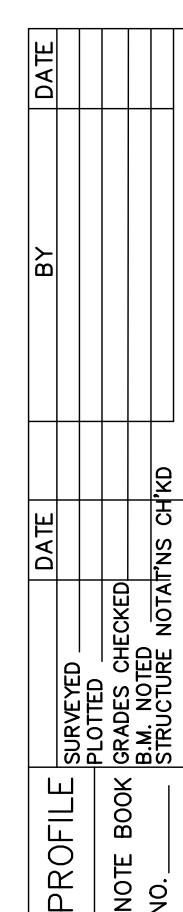
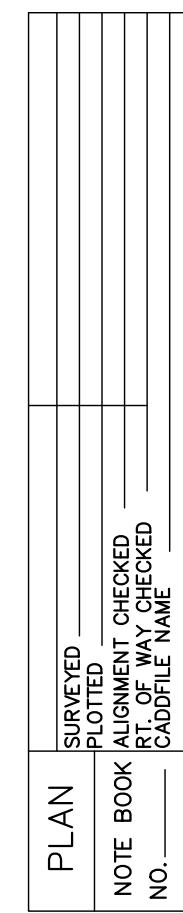
DESIGNED - DSG
REVISED - 01/26/2026
DRAWN - DSG
REVISED -
CHECKED - AJW
REVISED -
DATE - 03/02/2023
REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Infrastructure Improvements Project
Chelmsford PI
SCALE: 1" = 20'
SHEET NO. 2 OF 4 SHEETS
STA. 0+00 TO STA 5+00

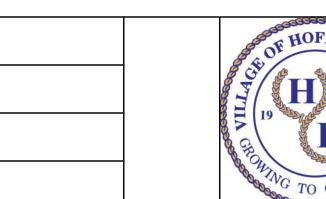
F.A.U.
RTE.
SECTION
COUNTY
TOTAL SHEETS
SHEET NO.
26-00120-00-PV
Cook
54
12
ILLINOIS FED. AID PROJECT



FILE NAME =
Chelmsford Pl.

DESIGNED - DSG
DRAWN - DSG
CHECKED - AJW
DATE - 03/02/2023

	REVISED –

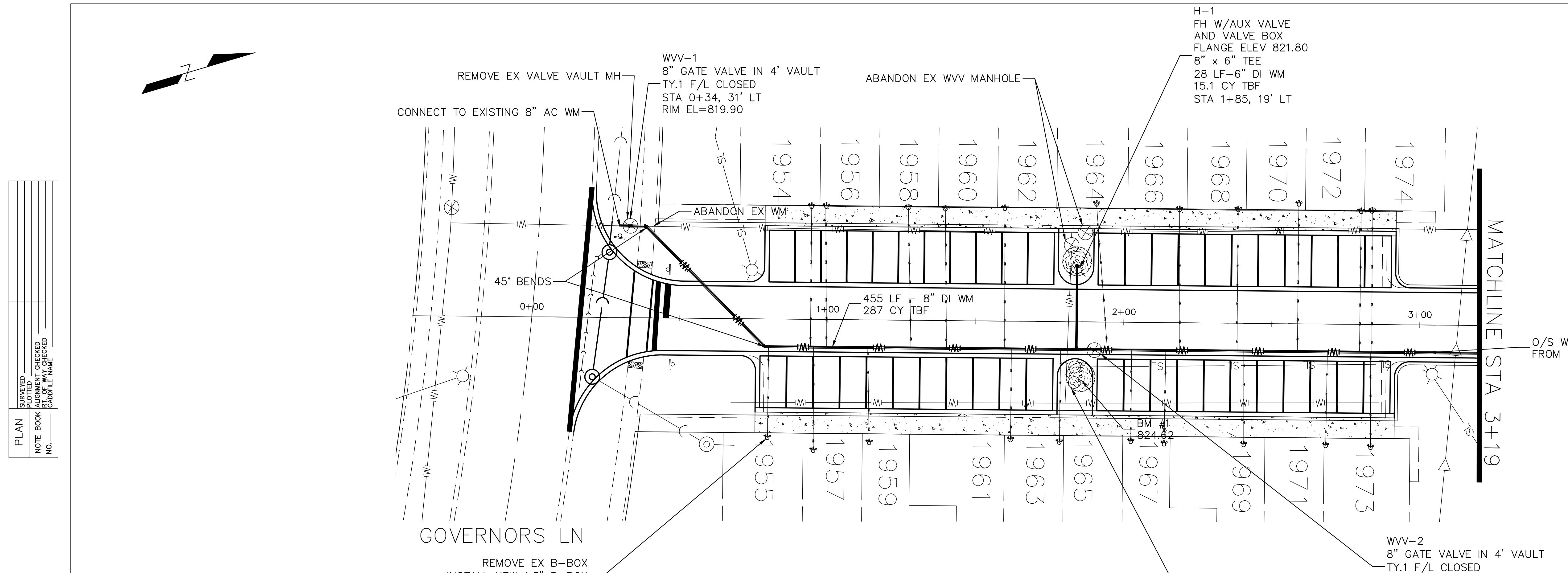


VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

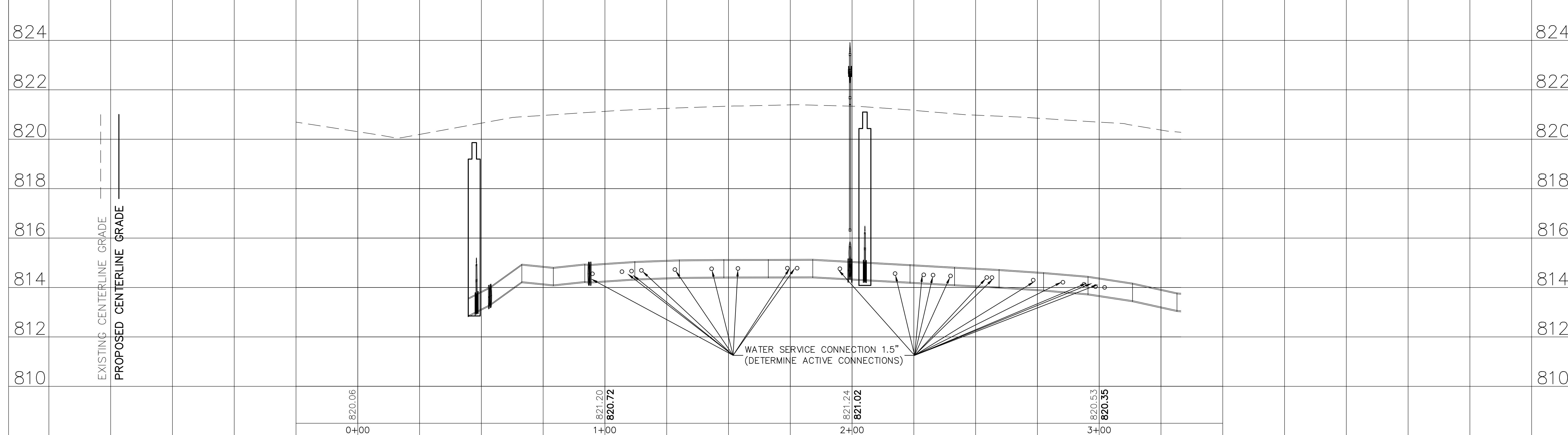
2026 Infrastructure Improvements Project

Chelmsford PI (Watermain)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00120-00-PV	Cook	54	13
	ILLINOIS	FED. AID PROJECT		

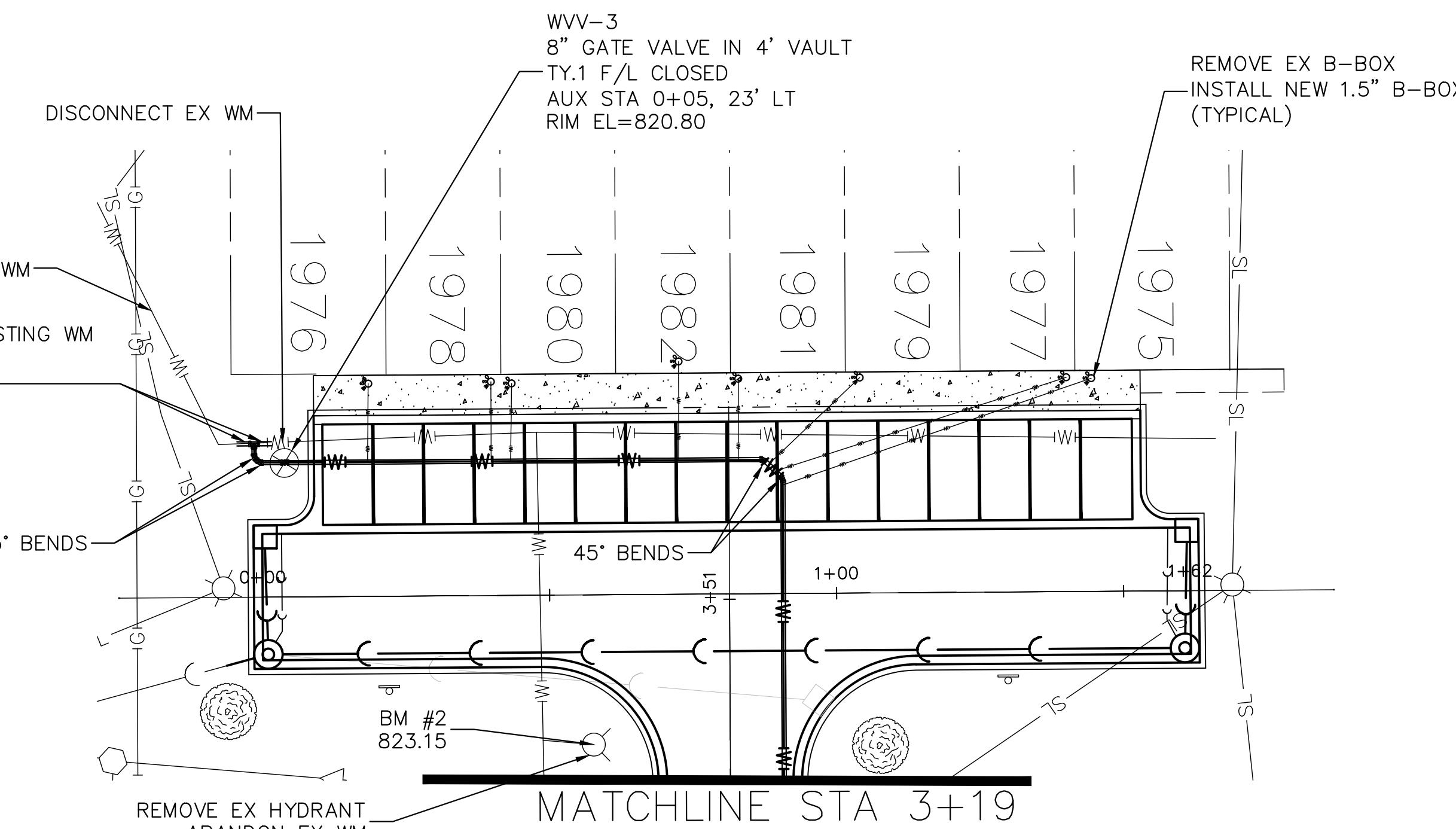


1.5" TYPE K COPPER WATER SERVICE	
Address	Length (ft)
1954	48
1955	32
1956	48
1957	36
1958	48
1959	33
1960	48
1961	32
1962	48
1963	32
1964	50
1965	32
1966	48
1967	32
1968	48
1969	32
1970	50
1971	33
1972	48
1973	50
1974	33

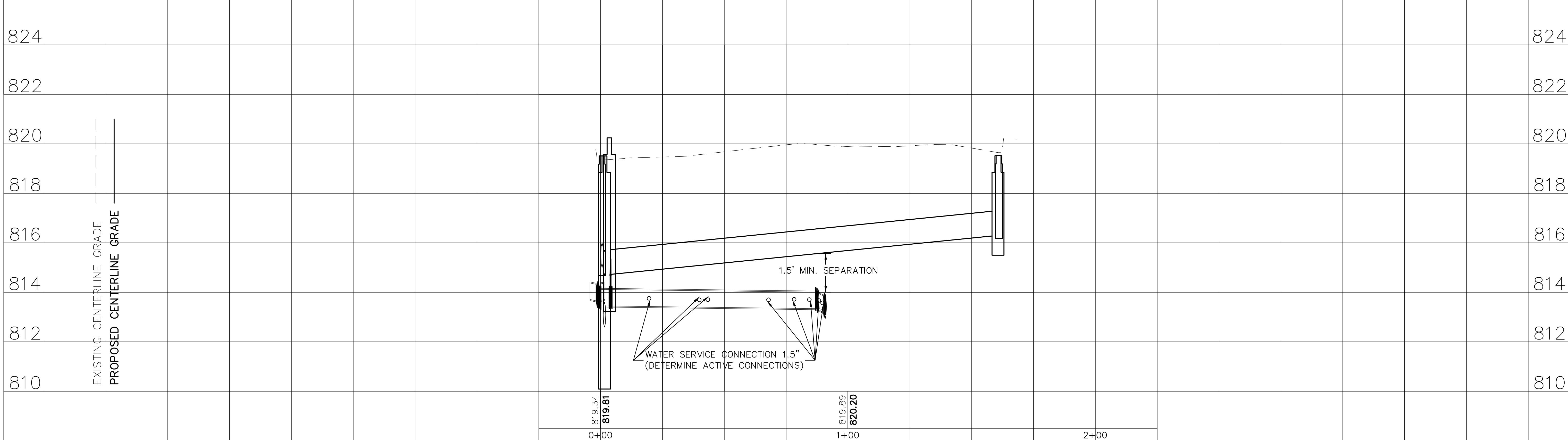


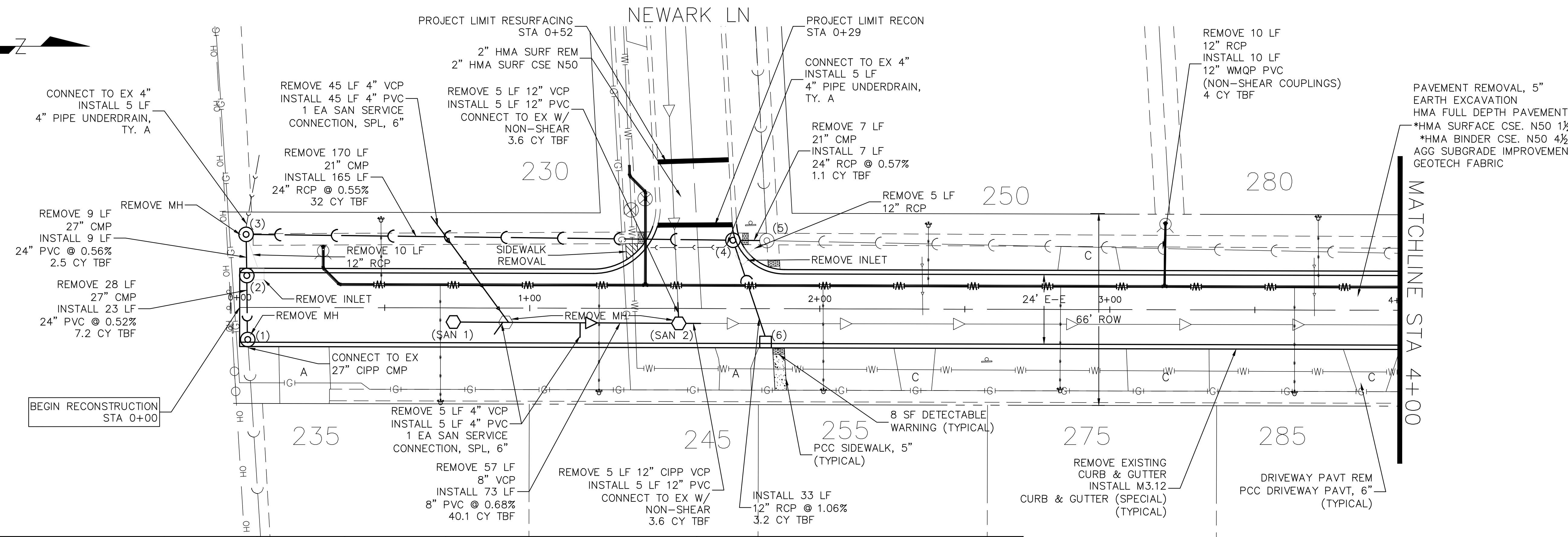
PLAN	SURVEYED _____
	PLOTTED _____
NOTE BOOK	ALIGNMENT CHECKED _____
NO.	RT. OF WAY CHECKED _____
	COND. ENCL. F NAME _____

PROFILE	SURVEYED _____ PLOTTED _____	DATE _____	BY _____	DATE _____
NOTE NO.	BOOK GRADES CHECKED B.M. NOTED STR. COPIED NOTAT. CLWD			

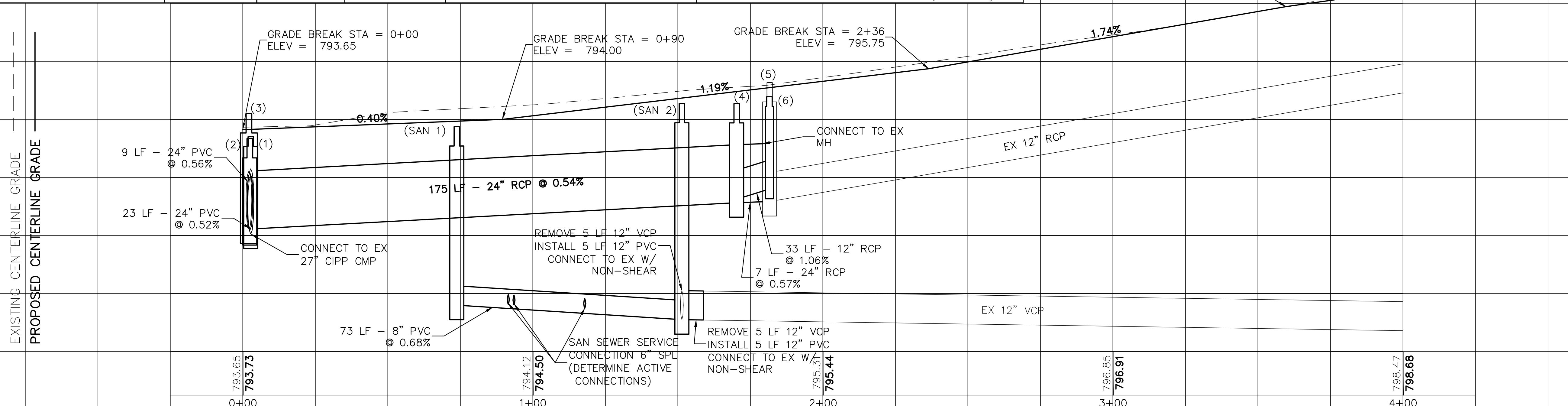


1.5" TYPE K COPPER WATER SERVICE	
Address	Length (ft)
1976	14
1978	14
1980	14
1982	18
1981	15
1979	23
1977	54
1975	58



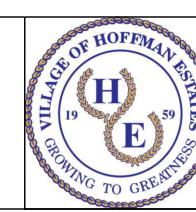


STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE
1	0+02	12' RT	793.34	790.05 E/W	4' CATCH BASIN W/ 4" TY 1 F&L (OPEN)
2	0+02	12' LT	793.34	790.17 E/W	4' MANHOLE W/ 4" TY 1 F&L (OPEN)
3	0+02	25' LT	794.2	790.22 N/E, 792.21 WNW	5' MANHOLE W/ TY 1 F&L (CLOSED)
4	1+70	24' LT	794.52	791.13 N/S, 791.25 E	4' MANHOLE W/ 4" TY 1 F&L (OPEN)
5	1+82	24' LT	795.27	791.17 N/S/W	ADJ EXISTING MANHOLE
6	1+81	12' RT	794.78	791.60 SW	2' INLET W/ TY 1 F&L (OPEN)
SAN 1	0+74	5' RT	793.75	787.60 N	4' SAN MANHOLE W/ TY 1 F&L (CLOSED)
SAN 2	1+51	5' RT	794.55	787.1 N/S/W	4' SAN MANHOLE W/ TY 1 F&L (CLOSED)



FILE NAME =
Nogales St.dwg

DESIGNED - JGC/DSG
DRAWN - JGC/DSG
CHECKED - AJW
DATE - 03/05/25



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 601
Phone Number: 847 252-5800

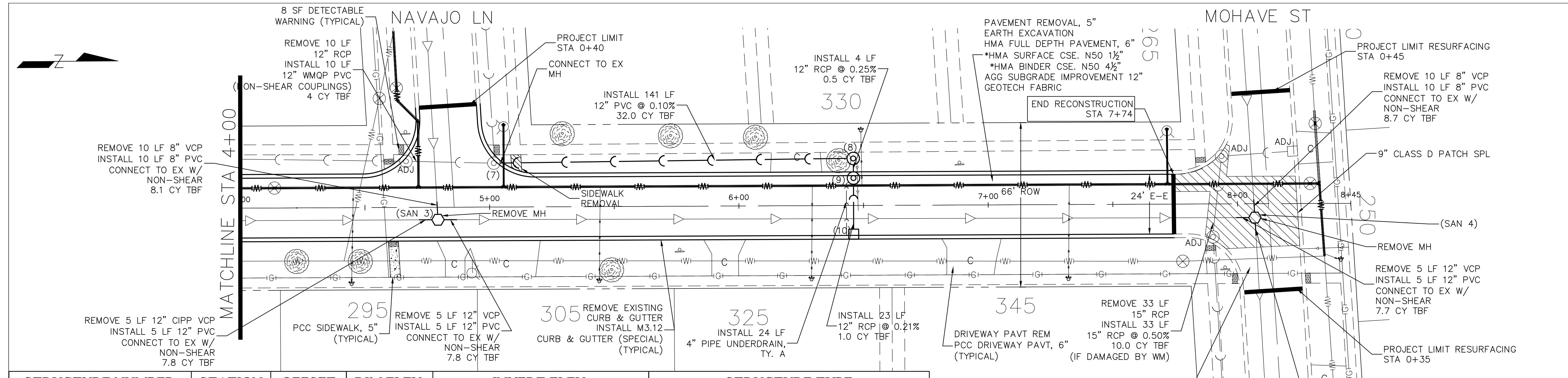
2026 Infrastructure Improvements Project

Nogales St

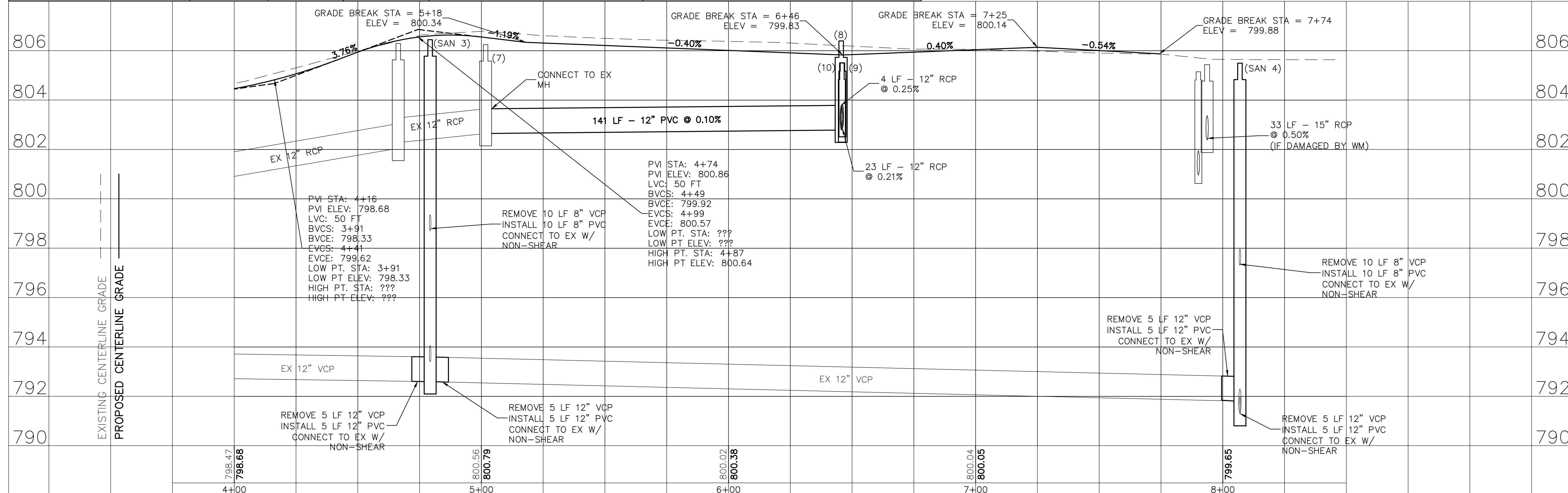
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00120-00-PV	Cook	54	15
	ILLINOIS	FED. AID PROJECT		

PLAN SURVEYED
NOTE BOOK PLOTTED
ALIGNMENT CHECKED
ROUTE OF WORK NAME
NO. _____

PROFILE SURVEYED
PLOTTED
GRADE CHECKED
NOTE BOOK NO. _____
STRUCTURE NOTATED
NO. _____



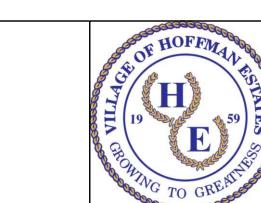
STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE
7	5+01	18' LT	800.25	796.65 N/S/E	ADJ EXISTING MANHOLE
8	6+46	19' LT	800.4	796.79 E/S	4' MANHOLE W/ TY 1 F&L (CLOSED)
9	6+46	12' LT	799.51	796.80 E/W	2' INLET W/ M3.12 F&G
10	6+46	12' RT	799.51	796.85 W	2' INLET W/ M3.12 F&G
SAN 3	4+80	5' RT	800.45	792.70 W (DROP), 787.40 W, 786.6 N/S	4' SAN DROP MANHOLE W/ TY 1 F&L (CLOSED)
SAN 4	6+07	5' RT	799.50	791.31 W (DROP), 785.31 E/W, 785.81 S	4' SAN DROP MANHOLE W/ TY 1 F&L (CLOSED)



FILE NAME =
Nogales St.dwg

DESIGNED - JGC/DSG
DRAWN - JGC/DSG
CHECKED - AJW
DATE - 03/05/25

REVISED -
REVISED -
REVISED -
REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Infrastructure Improvements Project
Nogales St

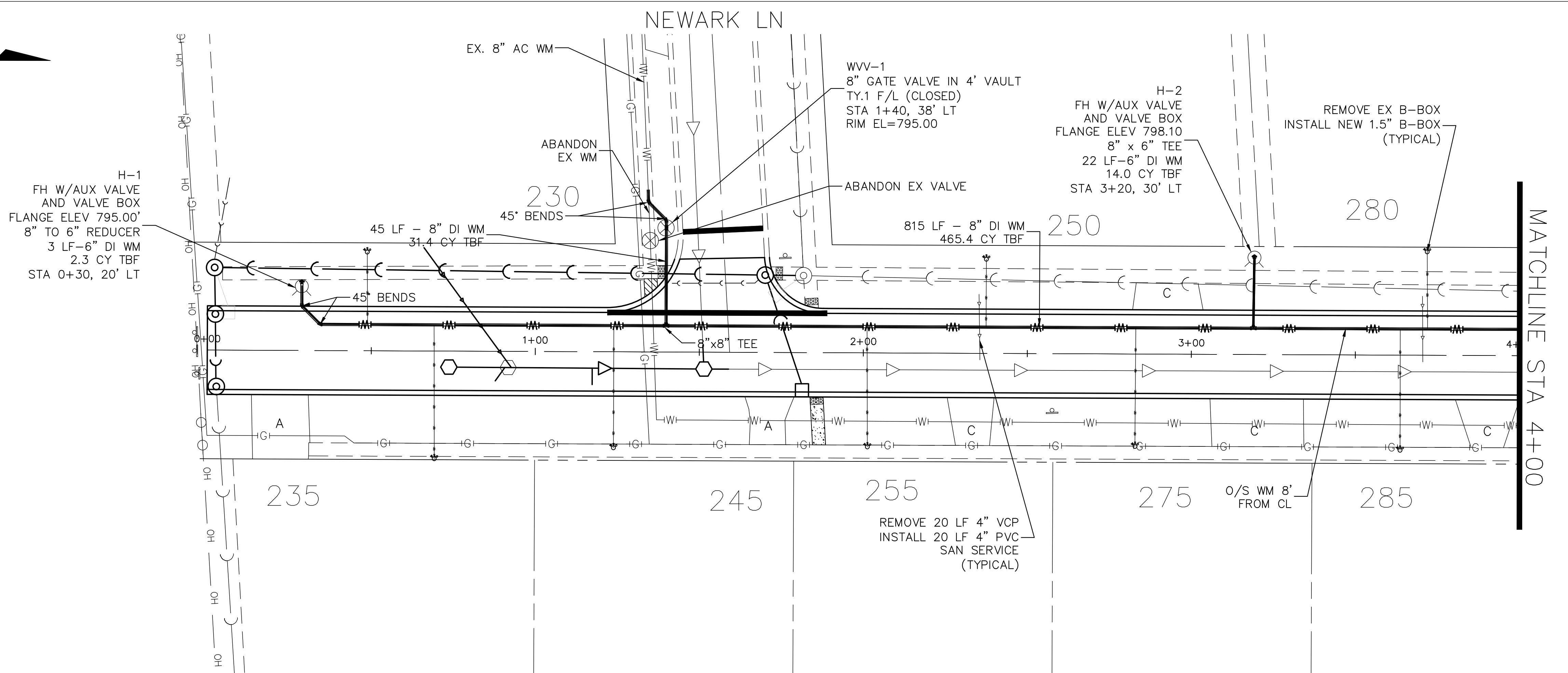
SCALE: 1" = 20' SHEET NO. 2 OF 4 SHEETS STA. 4+00 TO STA 7+75

F.A.U.
RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
26-00120-00-PV Cook 54 16

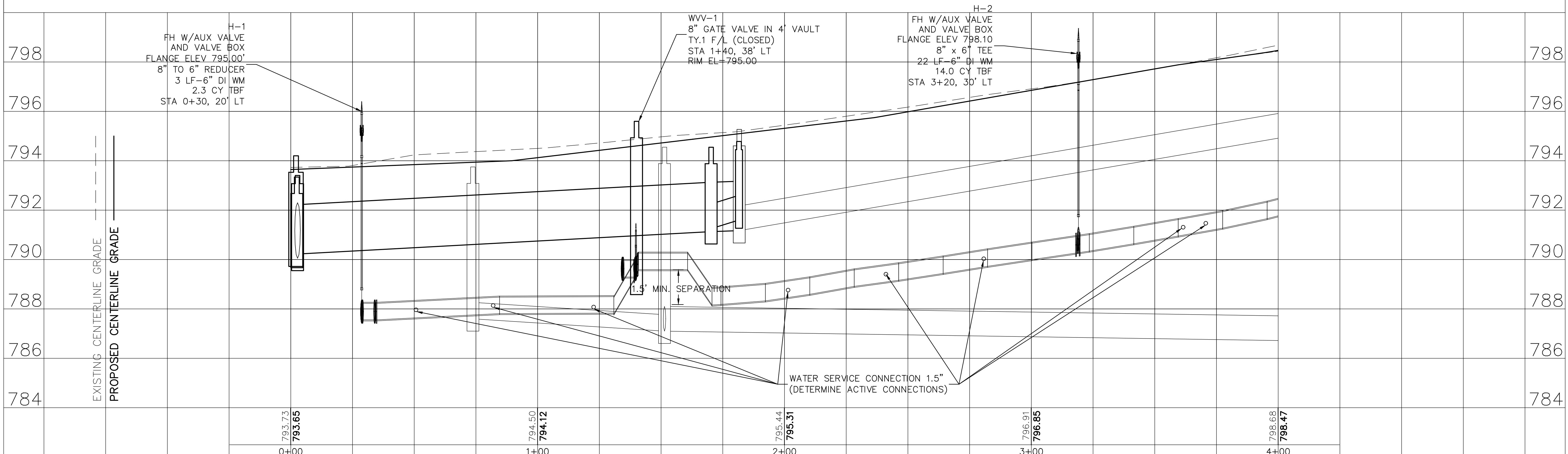
ILLINOIS FED. AID PROJECT

1.5" TYPE K COPPER WATER SERVICE	
Address	Length (ft)
230	23
235	42
245	38
250	22
255	38
275	38
280	25
285	38

PLAN SURVEYED
NOTE BOOK PLOTTED
NO. ALIGNMENT CHECKED
ROUTE OF WAY CHECKED
CROSS SECTION DRAWN



PROFILE SURVEYED
NOTE BOOK PLOTTED
GRADE CHECKED
STRUCTURE NOTATED
NO. DRAWN



FILE NAME =
Nogales St.dwg

DESIGNED - JGC/DSG

DRAWN - JGC/DSG

CHECKED - AJW

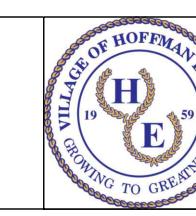
DATE - 03/05/25

REVISED -

REVISED -

REVISED -

REVISED -



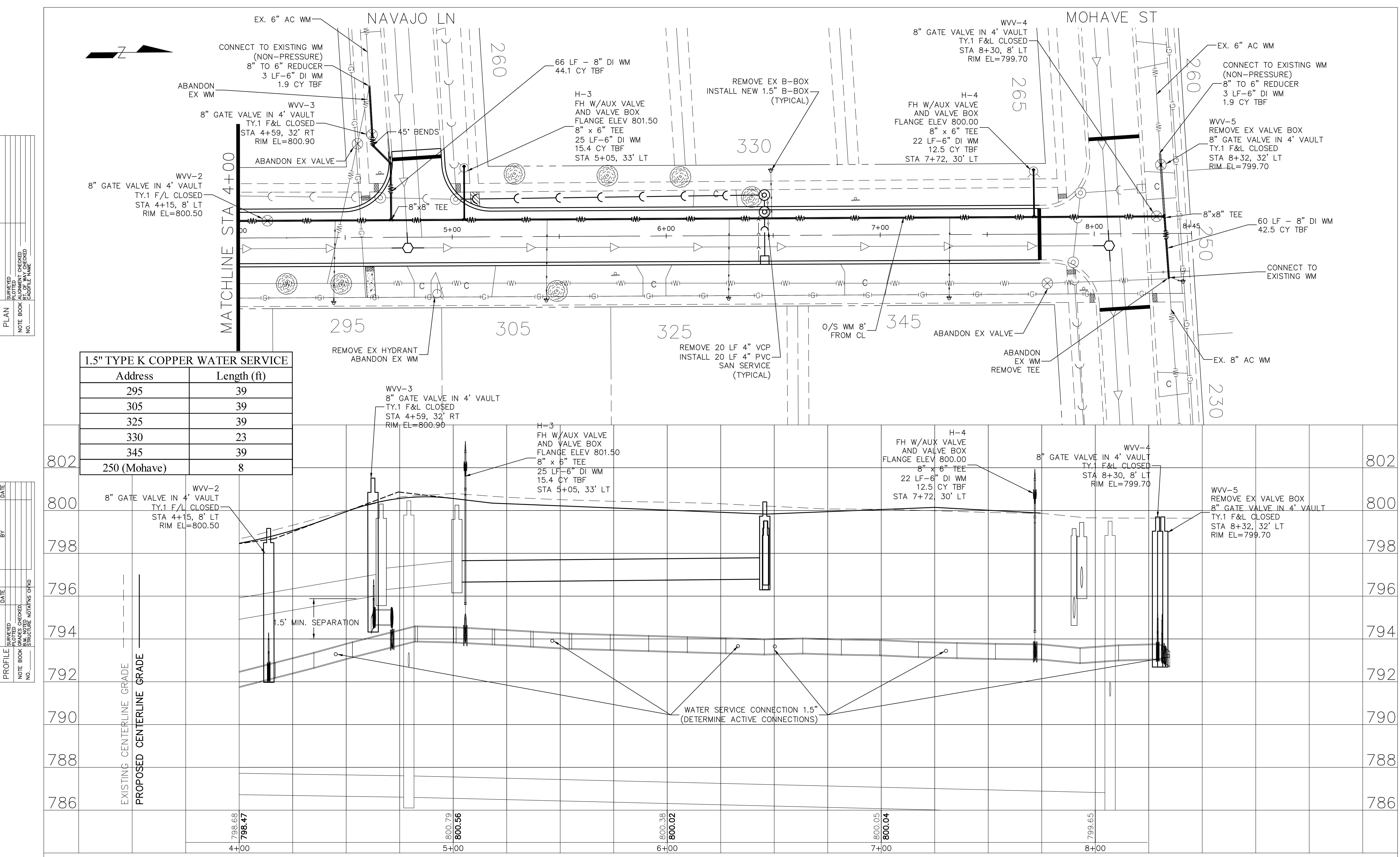
VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

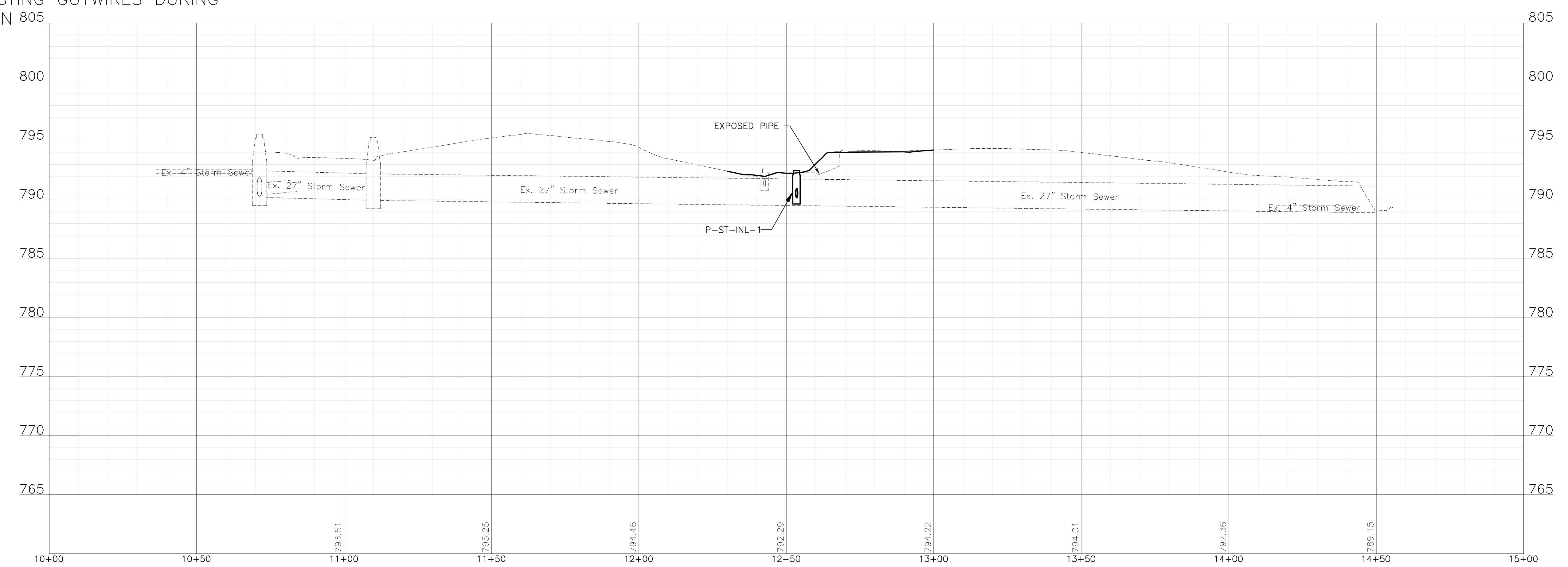
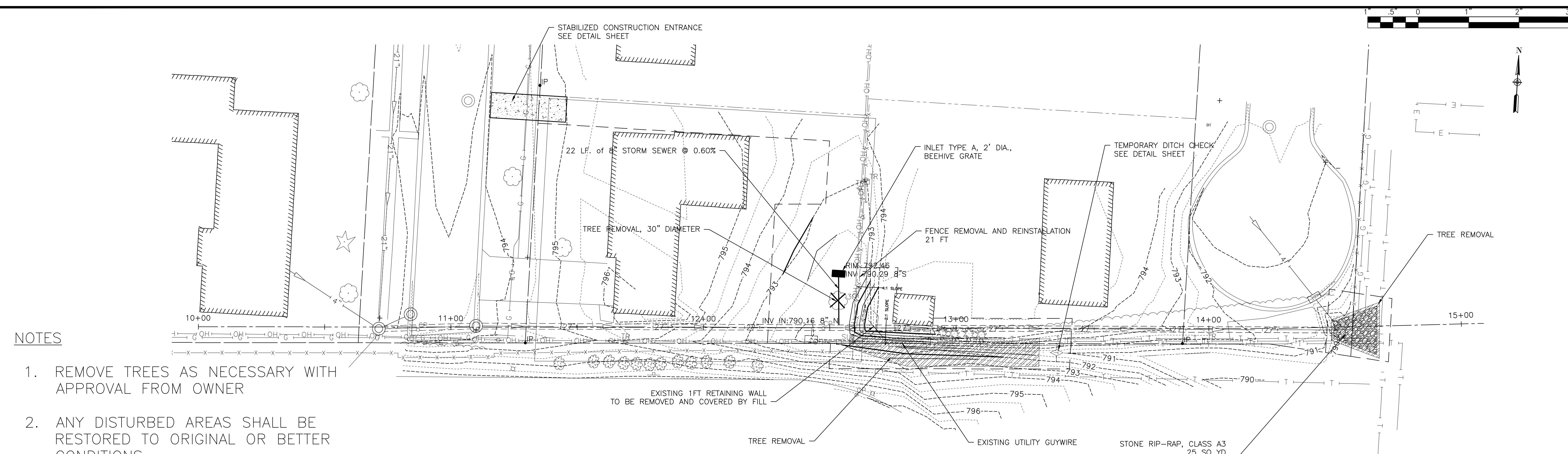
2026 Infrastructure Improvements Project
Nogales St (Watermain)

SCALE: 1" = 20' SHEET NO. 3 OF 4 SHEETS STA. 0+00 TO STA 4+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
26-00120-00-PV	Cook	54	17	

ILLINOIS FED. AID PROJECT



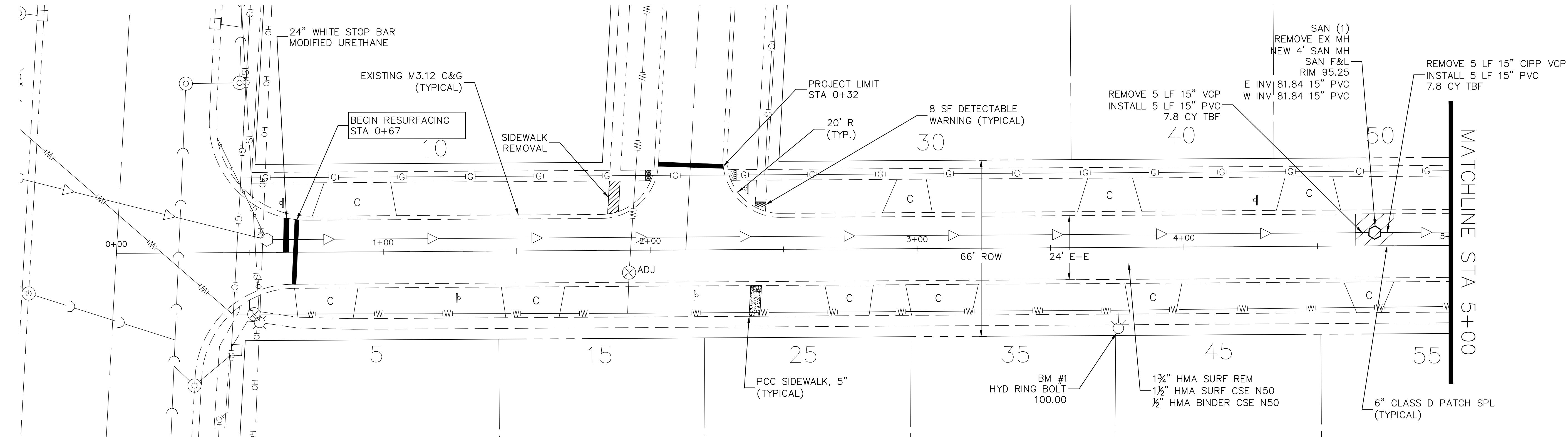




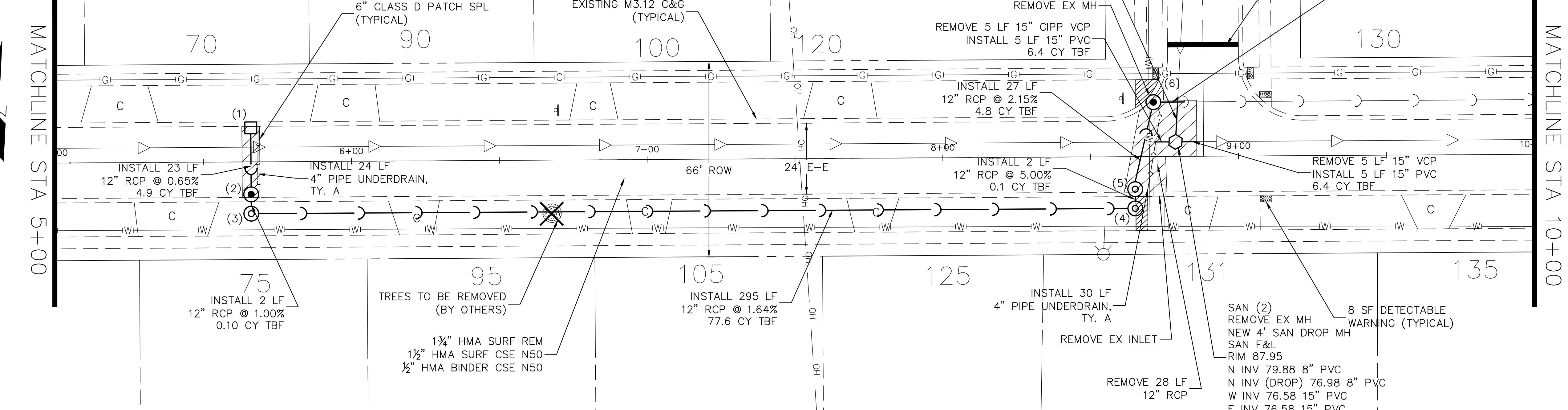
ROSELLE RD

CUMBERLAND ST

PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
RT OF WAY CHECKED
ROAD NAME



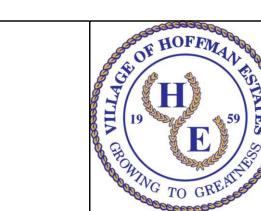
PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
STRUCTURE NO.
RT OF WAY CHECKED
ROAD NAME



FILE NAME =
Bradley Ln.dwg

DESIGNED - DSG
DRAWN - DSG
CHECKED - AJW
DATE - 03/25/2024

REVISED -
REVISED -
REVISED -
REVISED -

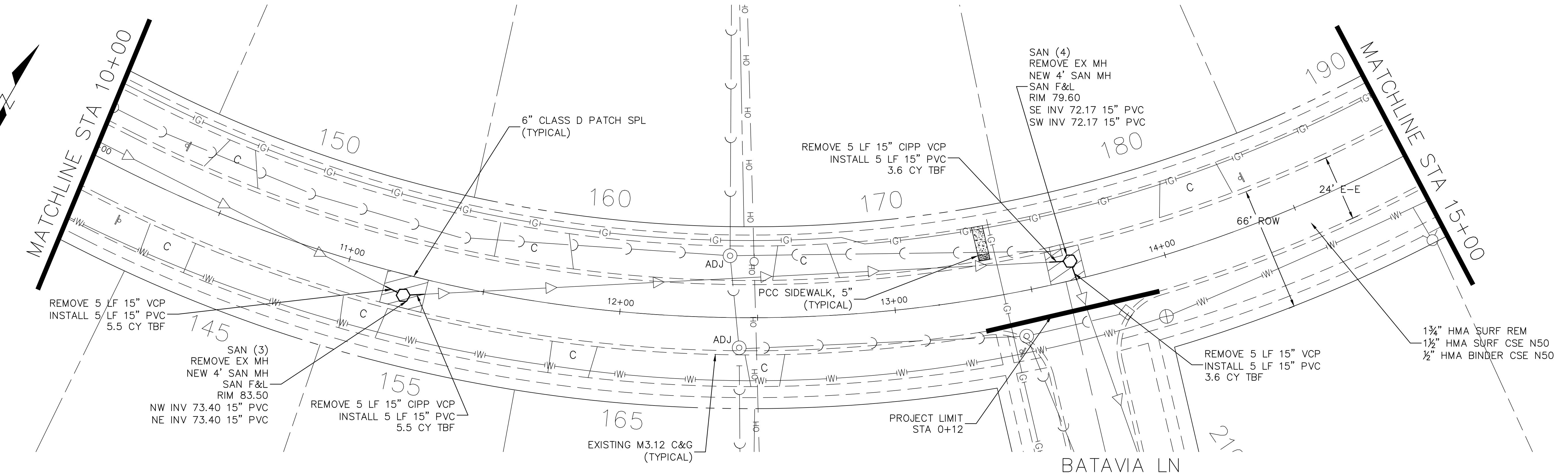


VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

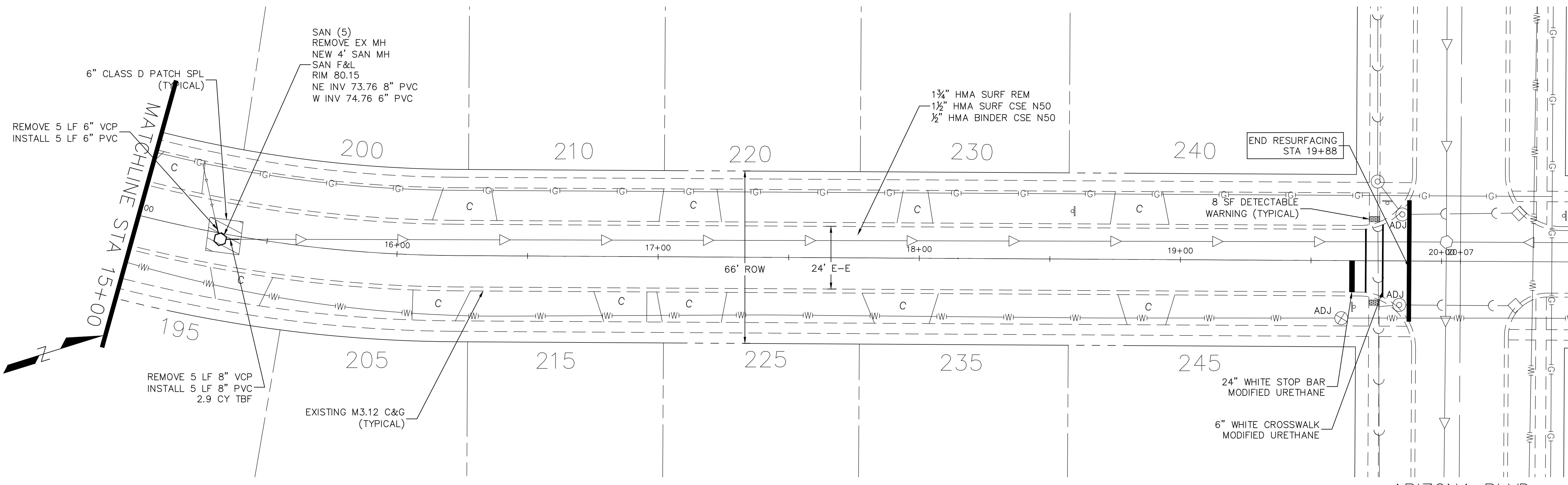
2026 Infrastructure Improvements Project
Bradley Ln
SCALE: 1" = 20'
SHEET NO. 1 OF 2 SHEETS
STA. 0+67 TO STA 10+00

F.A.U.
RTE.
SECTION
COUNTY
TOTAL SHEETS
SHEET NO.
26-00120-00-PV
Cook
54
21
ILLINOIS FED. AID PROJECT

PLAN SURVEYED
PLOTTED
NOTE BOOK ALIGNMENT CHECKED
RTE OF WAY CHECKED
CADD FILE NAME



PROFILE SURVEYED
PLOTTED
NOTE BOOK GRADES CHECKED
BLK NO ED NOTATNS CHKD



FILE NAME =
Bradley Ln.dwg

DESIGNED - DSG

DRAWN - DSG

CHECKED - AJW

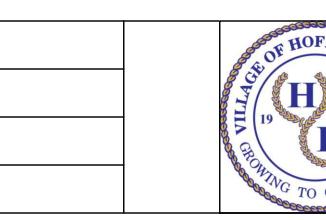
DATE - 03/25/2024

REVISED -

REVISED -

REVISED -

REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

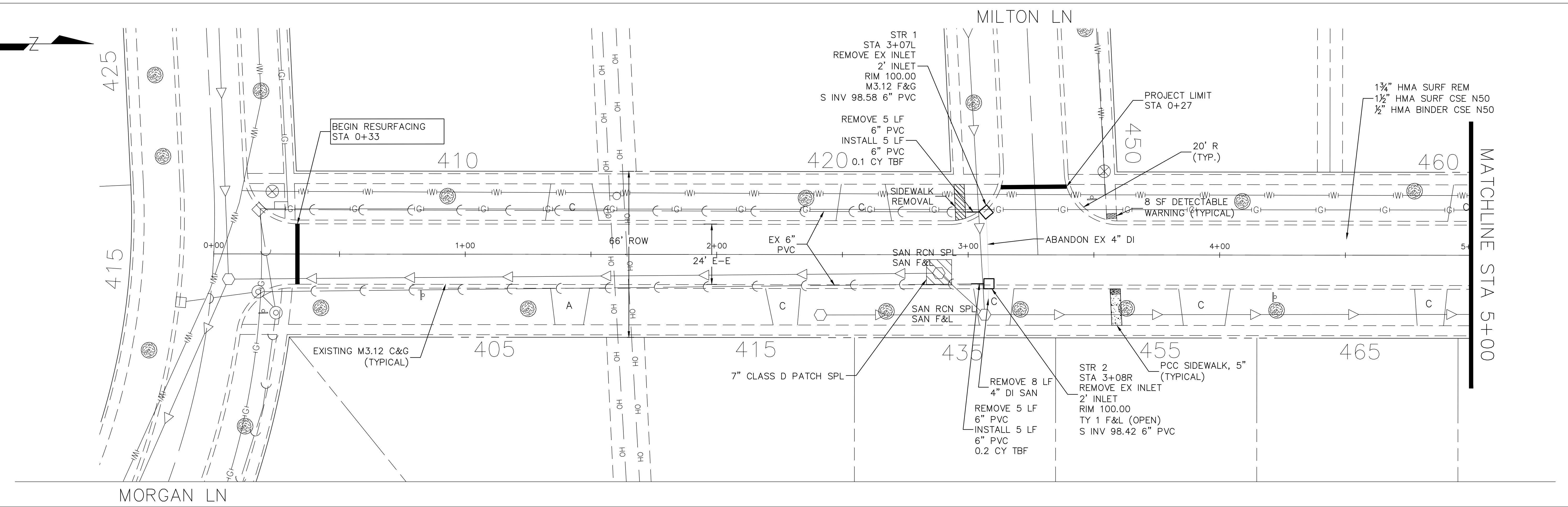
2026 Infrastructure Improvements Project
Bradley Ln

SCALE: 1" = 20' SHEET NO. 2 OF 2 SHEETS STA. 10+00 TO STA 19+88

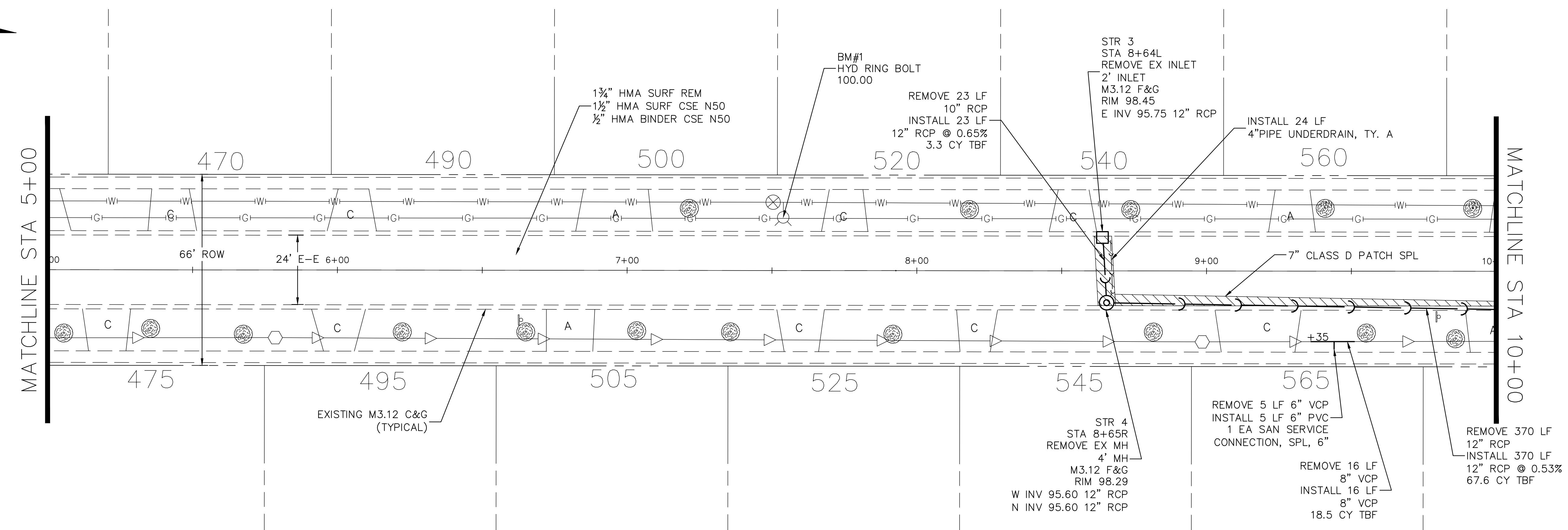
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
26-00120-00-PV	Cook	54	22	

ILLINOIS FED. AID PROJECT

PLAN SURVEYED
PLOTTED
NOTE BOOK ALIGNMENT CHECKED
RTE OF WAY CHECKED
CADD FILE NAME



PROFILE SURVEYED
PLOTTED
NOTE BOOK GRADES CHECKED
B.M. NO. ED. NOTATNS CHKD



FILE NAME =
Morton St.dwg

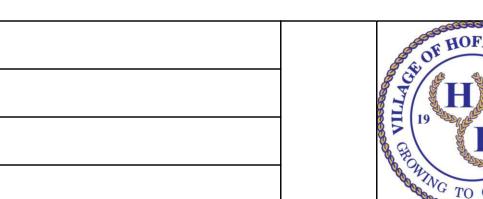
DESIGNED - DSG

REVISED -

REVISED -

REVISED -

REVISED -



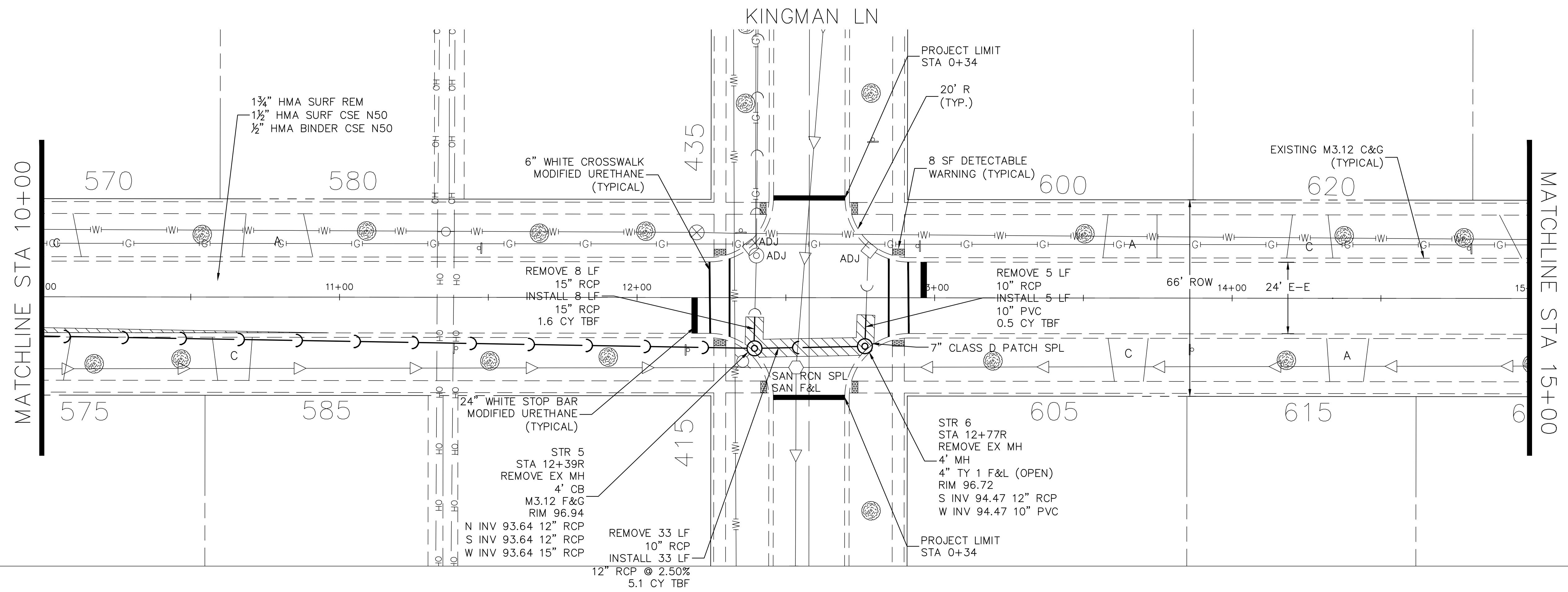
VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Infrastructure Improvements Project
Morton St
SCALE: 1" = 20'
SHEET NO. 1 OF 3 SHEETS
STA. 0+33 TO STA 10+00

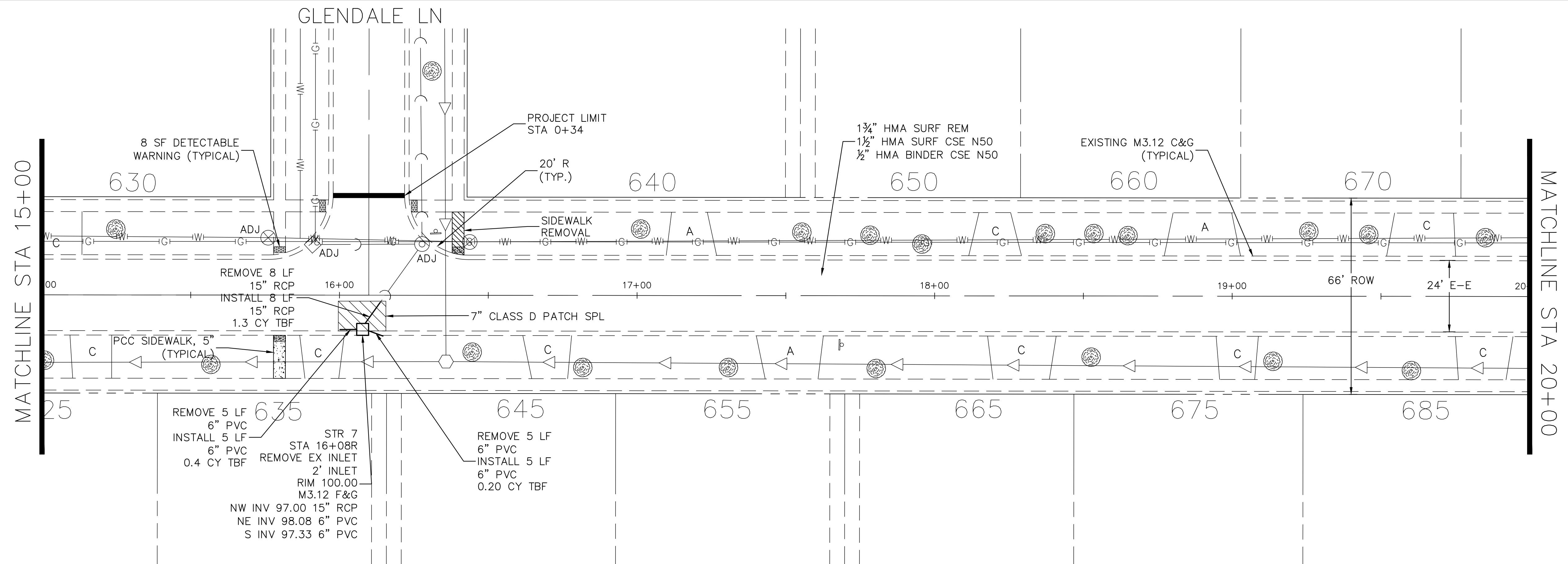
F.A.U.
RTE.
SECTION
26-00120-00-PV
COUNTY
Cook
TOTAL SHEETS
54
SHEET NO.
23

ILLINOIS FED. AID PROJECT

PLAN SURVEYED
PLOTTED
NOTE BOOK ALIGNMENT CHECKED
RTE OF WAY CHECKED
CADD FILE NAME



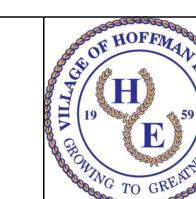
PROFILE SURVEYED
PLOTTED
NOTE BOOK GRADES CHECKED
BLK NO ED NOTATNS CHKD



FILE NAME =
Morton St.dwg

DESIGNED - DSG

REVISED -

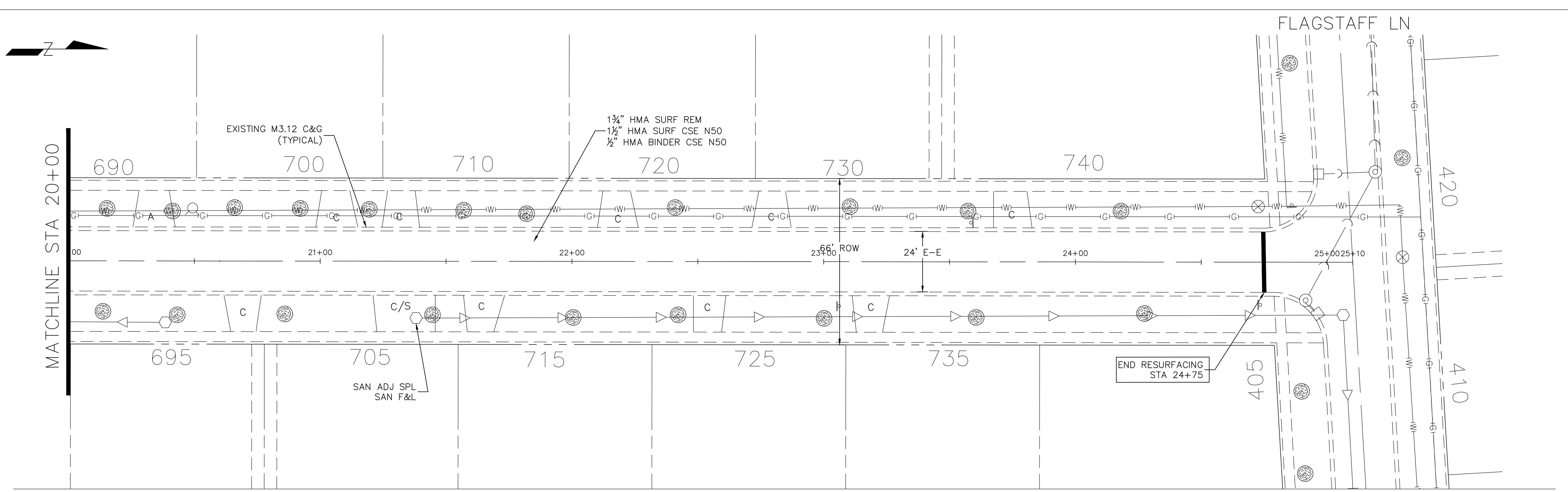


VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Infrastructure Improvements Project
Morton St
SCALE: 1" = 20'
SHEET NO. 2 OF 3 SHEETS
STA. 10+00 TO STA. 20+00

F.A.U.
SECTION
COUNTRY
TOTAL
SHEET
NO.
RTE.
26-00120-00-PV
Cook
54
24
ILLINOIS FED. AID PROJECT

PLAN	SURVEYED
NOTE BOOK	PILOTED
NO. _____	ALIGNMENT CHECKED
RT OF WAY CHECKED	
CABINET NAME	

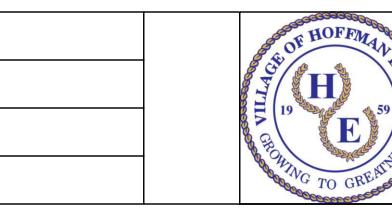


PROFILE	SURVEYED
NOTE BOOK	PILOTED
NO. _____	GRADES CHECKED
B.M. NO. _____	
STRUCTURE NOTES	
CHkd	

FILE NAME =
Morton St.dwg

DESIGNED - DSG

REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

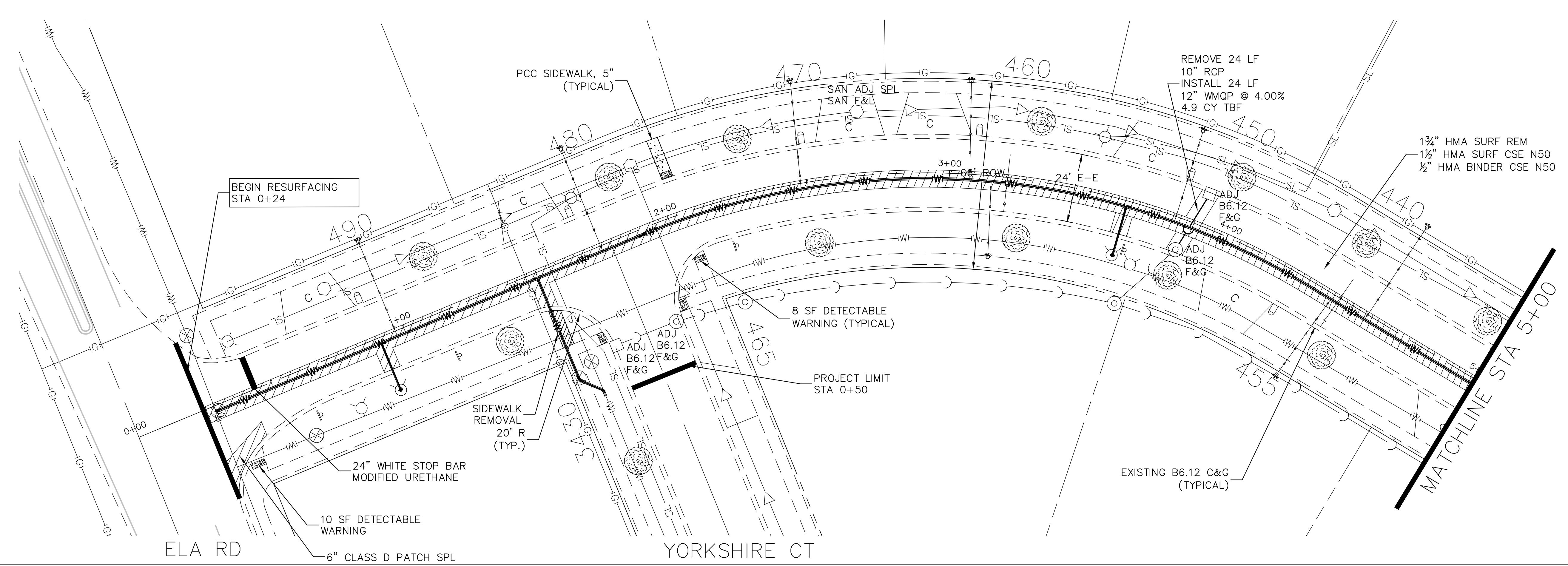
2026 Infrastructure Improvement Project
Morton St

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
26-00120-00-PV	Cook	54	25	

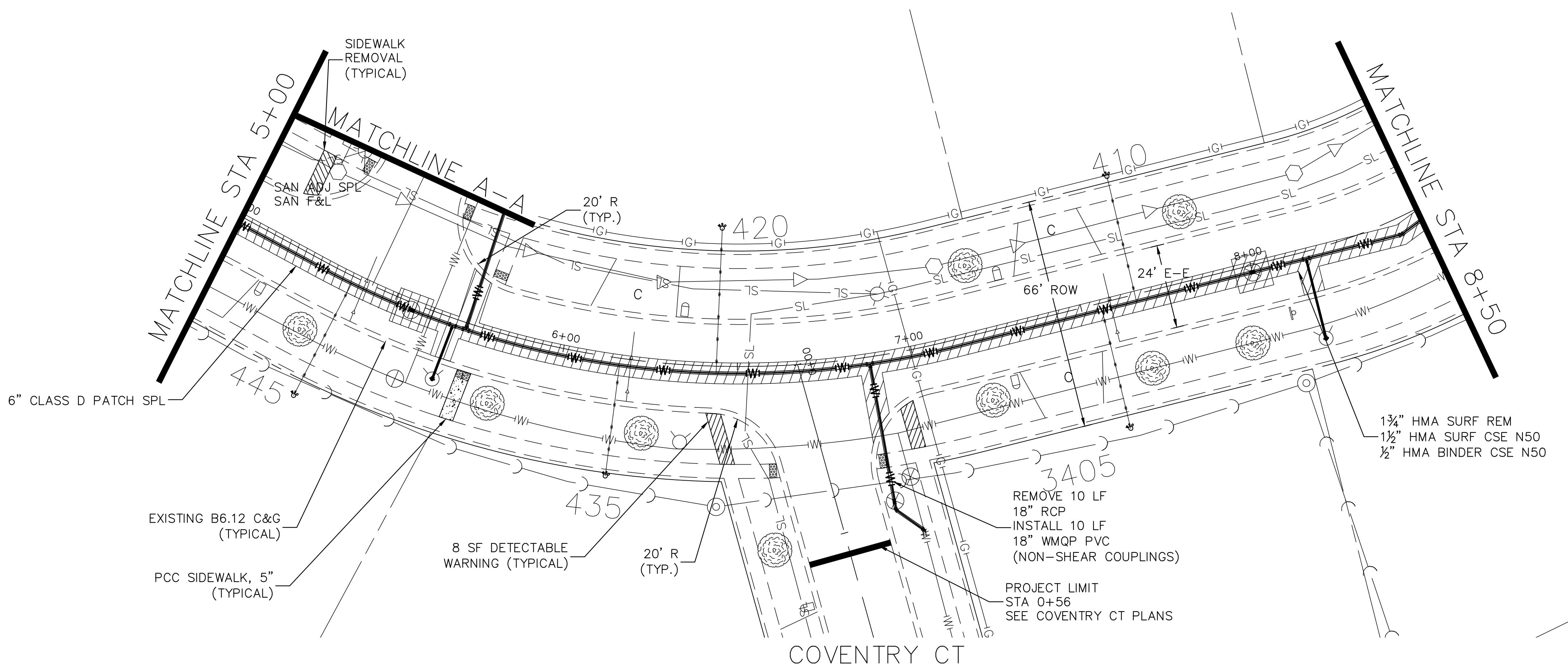
SCALE: 1" = 20' SHEET NO. 3 OF 3 SHEETS STA. 20+00 TO STA 24+75

ILLINOIS FED. AID PROJECT

PLAN SURVEYED
NOTE BOOK GRADES CHECKED
PLOTTED B.M. NO. ED. NOTATNS CHKD
RTD OF WAY CHECKED
CADD FILE NAME NO.



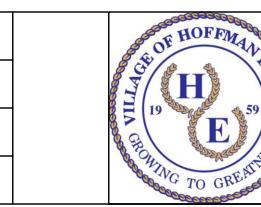
PROFILE SURVEYED
NOTE BOOK GRADES CHECKED
PLOTTED B.M. NO. ED. NOTATNS CHKD
RTD OF WAY CHECKED
CADD FILE NAME NO.



FILE NAME =
Wilshire Dr.dwg

DESIGNED - DSG
DRAWN - DSG
CHECKED - AJW
DATE - 1/9/25

REVISED -
REVISED -
REVISED -
REVISED -

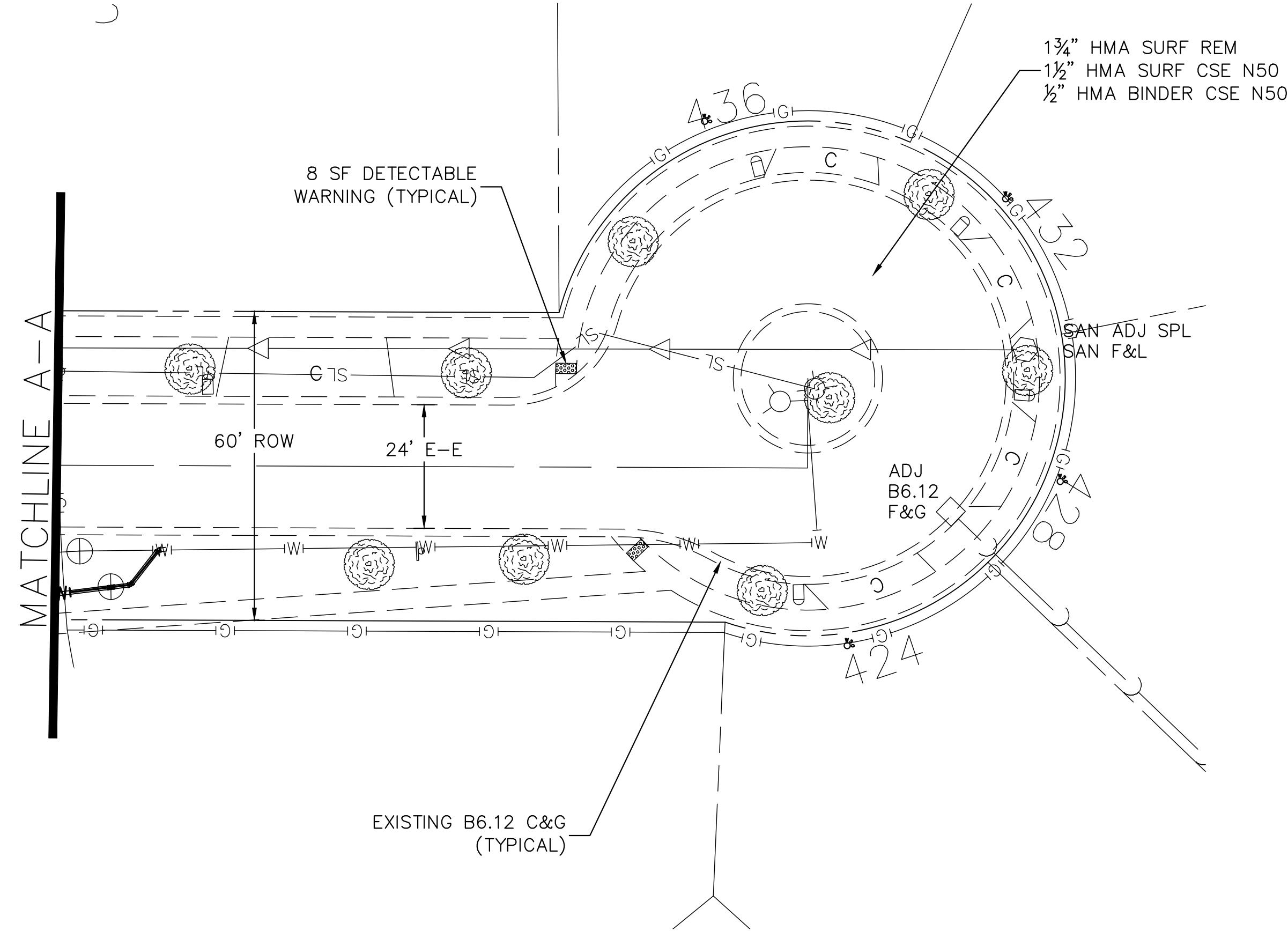


VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

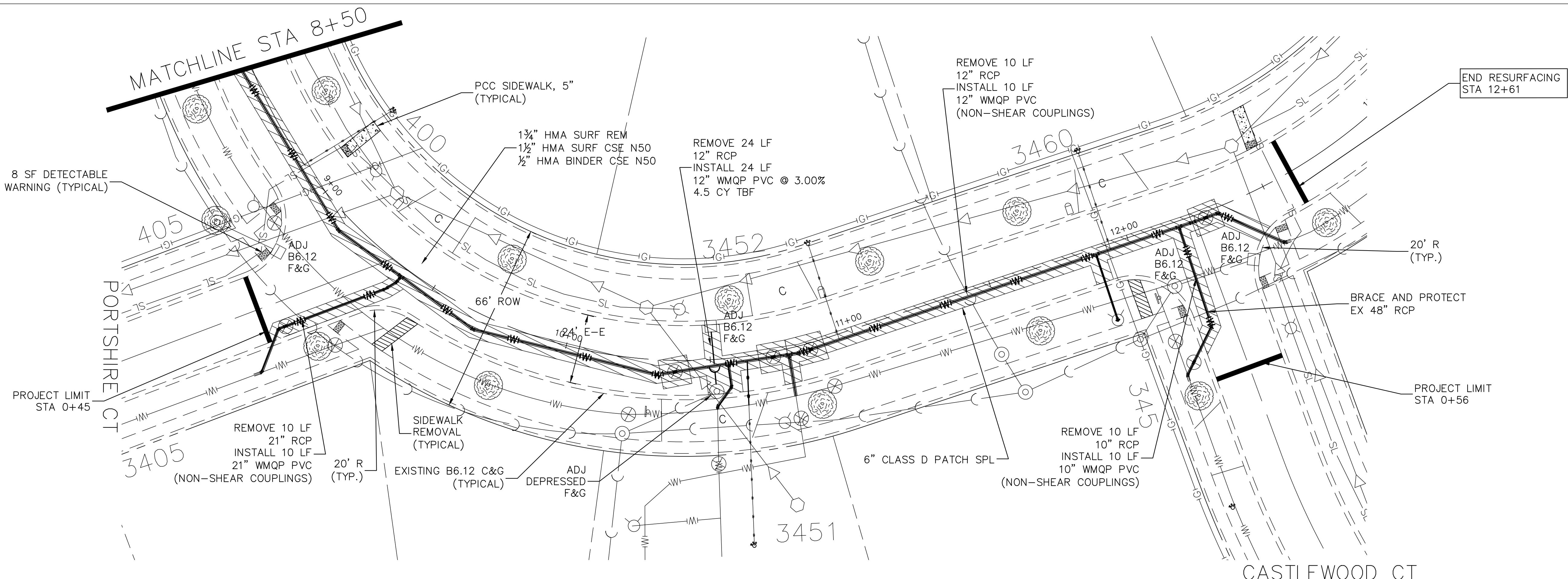
2026 Infrastructure Improvements Project
Wilshire Dr
SCALE: 1" = 20'
SHEET NO. 1 OF 6 SHEETS
STA. 0+24 TO STA 8+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
26-00120-00-PV	Cook	54	26	
ILLINOIS FED. AID PROJECT				

PLAN SURVEYED
PLOTTED
NOTE BOOK
NO. ALIGNMENT CHECKED
RT OF WA CHECKED
CADD FILE NAME



PROFILE SURVEYED
PLOTTED
NOTE BOOK
NO. GRADES CHECKED
BLW. NO. ED. NOTATNS CHKD



FILE NAME =
Wilshire Dr.dwg

DESIGNED - DSG

DRAWN - DSG

CHECKED - AJW

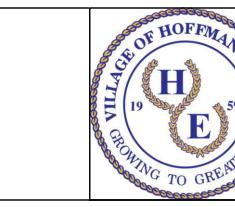
DATE - 1/9/25

REVISED -

REVISED -

REVISED -

REVISED -

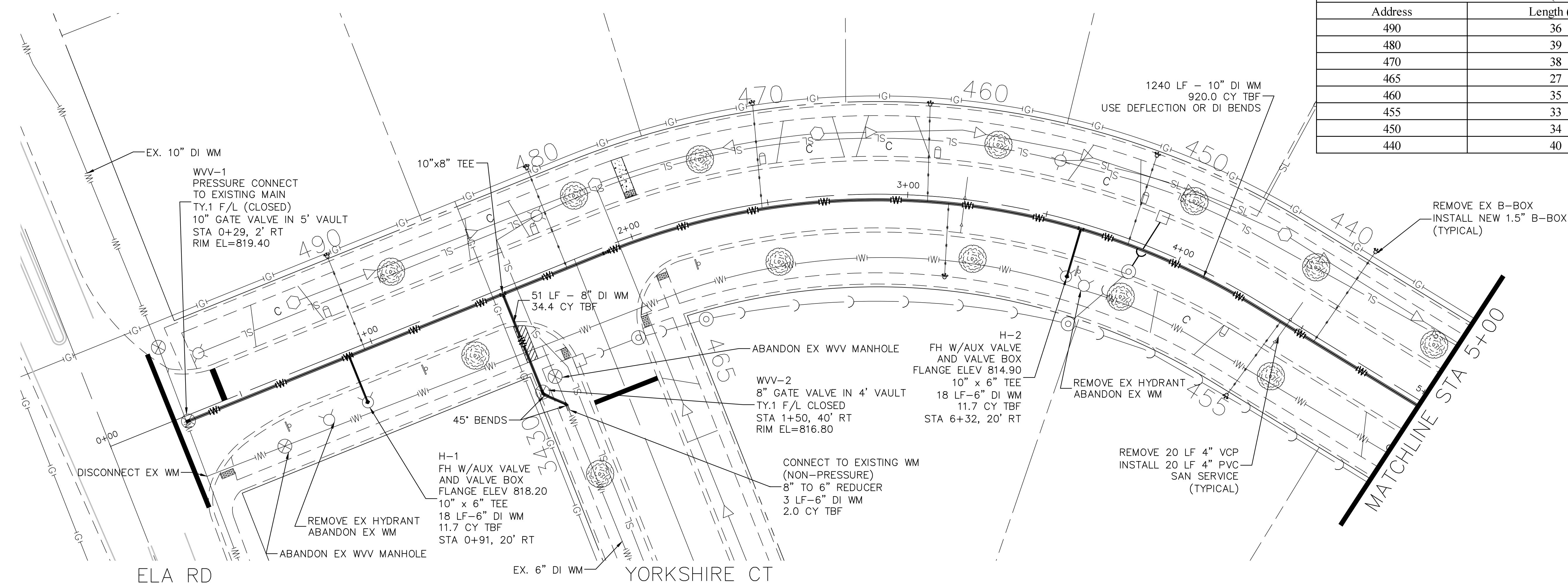


VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

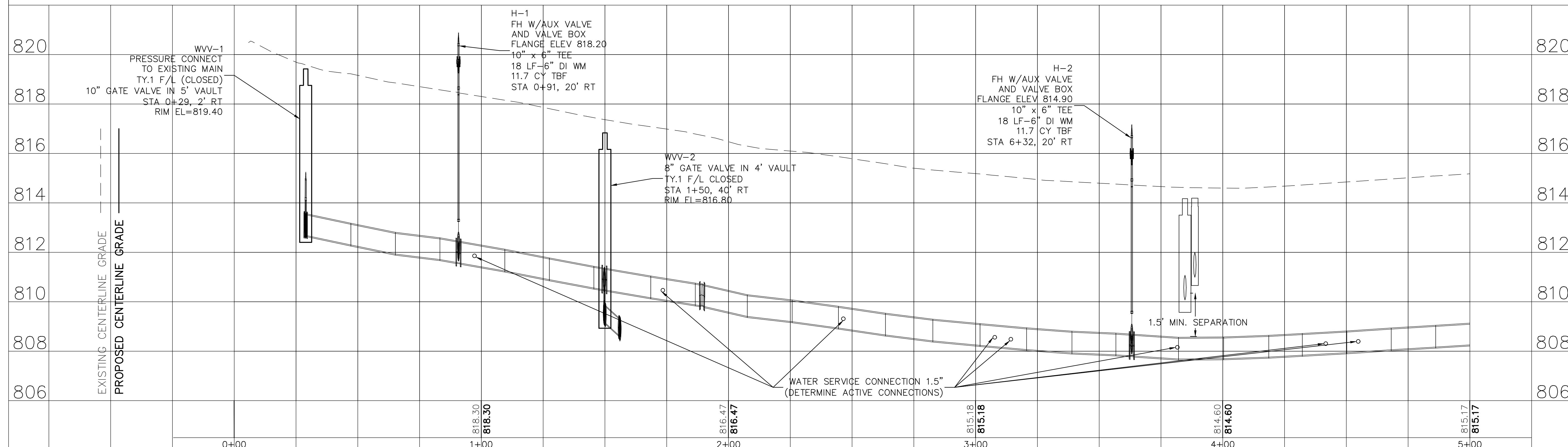
2026 Infrastructure Improvements Project
Wilshire Dr
SCALE: 1" = 20'
SHEET NO. 2 OF 6 SHEETS
STA. 8+50 TO STA 12+61

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
26-00120-00-PV	Cook	54	27	
ILLINOIS FED. AID PROJECT				

PLAN SURVEYED
NOTE BOOK PLOTTED
RT OF WAY CHECKED
CABINET NO. _____



PROFILE SURVEYED
PLOTTED
NOTE BOOK GRADES CHECKED
B.M. NO. _____
STRUCTURE NOTATNS CHKD
NO. _____



FILE NAME =
Wilshire Dr.dwg

DESIGNED - DSG

DRAWN - DSG

CHECKED - AJW

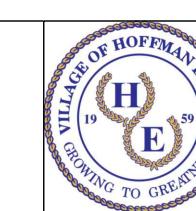
DATE - 03/10/25

REVISED -

REVISED -

REVISED -

REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Infrastructure Improvements Project
Wilshire Dr (Watermain)

SCALE: 1" = 20' SHEET NO. 3 OF 6 SHEETS STA. 0+24 TO STA 5+00

1.5" TYPE K COPPER WATER SERVICE (BORING REQ)	
Address	Length (ft)
490	36
480	39
470	38
465	27
460	35
455	33
450	34
440	40

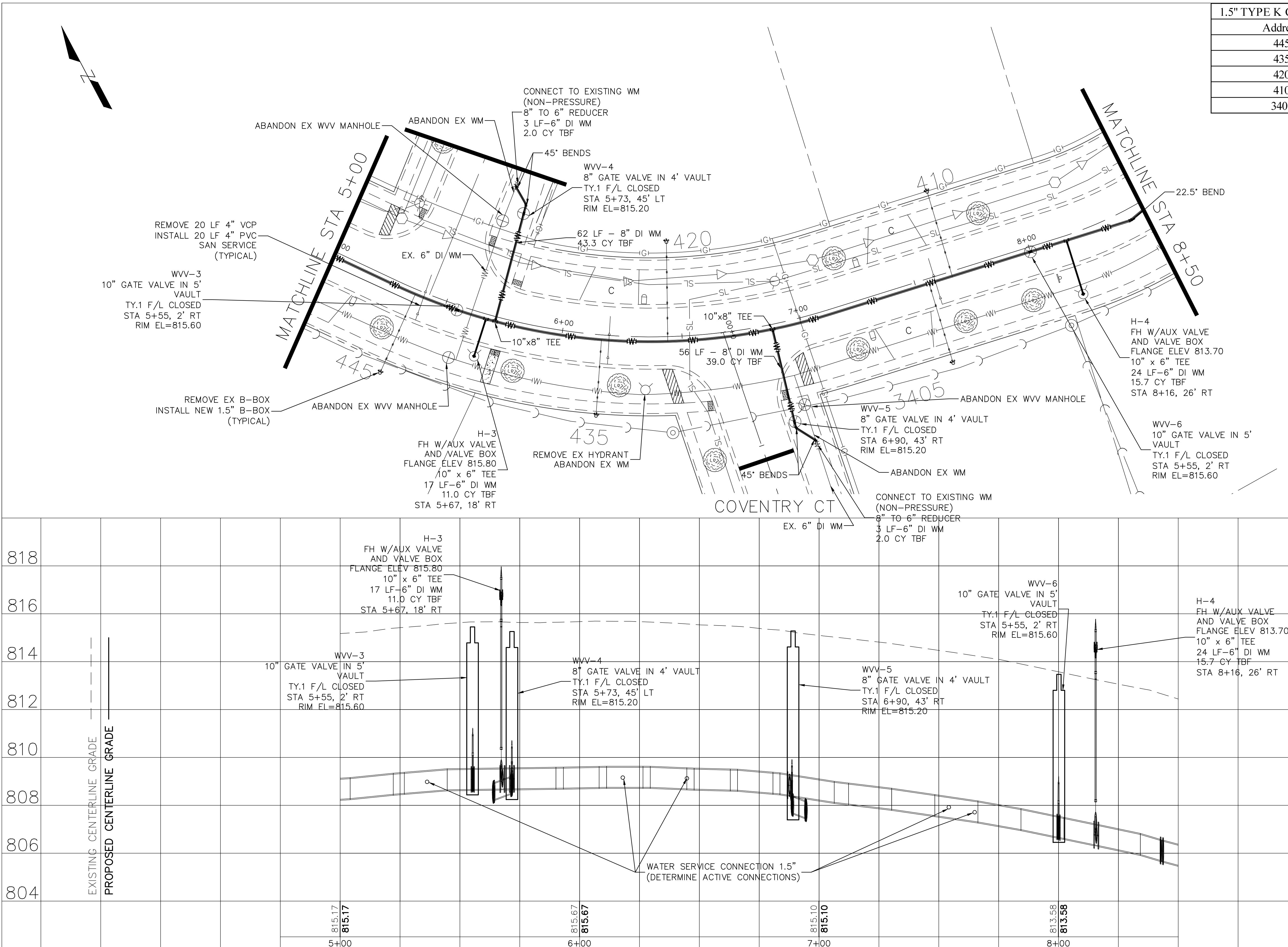
ILLINOIS FED. AID PROJECT

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
26-00120-00-PV	Cook	54	28	

1.5" TYPE K COPPER WATER SERVICE (BORING REQ)	
Address	Length (ft)
445	37
435	33
420	43
410	38
3405	36

PLAN SURVEYED
PLOTTED
NOTE: BOOK ALIGNMENT CHECKED
RPT OF WAY CHECKED
CADD FILE NAME

PROFILE SURVEYED
PLOTTED
NOTE: BOOK GRADES CHECKED
BLW. NO. EED. NOTATNS CHKD



FILE NAME =
Wilshire Dr.dwg

DESIGNED - DSG

REVISED -

DRAWN - DSG

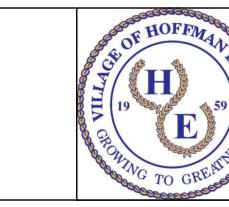
REVISED -

CHECKED - AJW

REVISED -

DATE - 03/10/25

REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Infrastructure Improvements Project
Wilshire Dr (Watermain)

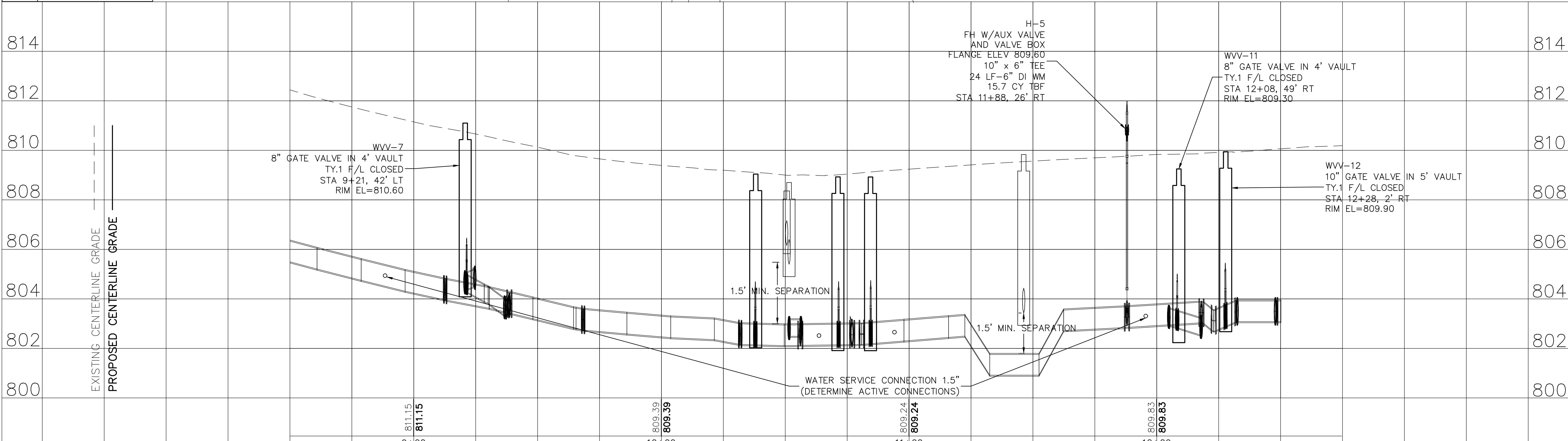
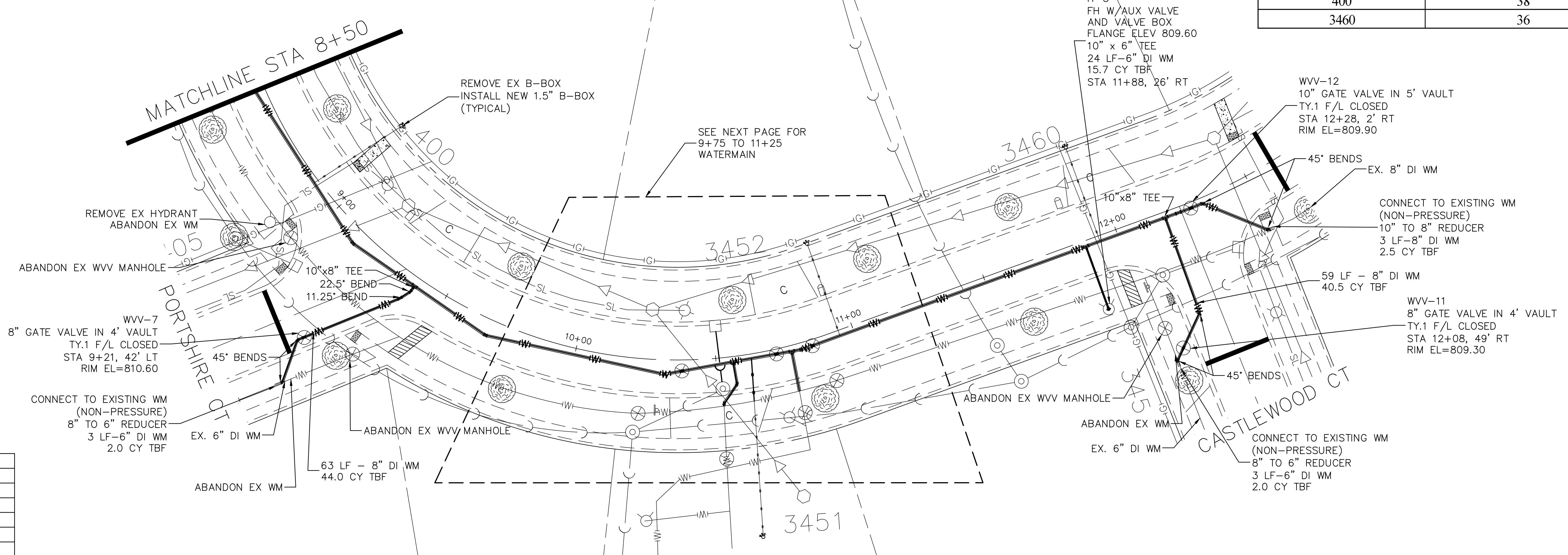
SCALE: 1" = 20' SHEET NO. 4 OF 6 SHEETS STA. 5+00 TO STA 8+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
26-00120-00-PV	Cook	54	29	

ILLINOIS FED. AID PROJECT

PLAN SURVEYED
NOTE BOOK PLOTTED ALIGNMENT CHECKED
ROUTE OF WAY CHECKED
NO. _____

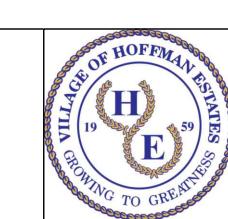
PROFILE SURVEYED
NOTE BOOK PLOTTED GRADES CHECKED
B.M. NO. _____ D.O.E. NOTATIONS CHKD
NO. _____



FILE NAME =
Wilshire Dr.dwg

DESIGNED - DSG
DRAWN - DSG
CHECKED - AJW
DATE - 03/10/25

REVISED -
REVISED -
REVISED -
REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Infrastructure Improvements Project
Wilshire Dr (Watermain)
SCALE: 1" = 20'
SHEET NO. 5 OF 6 SHEETS STA. 8+50 TO STA 12+61

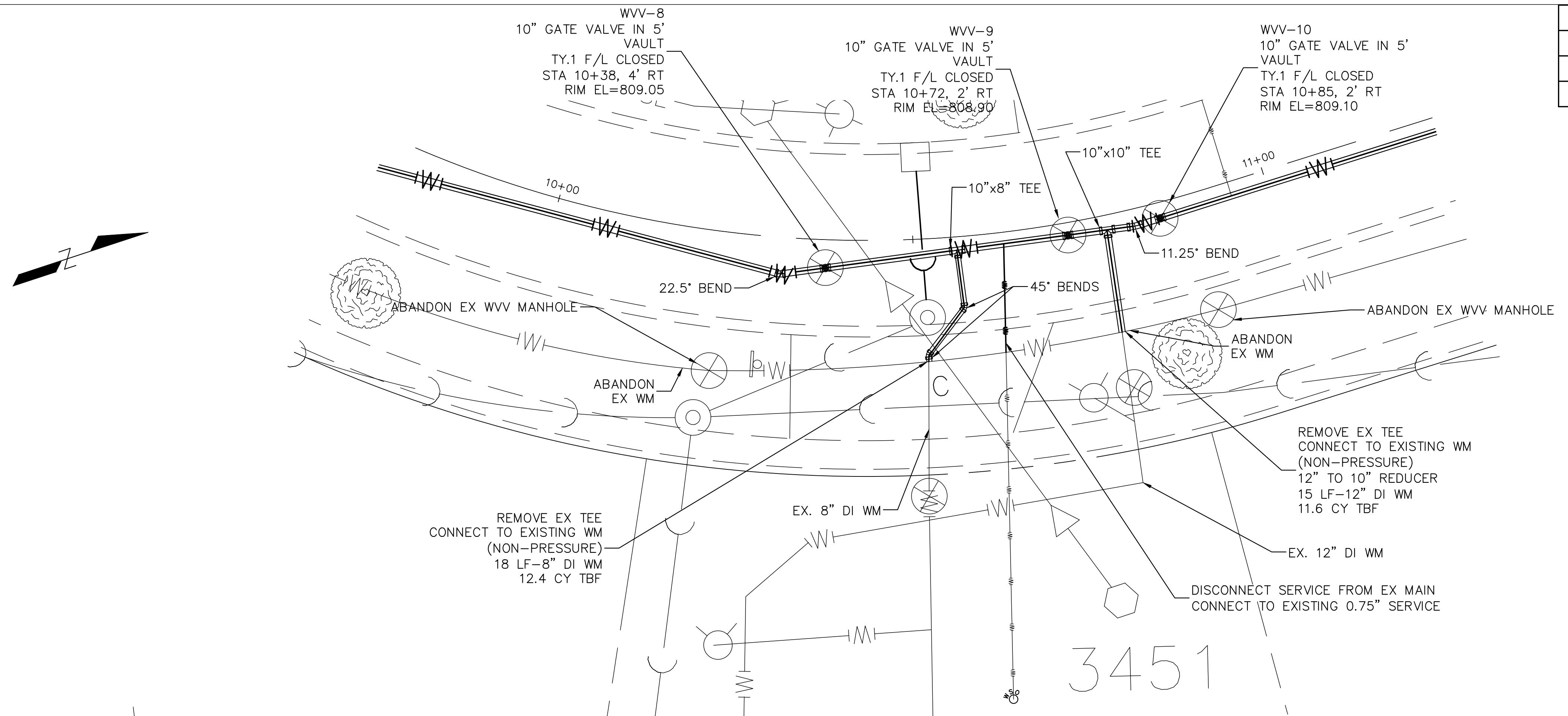
1.5" TYPE K COPPER WATER SERVICE (BORING REQ)	
Address	Length (ft)
400	38
3460	36

ILLINOIS FED. AID PROJECT

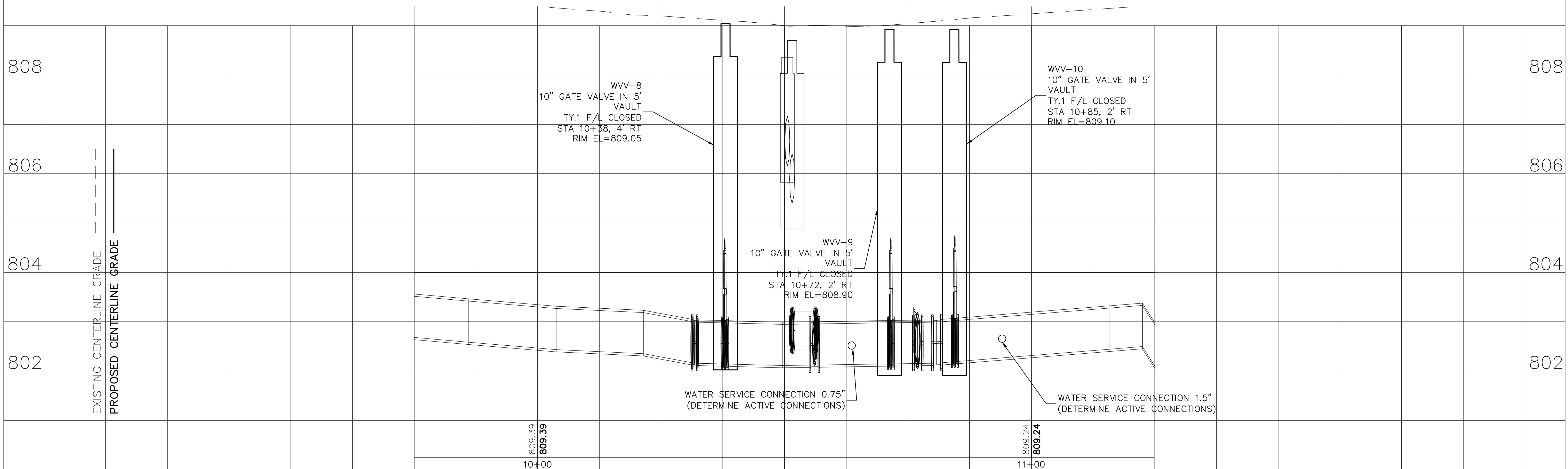
F.A.U.
RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
26-00120-00-PV Cook 54 30

PLAN	SURVEYED
	PILOTED
NOTE BOOK	ALIGNMENT CHECKED
NO.	ROUTE OF WAY CHECKED

1.5" TYPE K COPPER WATER SERVICE (BORING REQ)	
Address	Length (ft)
3452	35
3451 (0.75" pipe)	16



PROFILE	SURVEYED
	PILOTED
NOTE BOOK	GRADES CHECKED
NO.	BIM, NO ED, NOTATNS CHCKD



FILE NAME =
Wilshire Dr.dwg

DESIGNED - DSG

DRAWN - DSG

CHECKED - AJW

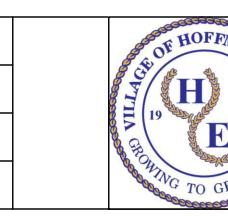
DATE - 11/24/25

REVISED -

REVISED -

REVISED -

REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Infrastructure Improvements Project
Wilshire Dr (Watermain)

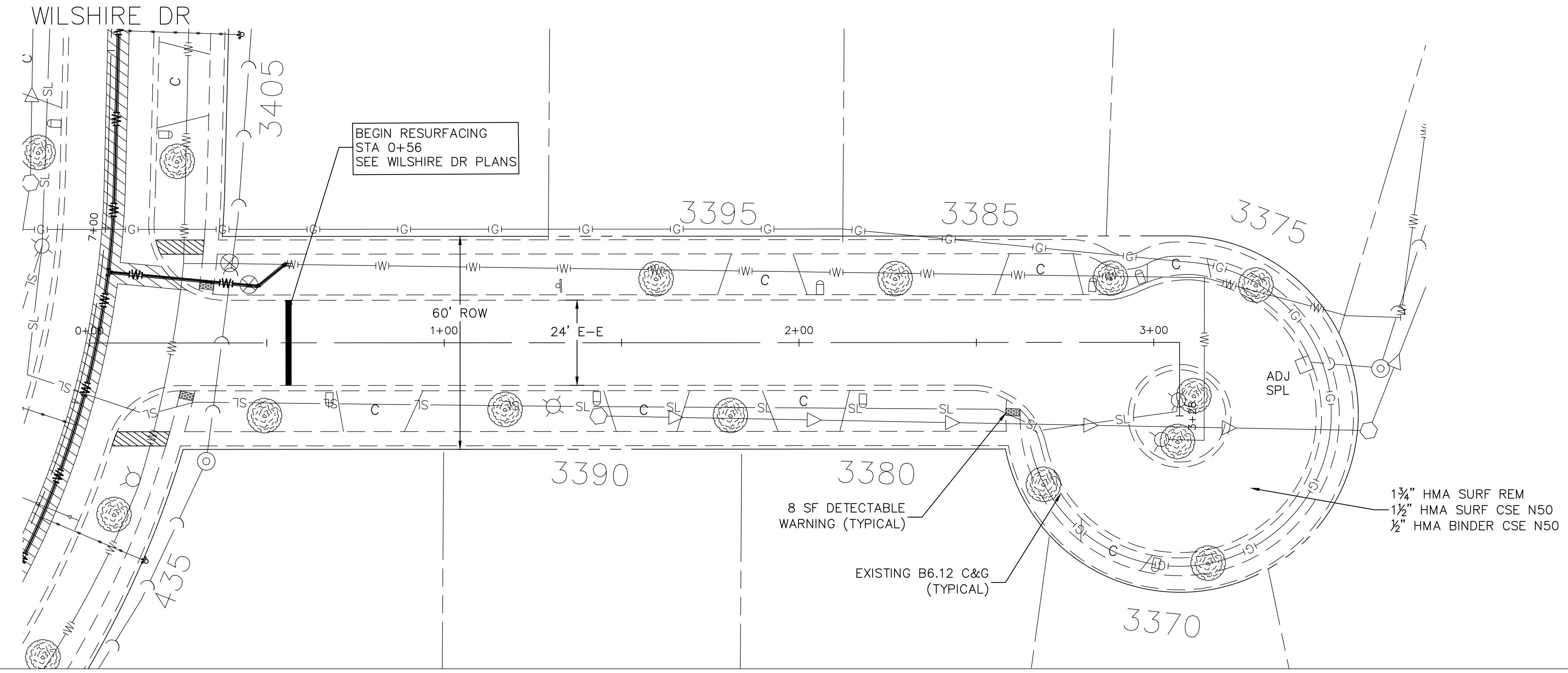
SCALE: 1" = 10' SHEET NO. 6 OF 6 SHEETS STA. 9+75 TO STA 11+25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
26-00120-00-PV	Cook	54	31	

ILLINOIS FED. AID PROJECT

PLAN	SURVEYED
	PILOTED
NOTE BOOK	ALIGNMENT CHECKED
NO. _____	RT OF WAY CHECKED
CADD FILE NAME	

PROFILE	SURVEYED	DATE	BY	DATE
	PILOTED			
NOTE BOOK	GRADES CHECKED			
NO. _____	B.M. NO. _____			
STRUCTURE NOTATNS CHkd				



FILE NAME =
Coventry Ct.dwg

DESIGNED - DSG

REVISED -

DRAWN - DSG

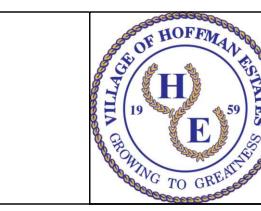
REVISED -

CHECKED - AJW

REVISED -

DATE - 11/24/25

REVISED -



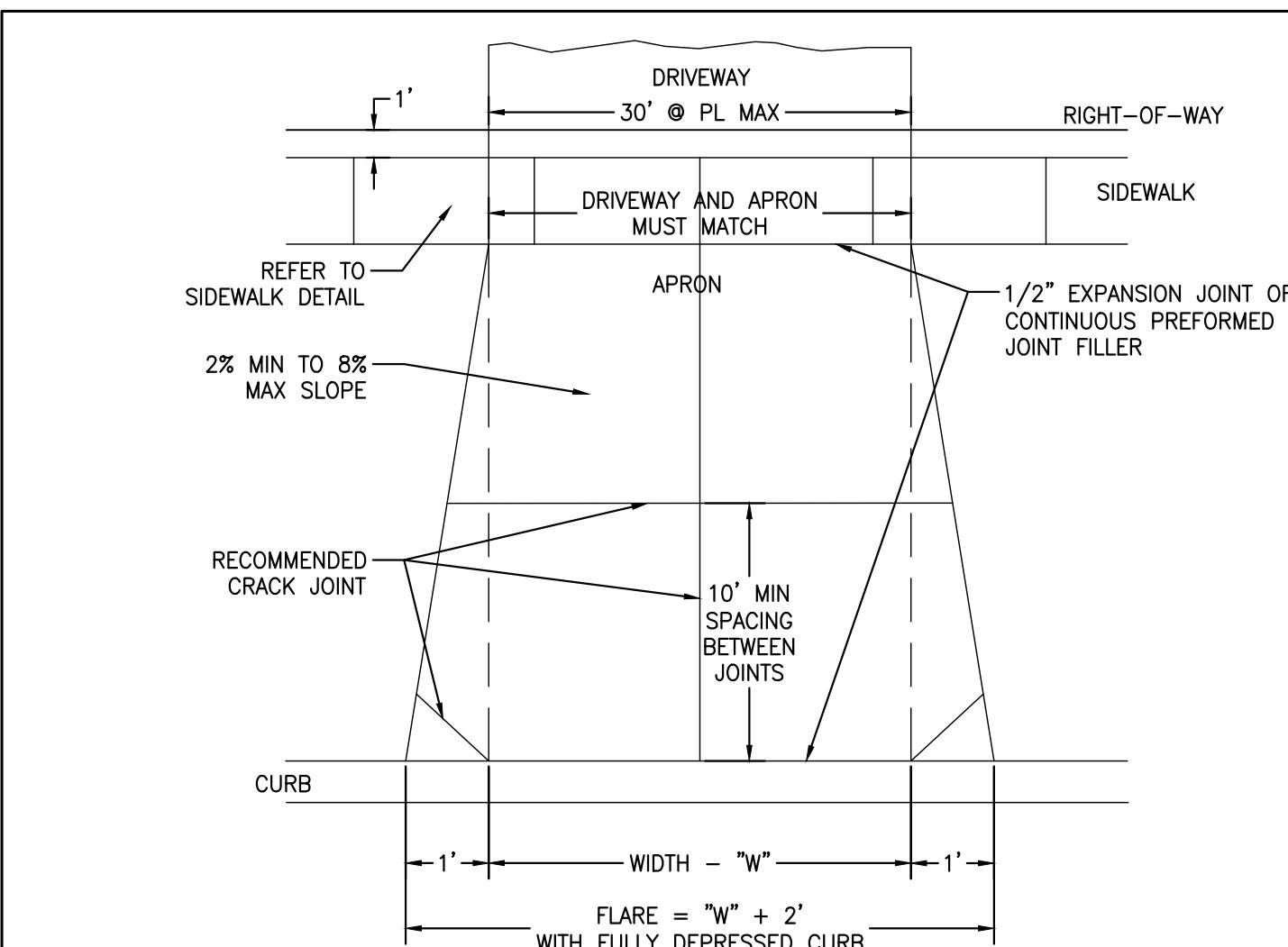
VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Infrastructure Improvements Project
Coventry Ct

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
26-00120-00-PV	Cook	54	32	

ILLINOIS FED. AID PROJECT

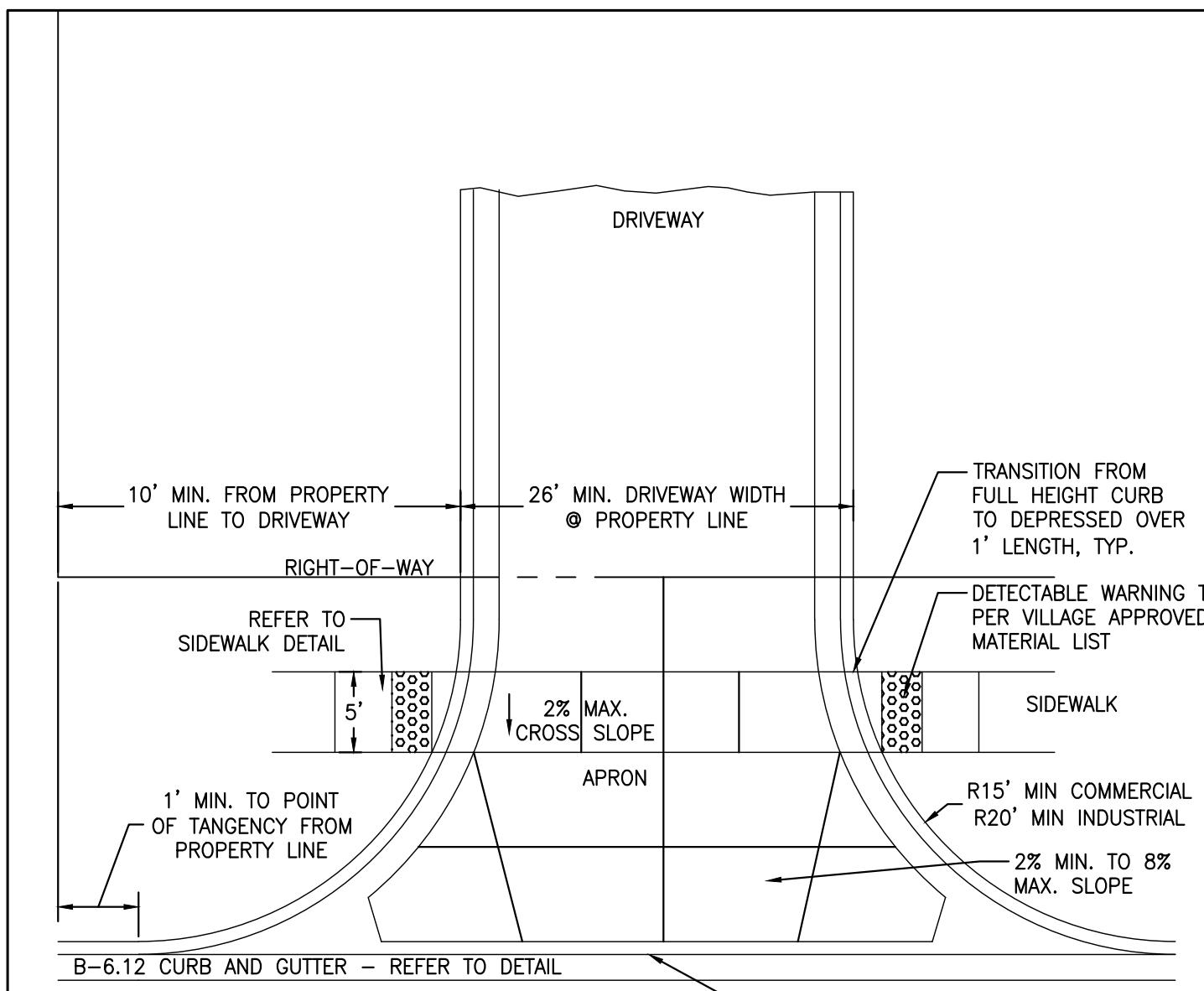
SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS STA. 0+38 TO STA 3+28



NOTES:

1. MINIMUM WIDTH, "W" = 10', MINIMUM FLARE = 12'
MAXIMUM WIDTH, "W" = 30', MAXIMUM FLARE = 32'
2. THE APRON SHALL CONSIST OF:
6" P.C.C.
6" X 6" NO. 10 STEEL MESH REINFORCED OR SYNTHETIC FIBERS
4" CA-6 CRUSHED STONE OR GRAVEL
CONCRETE TO BE 6 BAG MIX, 3500 psi COMPRESSIVE STRENGTH
3. THE DRIVEWAY SHALL CONSIST OF:
2" H.M.A
6" CA-6 CRUSHED STONE
OR
4" P.C.C
4" CA-6 CRUSHED STONE
W/ WIRE MESH REINFORCEMENT OR SYNTHETIC FIBERS
4. SIDEWALK THROUGH DRIVEWAY MUST BE A MINIMUM OF 6" P.C.C. WITH 4" STONE.
5. CURE AND SEAL COMPOUND PER THE VILLAGE APPROVED MATERIAL LIST.
6. CLASS SI CONCRETE IN ACCORDANCE WITH THE STAND OF ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
7. ALL WORK AND MATERIAL SHALL CONFORM TO IDOT STANDARD SPECIFICATIONS UNLESS OTHERWISE SPECIFIED

RESIDENTIAL APRON & DRIVEWAY	SCALE	NONE	REVISIONS		
	DATE	01/01/26	NO.	BY	
	DRAFTER	MRC			
VILLAGE OF HOFFMAN ESTATES ENGINEERING DIVISION	SHEET NO.				
	1 OF 1				



NOTES:

1. THE APRON SHALL CONSIST OF:
6" P.C.C
4" CA-6 CRUSHED STONE
6" X 6" NO. 10 STEEL MESH REINFORCED OR SYNTHETIC FIBER
A LARGER CROSS SECTION MAY BE REQUIRED DUE TO THE TRUCK VOLUME OR ROUTING THROUGH A SITE.

2. THE DRIVEWAY SHALL BE DESIGNED TO ACCOMMODATE SITE APPLICABLE TRAFFIC NEEDS. MINIMUM PAVEMENT SIZE REQUIRED:
1 1/2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
BITUMINOUS MATERIALS (TRACKLESS TACK COAT)
2 1/2" HOT-MIX ASPHALT BINDER, IL-19.0, N50
10" CA-6 CRUSHED STONE

3. SIDEWALK THROUGH DRIVEWAY MUST BE A MINIMUM OF 6" P.C.C. WITH 4" STONE.

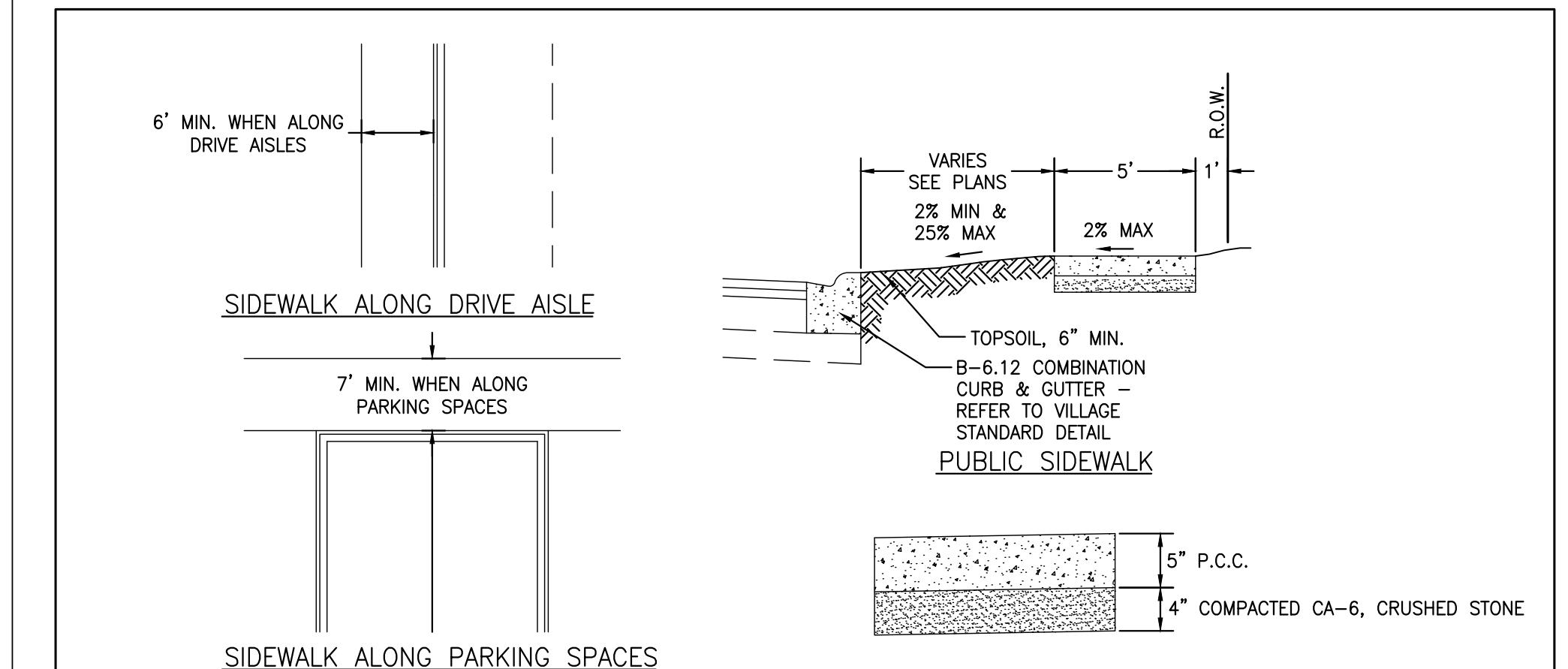
4. CONCRETE MUST BE CURED IN ACCORDANCE WITH IDOT SPECIFICATIONS.

5. CURE AND SEAL COMPOUND PER THE VILLAGE APPROVED MATERIAL LIST.

6. CLASS SI CONCRETE IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

7. ALL WORK AND MATERIAL SHALL CONFORM TO IDOT STANDARD SPECIFICATIONS UNLESS OTHERWISE SPECIFIED.

COMMERCIAL APRON & DRIVEWAY		SCALE	NONE	REVISIONS	
		DATE	01/01/26	NO. BY DATE	
		DRAFTER	MRC		
		SHEET NO.			
		1 OF 1			
VILLAGE OF HOFFMAN ESTATES ENGINEERING DIVISION					



SIDEWALK ALONG PARKING SPACES

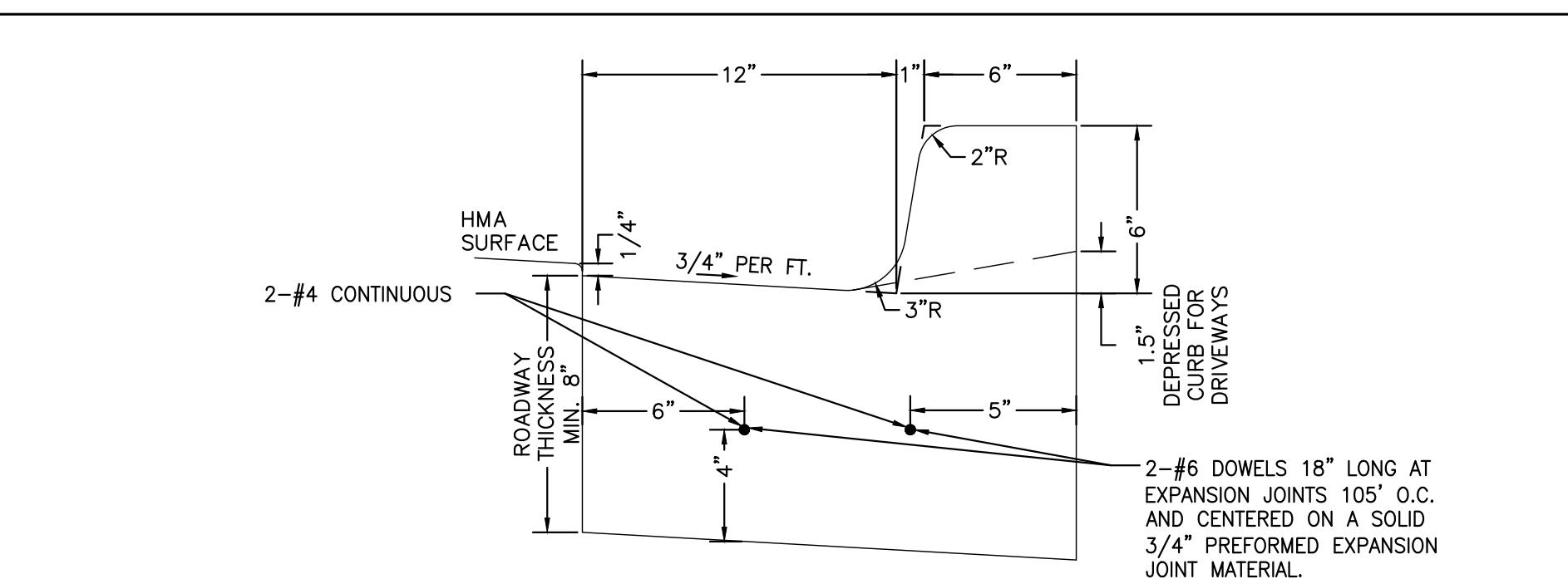
*MUST MAINTAIN FULL HEIGHT CURB IN FRONT OF PARKING STALLS.
REFER TO CURB RAMP TRANSITION DETAIL FOR FURTHER
INFORMATION ON CURB RAMPS LOCATED ALONG PARKING STALLS.

SIDEWALK SECTION

NOTES:

1. CONCRETE SIDEWALKS WITHIN DRIVEWAY AREAS SHALL BE A MINIMUM OF 6" OR MATCH THE DRIVEWAY PAVEMENT THICKNESS.
2. ALL CONCRETE FORMS SHALL BE SIZED PROPERLY TO COVER THE ENTIRETY OF THE SLAB THICKNESS.
3. SIDEWALKS SHALL FOLLOW CURRENT ADA GUIDELINES.
4. PREFORMED 3/4" EXPANSION JOINTS SHALL BE CONSTRUCTED AT A MAXIMUM SPACING OF 50'.
5. FORMED OR SAW-CUT CONTRACTION JOINTS SHALL BE SPACED GENERALLY 5' APART, BUT NO LESS THAN 4' AND NO MORE THAN 6'.
6. 1/2" EXPANSION JOINTS SHALL BE INSTALLED WHERE SIDEWALK ABUTS BUILDINGS, TRAFFIC SIGNAL FOUNDATIONS, SERVICE POLES, AND OTHER IMMOVABLE STRUCTURES.
7. CURE AND SEAL COMPOUND PER THE VILLAGE APPROVED MATERIAL LIST.
8. CLASS SI CONCRETE IN ACCORDANCE WITH THE STAND OF ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
9. ALL WORK AND MATERIAL SHALL CONFORM TO IDOT STANDARD SPECIFICATIONS UNLESS OTHERWISE SPECIFIED.

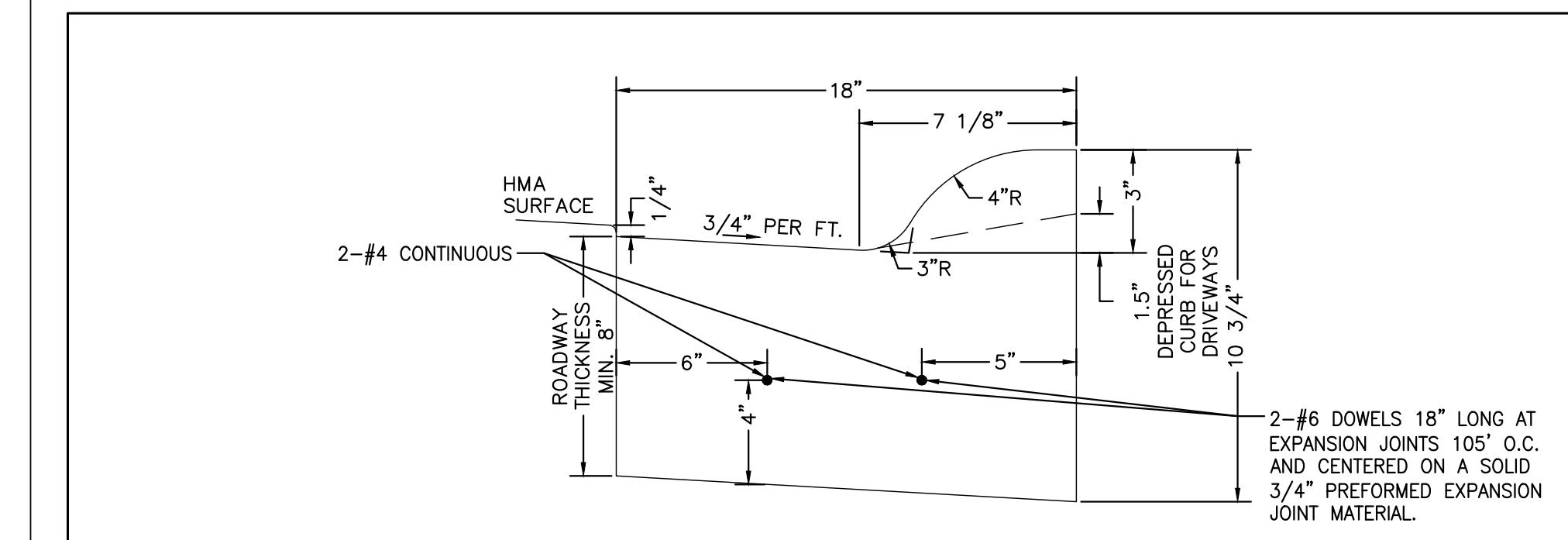
9. ALL WORK AND MATERIAL SHALL CONFORM TO IDOT STANDARD SPECIFICATIONS UNLESS OTHERWISE SPECIFIED.					
<p style="text-align: center;">SIDEWALK</p> <p>VILLAGE OF HOFFMAN ESTATES ENGINEERING DIVISION</p>	SCALE	NONE		REVISIONS	
	DATE	01/01/26	NO. BY	DATE	
	DRAFTER	MRC			
	SHEET NO. 1 OF 1				



NOTES:

1. THE CURB SHALL BE DEPRESSED AT ALL APRONS AND ACROSS ALL SIDEWALK RAMPING IN ACCORDANCE WITH PROJECT DETAILS AND ADA GUIDELINES.
2. DEPRESSED CURB FOR SIDEWALK RAMPS SHALL BE A MAXIMUM OF 1/2 INCH IN HEIGHT.
3. CONTRACTION JOINTS TO BE TOOLED OR SAWCUT EVERY 15 FEET TO A DEPTH OF 1 1/2 INCHES.
4. EXPANSION JOINTS SHALL BE PROVIDED AT THE BEGINNING AND END OF ALL RETURN RADII, 5 FEET EITHER SIDE OF A DRAINAGE STRUCTURE, AT THE END OF A DAY'S POUR, AND/OR AT SPACING NOT TO EXCEED 105 FEET.
5. EXPANSION JOINTS SHALL CONSIST OF 2-NO. 6 BARS, 18 INCHES LONG, CAPPED AND GREASED ON ONE END, EXTENDING THROUGH AND CENTERED ON A SOLID 3/4 INCH PREFORMED EXPANSION JOINT MATERIAL CUT TO CONFORM TO THE SHAPE OF THE CURB AND GUTTER SECTION.
6. PREFORMED 1/2 INCH EXPANSION JOINTS WILL BE PROVIDED BETWEEN THE SIDEWALKS AND CONCRETE DRIVEWAYS WHERE THEY ABUT AGAINST CONCRETE CURB.
7. EXPANSION JOINTS MUST MATCH THE THICKNESS OF THE SIDEWALK OR DRIVEWAY PAVEMENT SECTION.
8. TWO DRILLED AND GROUTED NO. 6 REINFORCING BARS OR EXPANSION TIE ANCHORS, 3/4 INCH IN DIAMETER, SHALL BE USED TO TIE THE PROPOSED CURB AND GUTTER TO THE EXISTING CURB AND GUTTER ON EACH SIDE.
9. CURB SHALL BE STAMPED WITH A "W" INDICATING THE LOCATION OF WATER SERVICES AND STAMPED WITH A "S" INDICATING THE LOCATION OF SANITARY SEWER SERVICES.
10. CURE AND SEAL COMPOUND PER THE VILLAGE APPROVED MATERIAL LIST.
11. CLASS SI CONCRETE IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
12. ALL WORK AND MATERIAL SHALL CONFORM TO IDOT STANDARD SPECIFICATIONS UNLESS OTHERWISE SPECIFIED.

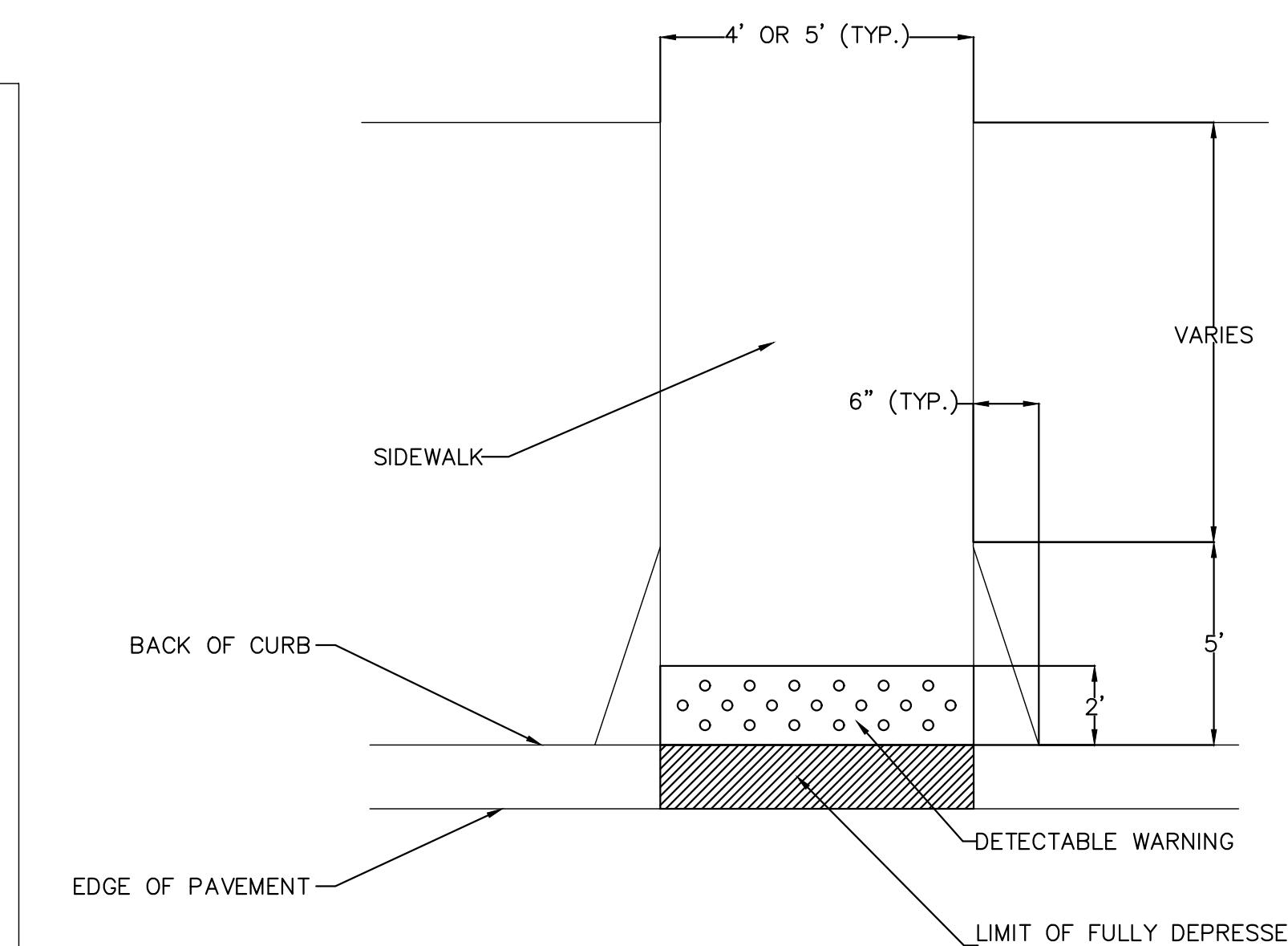
B-6.12 CURB AND GUTTER		SCALE	None	REVISIONS	
		DATE	01/01/26	NO.	BY DATE
		DRAFTER	MRC		
VILLAGE OF HOFFMAN ESTATES ENGINEERING DIVISION		SHEET NO.			
		1 OF 1			



NOTES:

1. THE CURB SHALL BE DEPRESSED AT ALL APRONS AND ACROSS ALL SIDEWALK RAMPING IN ACCORDANCE WITH PROJECT DETAILS AND AD GUIDELINES.
2. DEPRESSED CURB FOR SIDEWALK RAMPS SHALL BE A MAXIMUM OF 1/2 INCH IN HEIGHT.
3. CONTRACTION JOINTS TO BE TOOLED OR SAWCUT EVERY 15 FEET TO A DEPTH OF 1 1/2 INCHES.
4. EXPANSION JOINTS SHALL BE PROVIDED AT THE BEGINNING AND END OF ALL RETURN RADII, 5 FEET EITHER SIDE OF A DRAINAGE STRUCTURE AT THE END OF A DAY'S POUR, AND/OR AT SPACING NOT TO EXCEED 105 FEET.
5. EXPANSION JOINTS SHALL CONSIST OF 2-NO. 6 BARS, 18 INCHES LONG, CAPPED AND GREASED ON ONE END, EXTENDING THROUGH AND CENTERED ON A SOLID 3/4 INCH PREFORMED EXPANSION JOINT MATERIAL CUT TO CONFORM TO THE SHAPE OF THE CURB AND GUTTER SECTION.
6. PREFORMED 1/2 INCH EXPANSION JOINTS WILL BE PROVIDED BETWEEN THE SIDEWALKS AND CONCRETE DRIVEWAYS WHERE THEY ABUT AGAINST CONCRETE CURB.
7. EXPANSION JOINTS MUST MATCH THE THICKNESS OF THE SIDEWALK OR DRIVEWAY PAVEMENT SECTION.
8. TWO DRILLED AND GROUTED NO. 6 REINFORCING BARS OR EXPANSION TIE ANCHORS, 3/4 INCH IN DIAMETER, SHALL BE USED TO TIE THE PROPOSED CURB AND GUTTER TO THE EXISTING CURB AND GUTTER ON EACH SIDE.
9. CURB SHALL BE STAMPED WITH A "W" INDICATING THE LOCATION OF WATER SERVICES AND STAMPED WITH A "S" INDICATING THE LOCATION OF SANITARY SEWER SERVICES.
10. CURE AND SEAL COMPOUND PER THE VILLAGE APPROVED MATERIAL LIST.
11. CLASS SI CONCRETE IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
12. ALL WORK AND MATERIAL SHALL CONFORM TO IDOT STANDARD SPECIFICATIONS UNLESS OTHERWISE SPECIFIED.

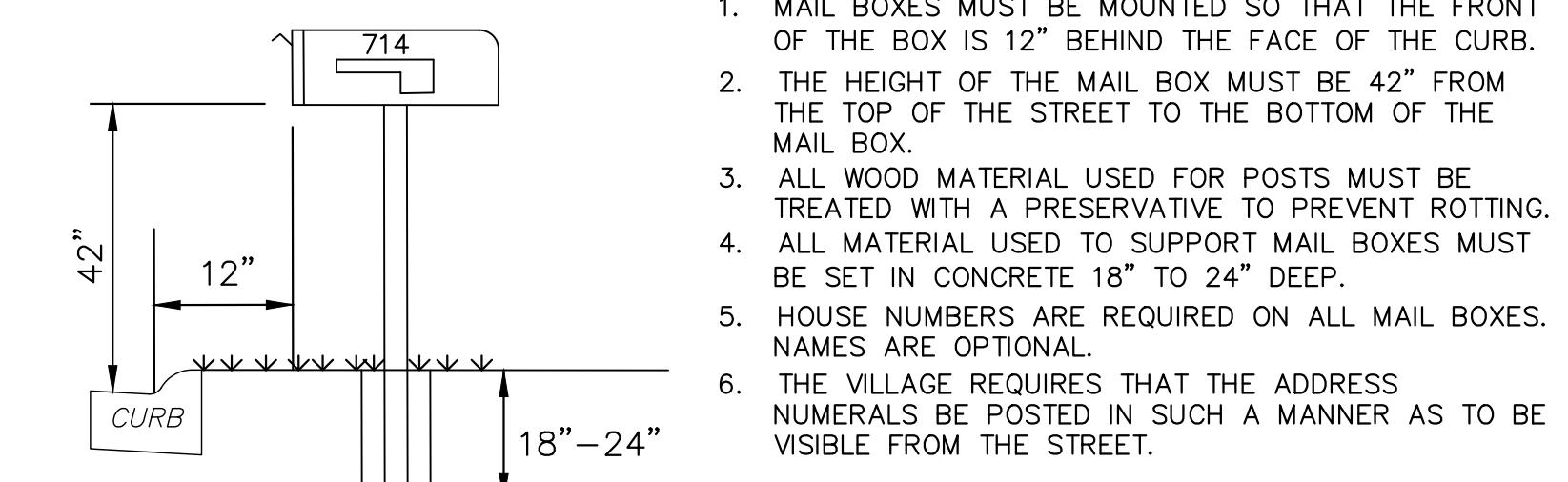
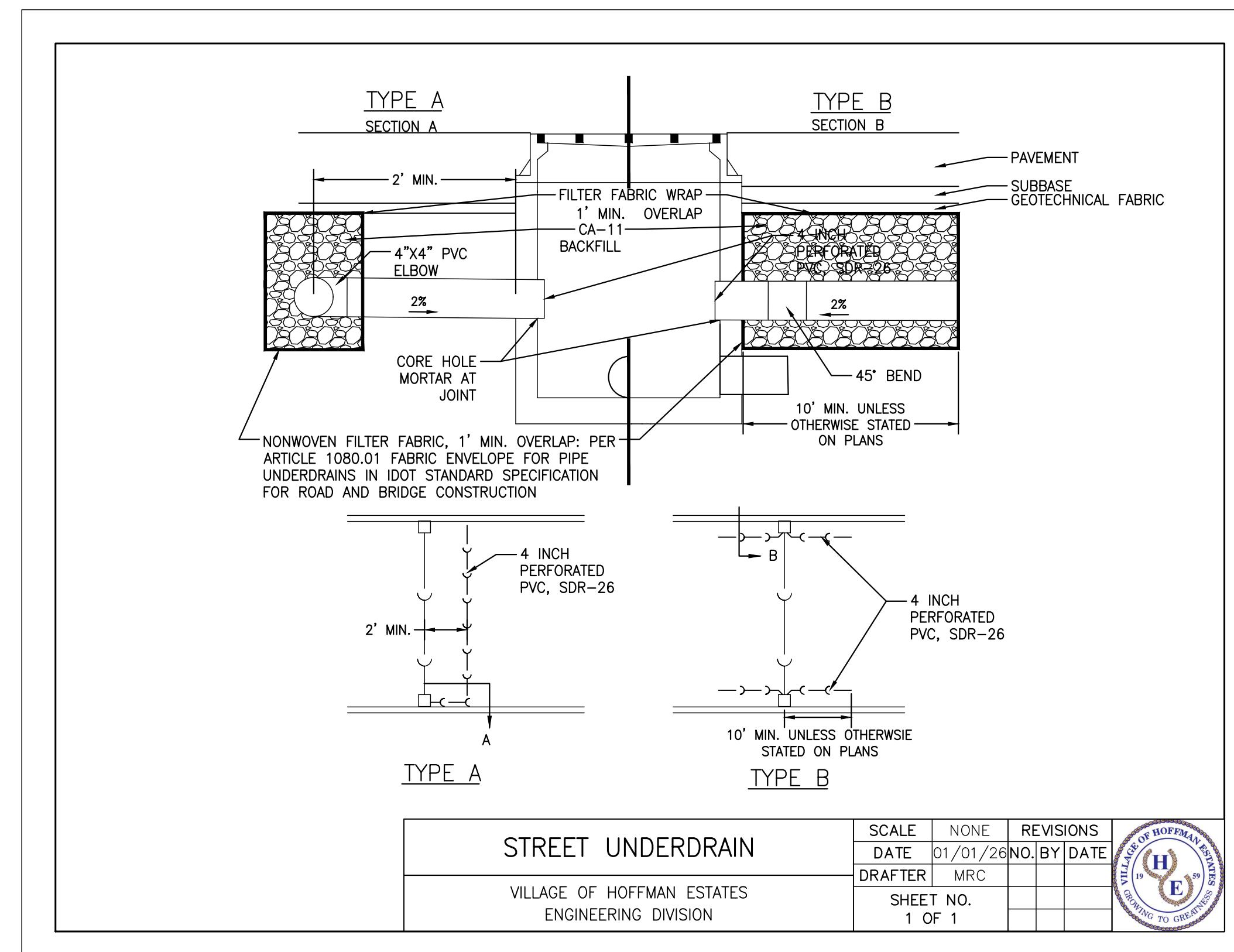
12. ALL WORK AND MATERIAL SHALL CONFORM TO IDOT STANDARD SPECIFICATIONS UNLESS OTHERWISE SPECIFIED.					
M-3.12 CURB AND GUTTER				SCALE	NONE
DATE	01/01/26	NO.	BY	DATE	
DRAFTER	MRC				
VILLAGE OF HOFFMAN ESTATES		SHEET NO.			
ENGINEERING DIVISION		1 OF 1			
					



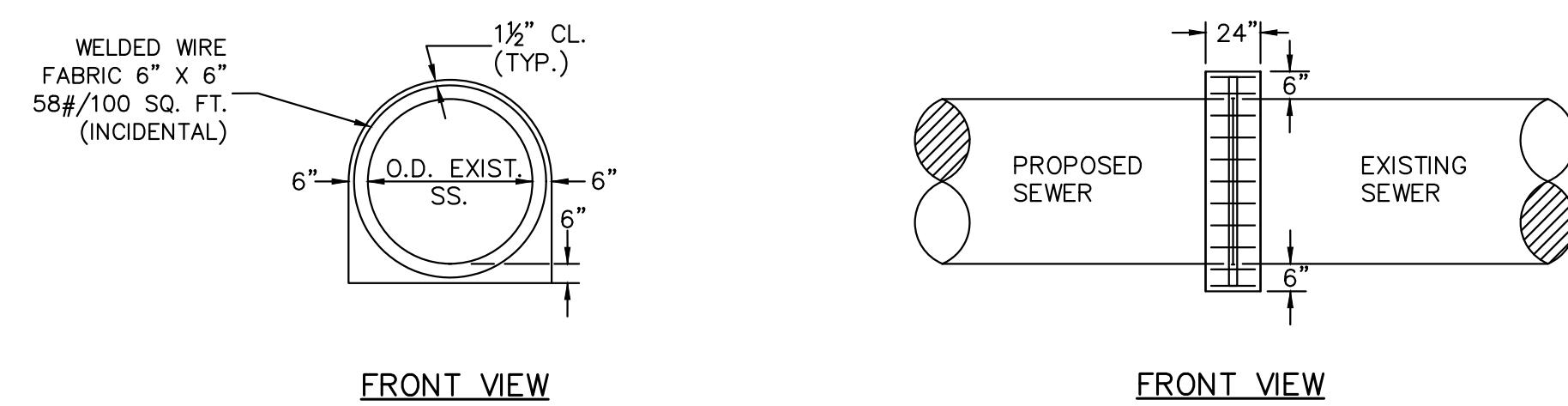
NOTES:

1. DETECTABLE WARNING PLACEMENT AND SIDEWALK/RAMP SLOPE SHALL FOLLOW IDOT STANDARDS 424001 AND 424006
2. DETECTABLE WARNING TO MATCH FULL WIDTH OF APPROACH SIDEWALK, MINIMUM 4 FEET

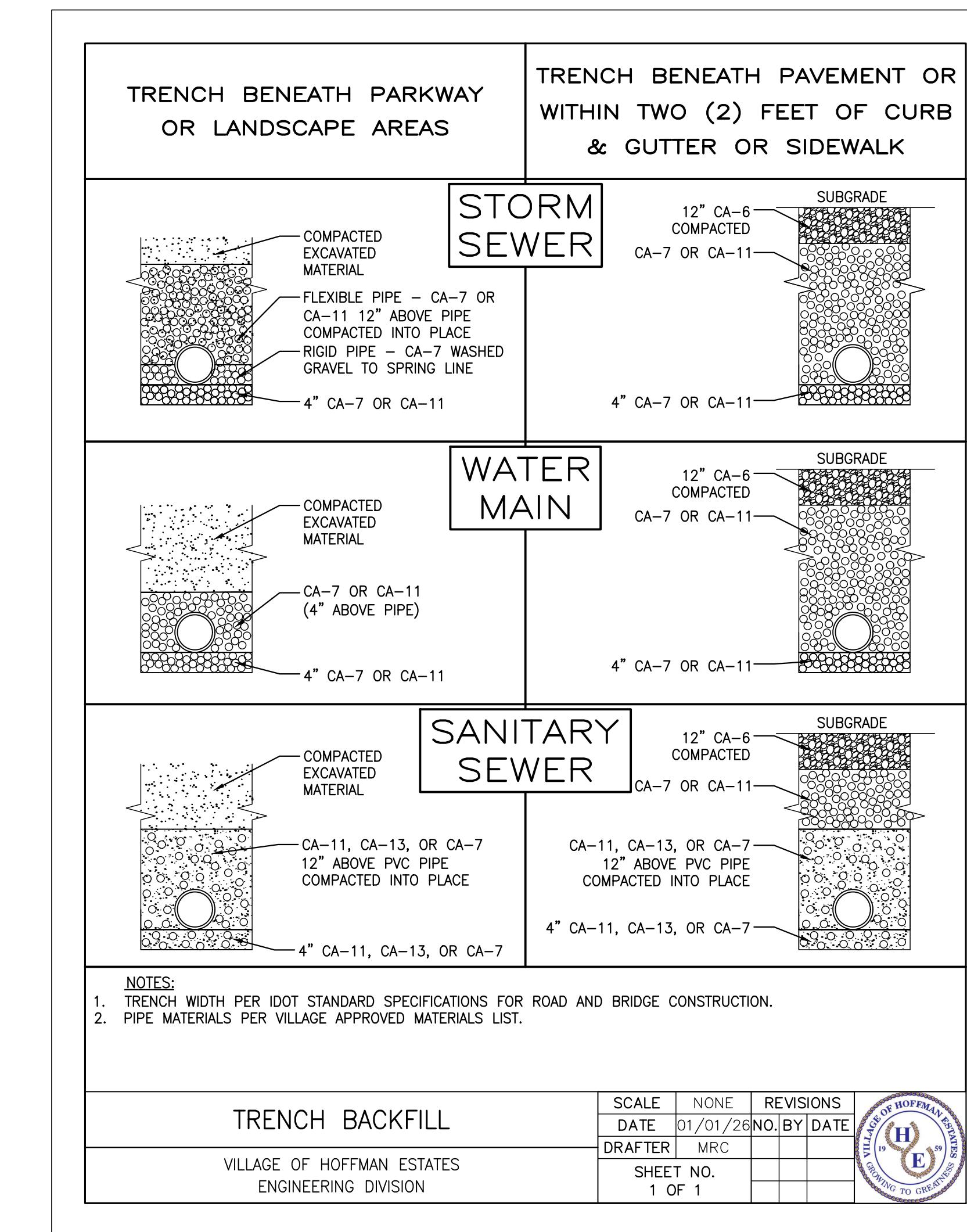
SIDEWALK RAMP DETAIL

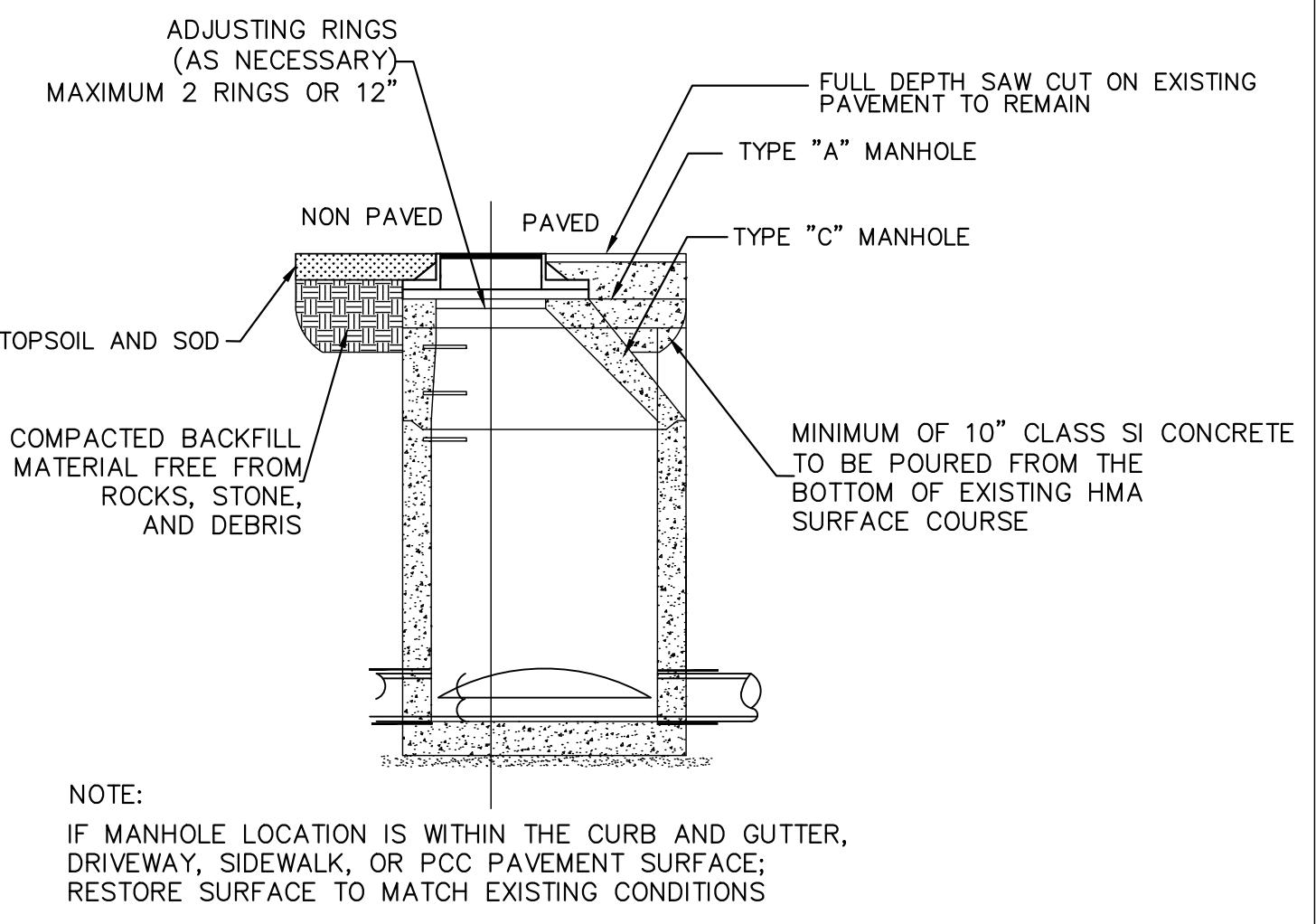
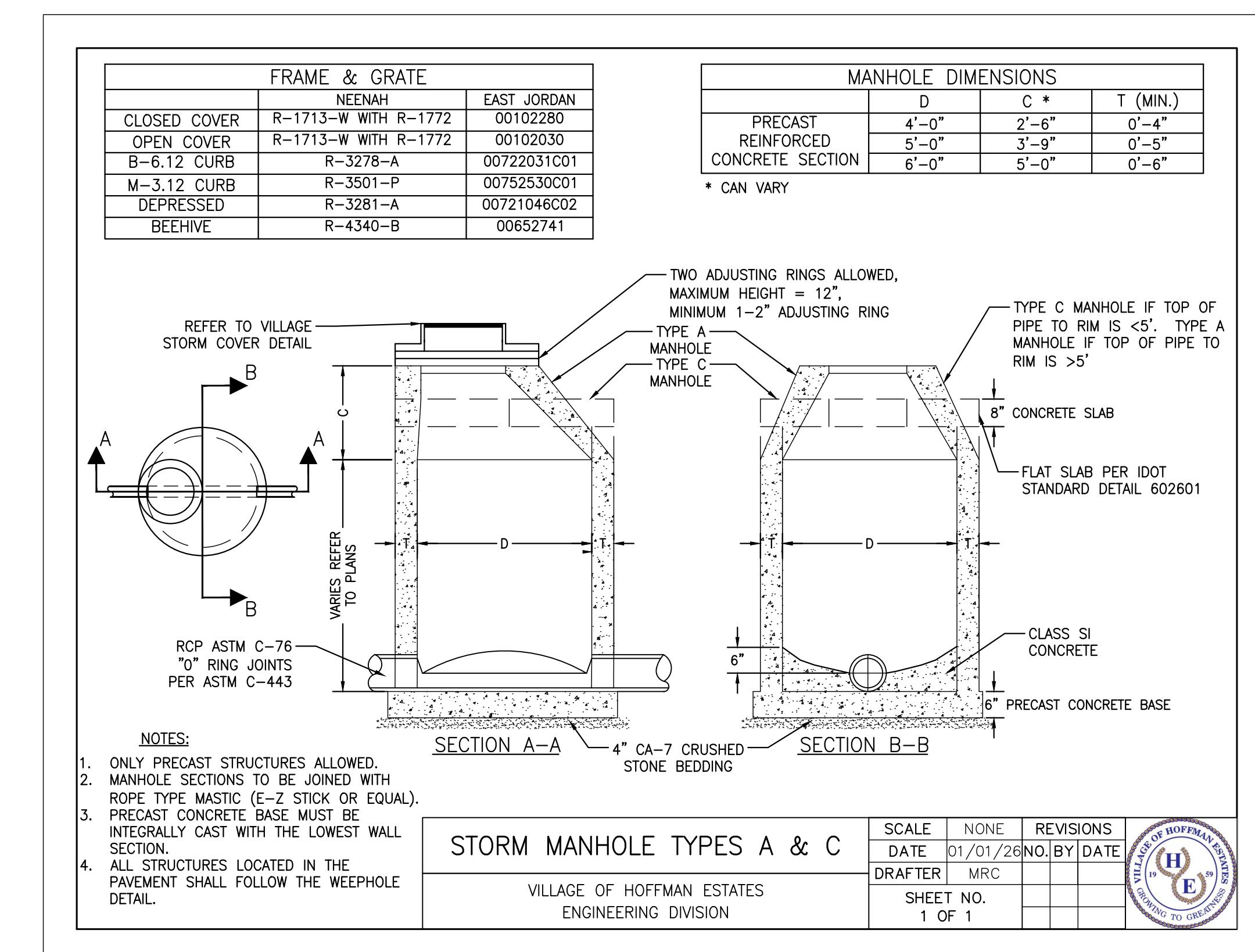
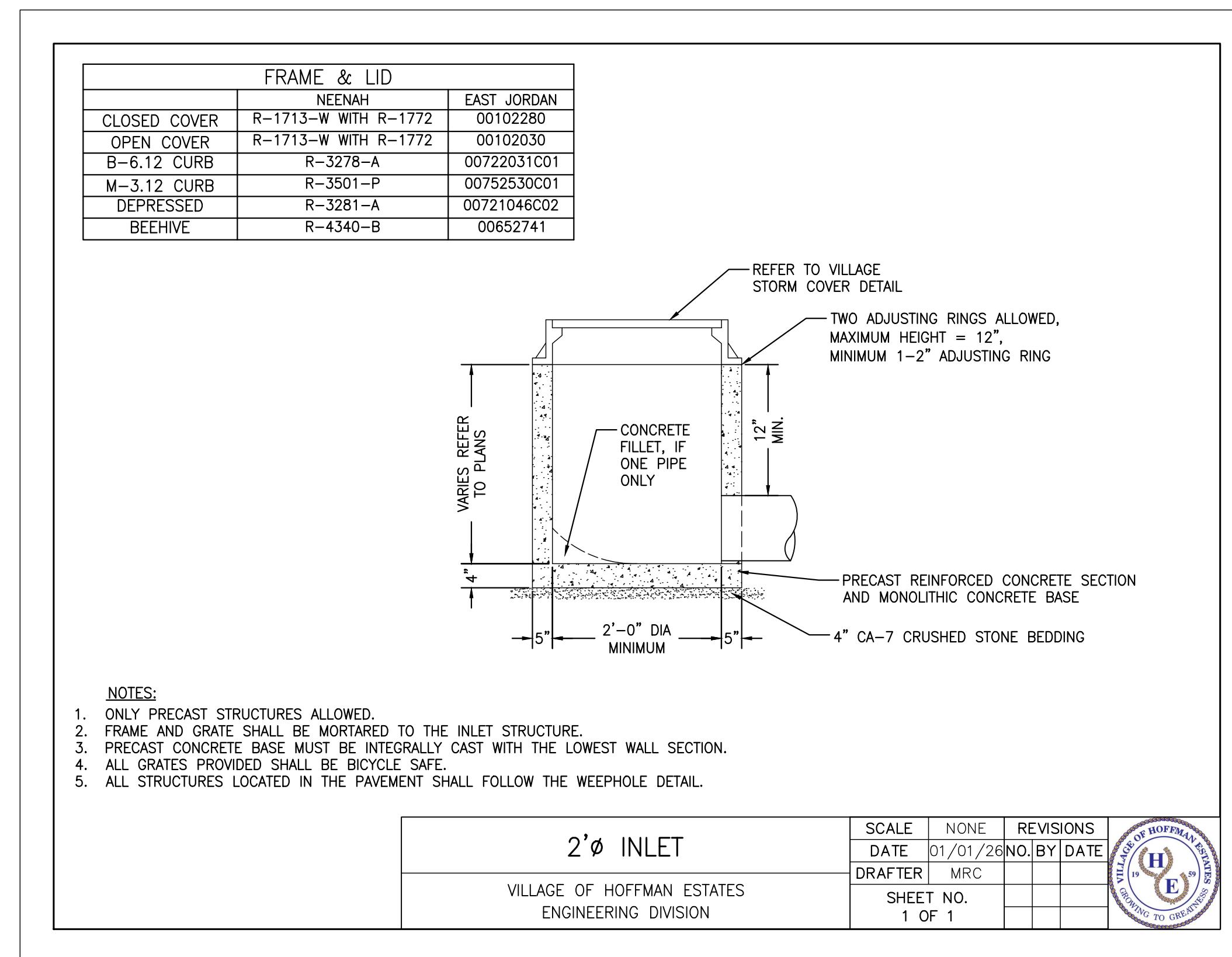


MAIL BOX DETAIL

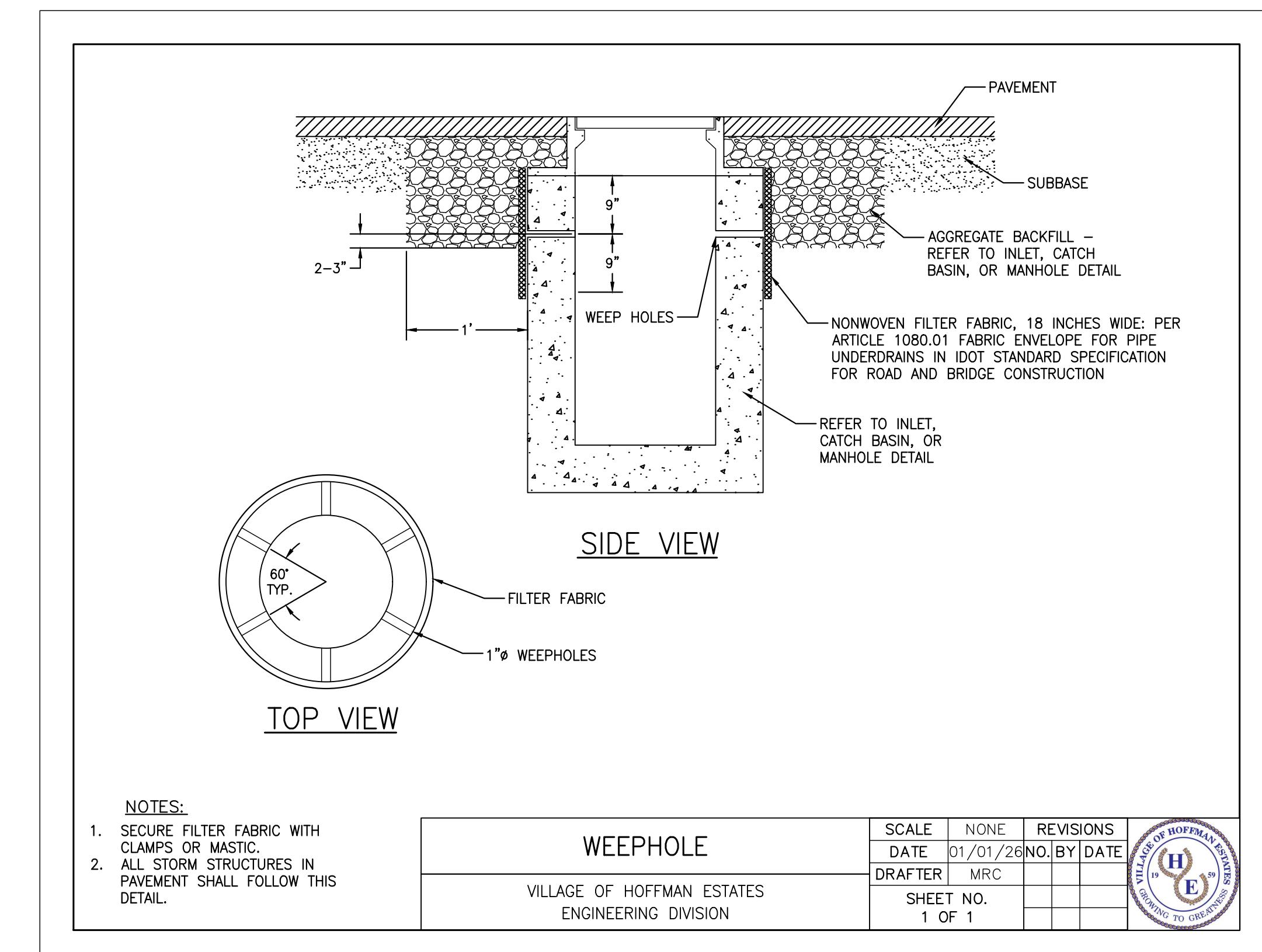
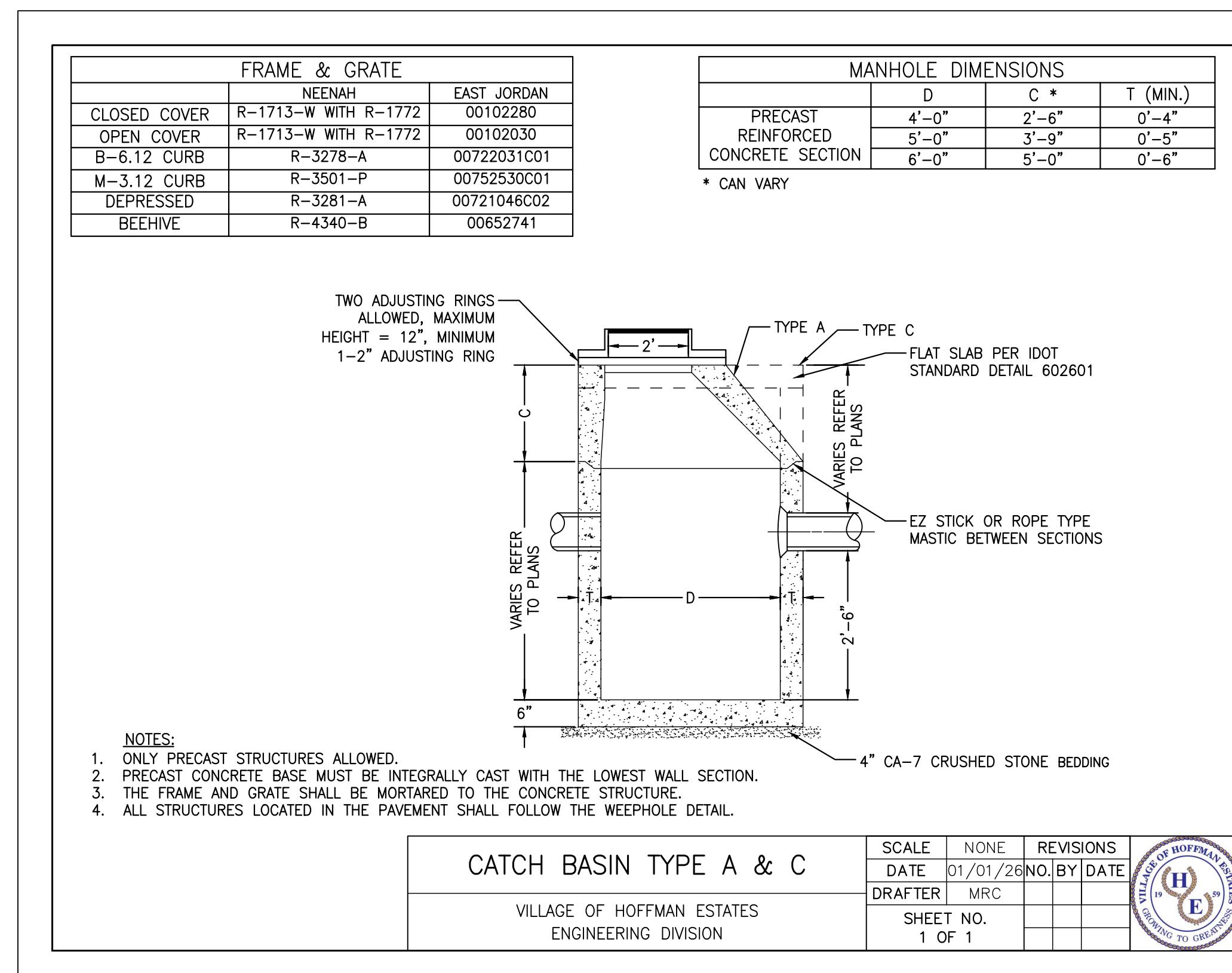


CONCRETE COLLAR FOR STORM SEWER CONNECTION

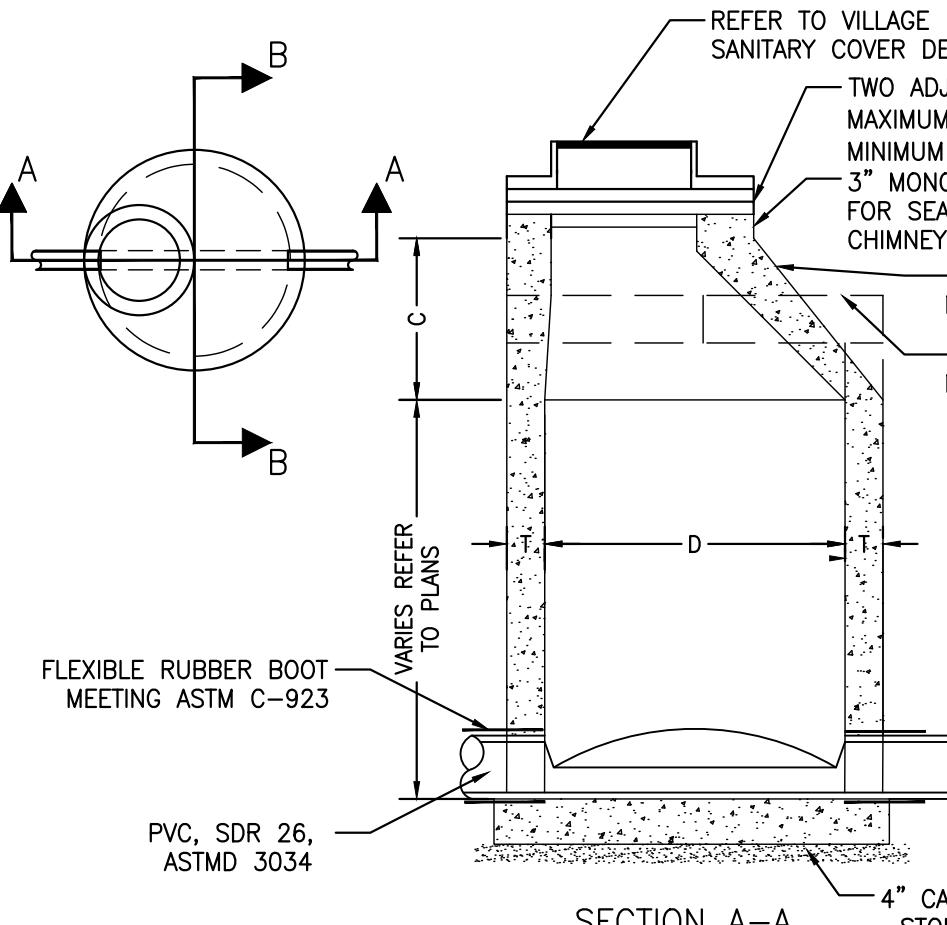




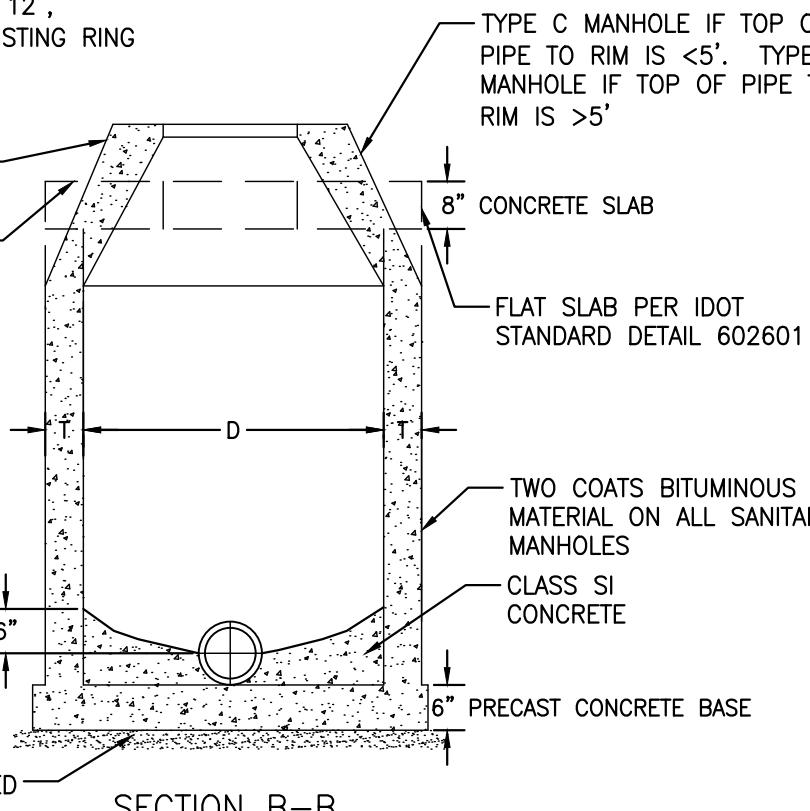
MANHOLE RESTORATION DETAIL



FRAME & LID			
CLOSED COVER	NEENAH R-1713-W WITH R-1772-W	EAST JORDAN 00102282	
MANHOLE DIMENSIONS			
PRECAST REINFORCED CONCRETE SECTION	D 4'-0" 5'-0" 6'-0"	C * 2'-6" 3'-9" 5'-0"	T (MIN.) 0'-4" 0'-5" 0'-6"



SECTION A-A



SECTION B-B

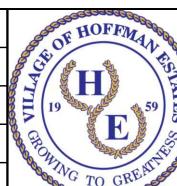
NOTES:

1. ONLY PRECAST STRUCTURES ALLOWED.
2. MANHOLE SECTIONS TO BE JOINED WITH ROPE TYPE MASTIC (E-Z STICK OR EQUAL).
3. PRECAST CONCRETE BASE MUST BE INTEGRALLY CAST WITH THE LOWEST WALL SECTION.
4. EXTERNAL CHIMNEY SEAL SHALL BE MADE BY WRAPIDSEAL, OR APPROVED EQUAL, MEETING ASTM C-923 REQUIREMENTS.
5. OUTSIDE DROP CONNECTION IS REQUIRED FOR INVERT VERTICAL SEPARATION OF 2 FEET OR MORE.

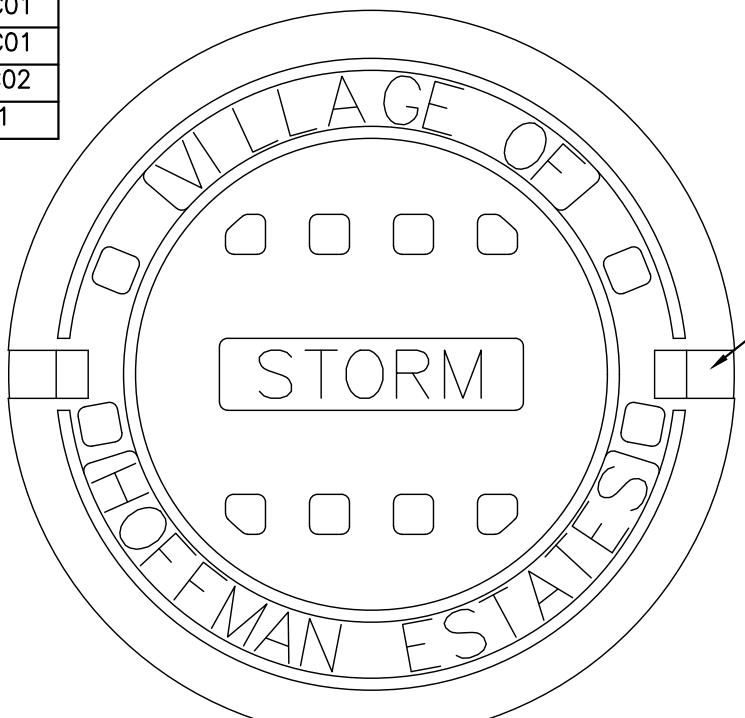
SANITARY MANHOLE TYPES A & C

VILLAGE OF HOFFMAN ESTATES
ENGINEERING DIVISION

SCALE	NONE	REVISIONS
DATE	01/01/26	NO. BY DATE
DRAFTER	MRC	
SHEET NO. 1 OF 1		



FRAME & LID		
	NEENAH	EAST JORDAN
CLOSED COVER	R-1713-W WITH R-1772	00102280
OPEN COVER	R-1713-W WITH R-1772	00102030
B-6.12 CURB	R-3278-A	00722031C01
M-3.12 CURB	R-3501-P	00752530C01
DEPRESSED	R-3281-A	00721046C02
BEEHIVE	R-4340-B	00652741



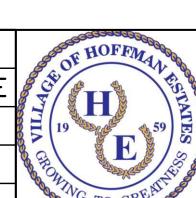
1 1/2" (38.1 mm) LETTERS
(RECESSED FLUSH)

HEAVY DUTY MATERIAL
ASTM A48 CL35
MACHINED BEARING SURFACE
COVER WT: 125 LBS (56.7 kg)

22 3/4" DIA
(577.9 mm)

1 3/4"
(44.5 mm)

STORM COVER		SCALE	NONE	REVISIONS
VILLAGE OF HOFFMAN ESTATES		DATE	01/01/26	NO. BY DATE
ENGINEERING DIVISION		DRAFTER	MRC	
		SHEET NO.		
		1 OF 1		



VILLAGE OF HOFFMAN ESTATES SANITARY SEWER

CONCEALED PICKHOLES

LETTERS (RECESSED FLUSH)

NEOPRENE GASKET

MANHOLE COVER WITH GROOVED GASKET SEAL & CONCEALED PICKHOLES TO REDUCE SURFACE WATER INFLOW.

HEAVY DUTY
MATERIAL ASTM A48 CL35
MACHINED BEARING SURFACE
COVER WT: 125 LBS (56.7kg)

22 3/4" DIA (577.9 mm)

1 3/4" (44.5 mm)

1/4" (6.4 mm) DIA

MANHOLE COVER WITH GROOVED GASKET SEAL & CONCEALED PICKHOLES TO REDUCE SURFACE WATER INFLOW.

CONCEALED PICKHOLE DETAIL

GROOVE DETAIL

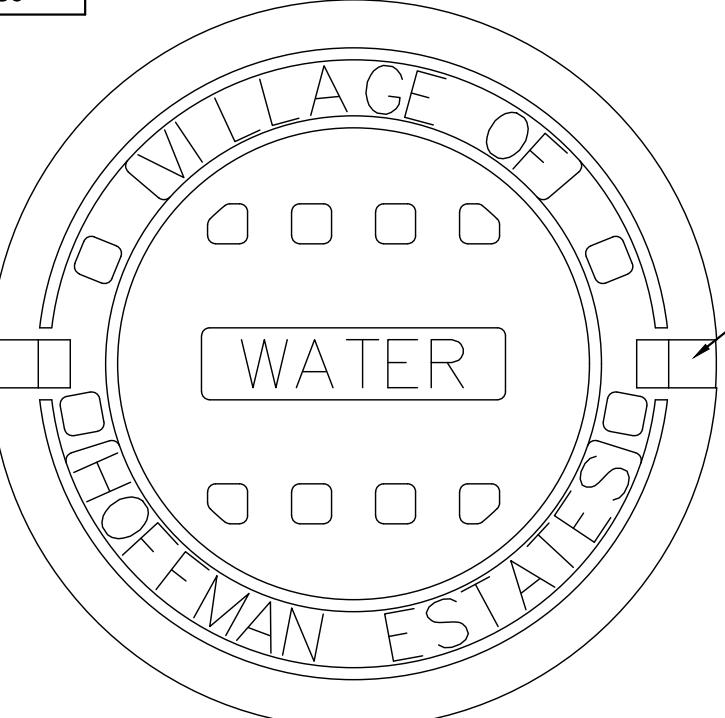
FRAME & LID

	NEENAH	EAST JORDAN
CLOSED COVER	R-1713-W WITH R-1772-W	00102282

SANITARY COVER		SCALE	NONE	REVISIONS
VILLAGE OF HOFFMAN ESTATES		DATE	01/01/26	NO. BY DATE
ENGINEERING DIVISION		DRAFTER	MRC	
		SHEET NO.		
		1 OF 1		

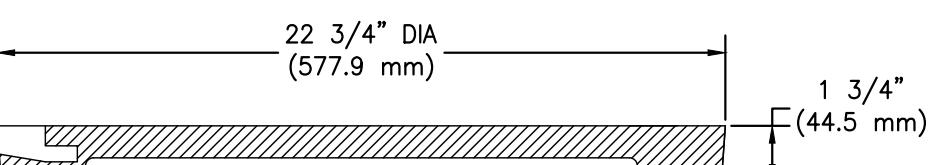
VILLAGE OF HOFFMAN ESTATES
1959
GROWING TO GREATNESS

FRAME & LID		
CLOSED COVER	NEENAH R1713-W WITH R-1772	EAST JORDAN 00102280



(2) CONCEALED
PICKHOLES

1 1/2" (38.1 mm) LETTERS
(RECESSED FLUSH)

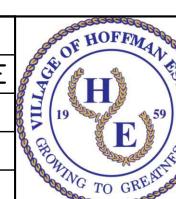


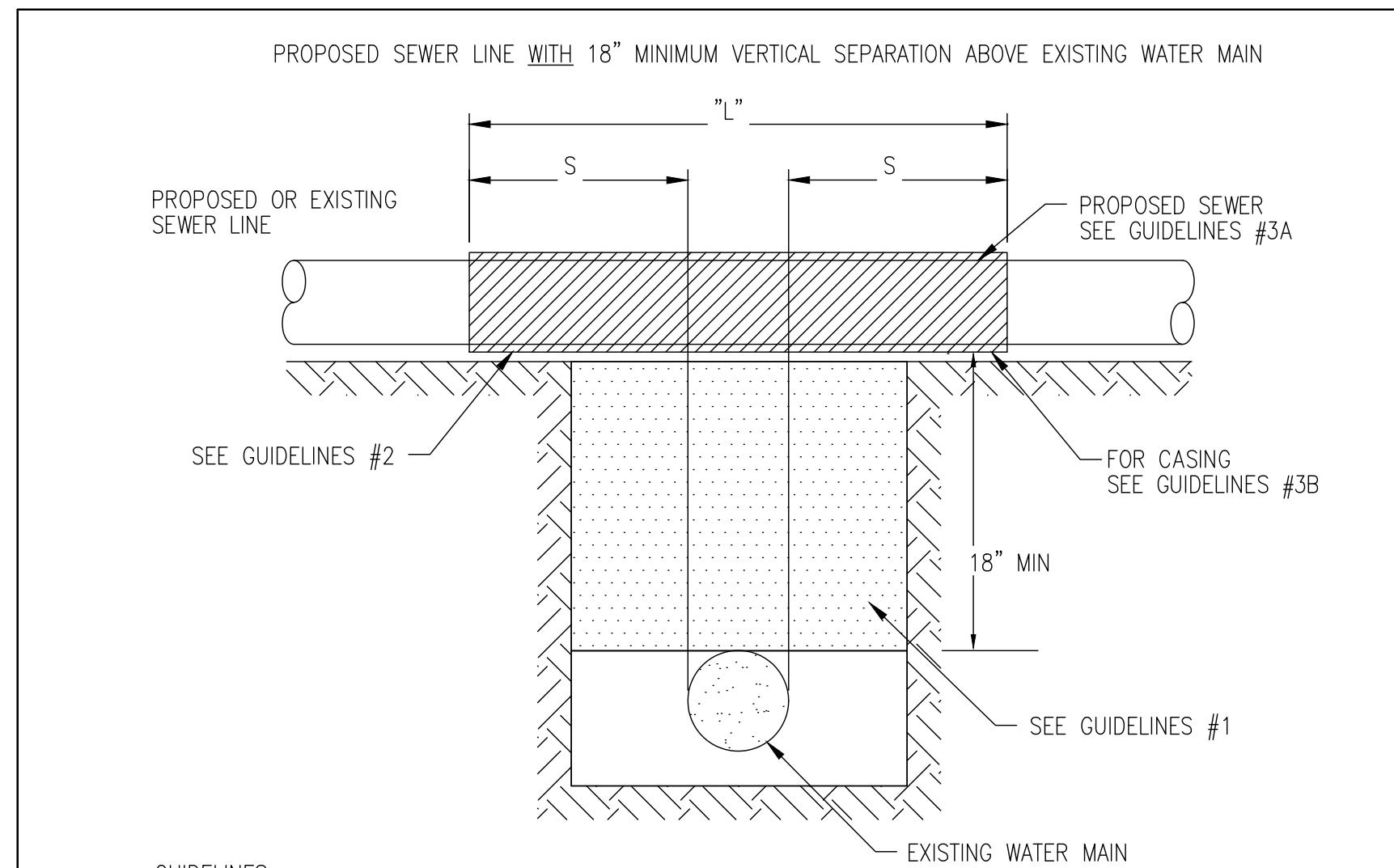
22 3/4" DIA
(577.9 mm)

1 3/4"
(44.5 mm)

HEAVY DUTY MATERIAL
ASTM A48 CL35
MACHINED BEARING SURFACE
COVER WT: 125 LBS (56.7 kg)

WATER COVER		SCALE DATE DRAFTER	NONE 01/01/26 MRC	REVISIONS NO. BY DATE
VILLAGE OF HOFFMAN ESTATES ENGINEERING DIVISION		SHEET NO. 1 OF 1		



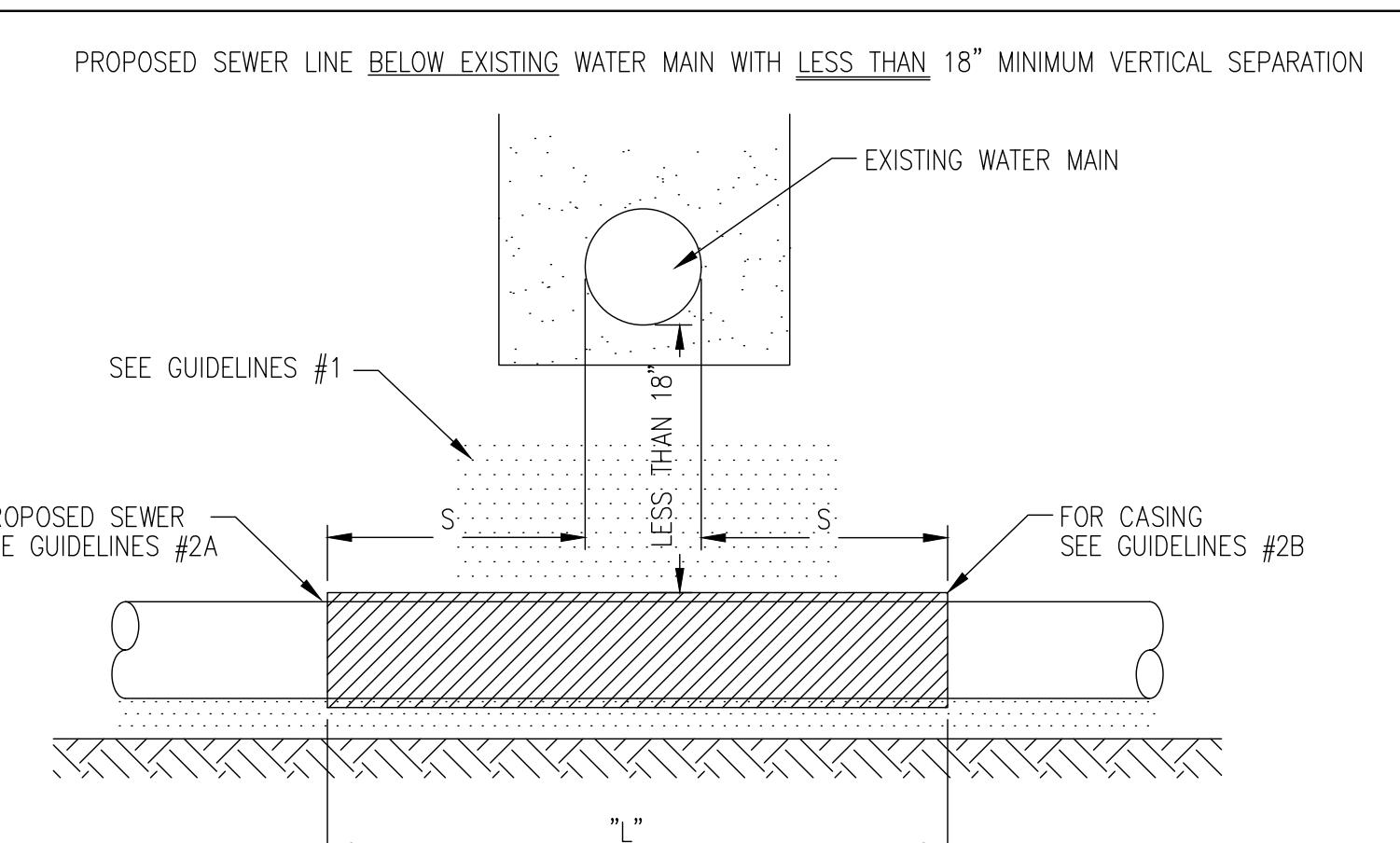


GUIDELINES

1. IF SELECT GRANULAR BACKFILL EXISTS: REMOVE WITHIN WIDTH OF PROPOSED SEWER TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT
2. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF SEWER AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L" FEET.
3. A) CONSTRUCT "L" FEET OF PROPOSED SEWER OF WATER MAIN MATERIAL AND PRESSURE TEST, OR;
- B) USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED SEWER AND SEAL ENDS OF CASING.

NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING WATER MAIN

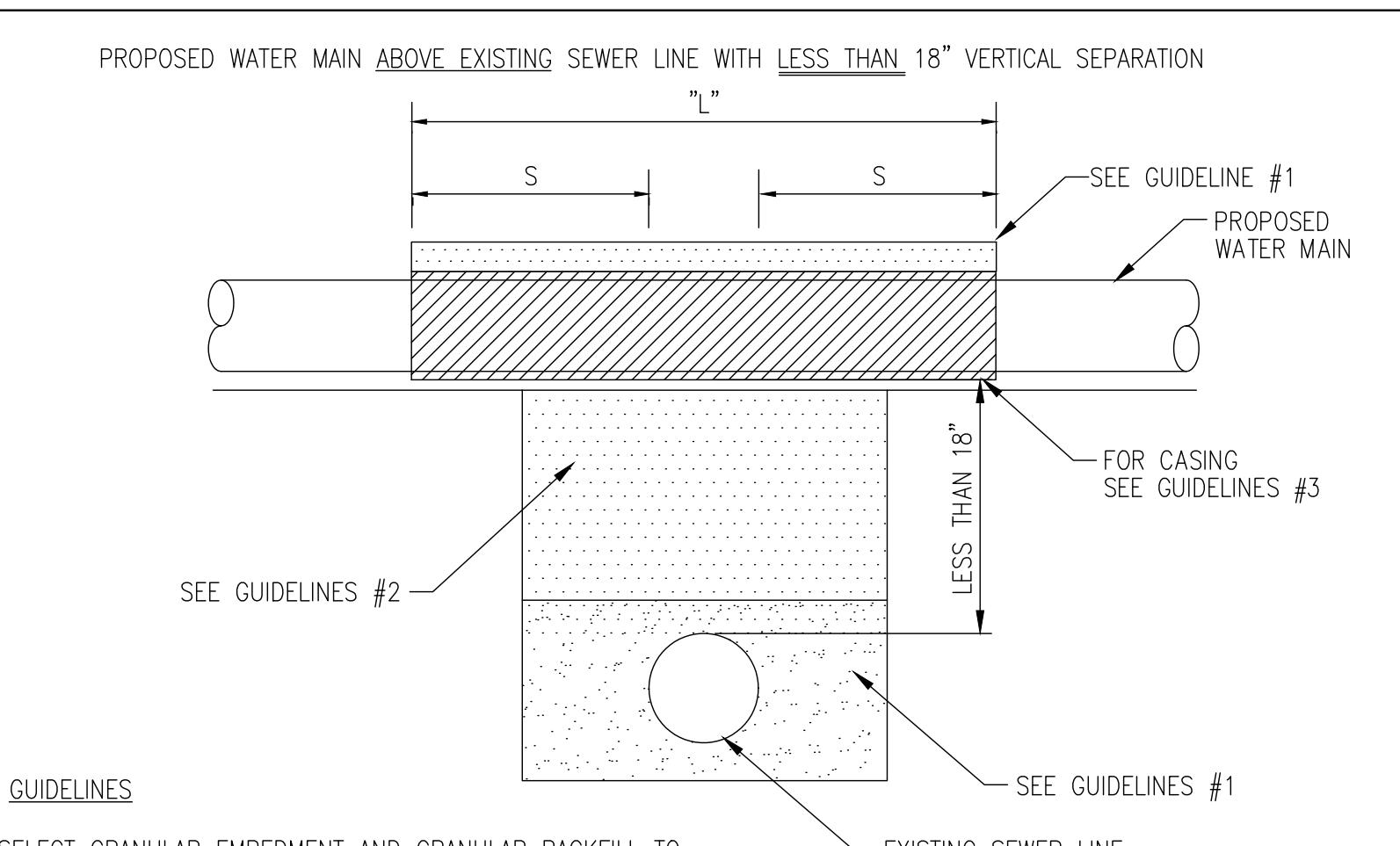
*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.



GUIDELINES

1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF SEWER AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT FOR "S" FEET ON EACH SIDE OF WATER MAIN.
2. A) CONSTRUCT "L" FEET OF PROPOSED SEWER OF WATER MAIN MATERIAL AND PRESSURE TEST, OR;
- B) USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED SEWER AND SEAL ENDS OF CASING.
3. PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.



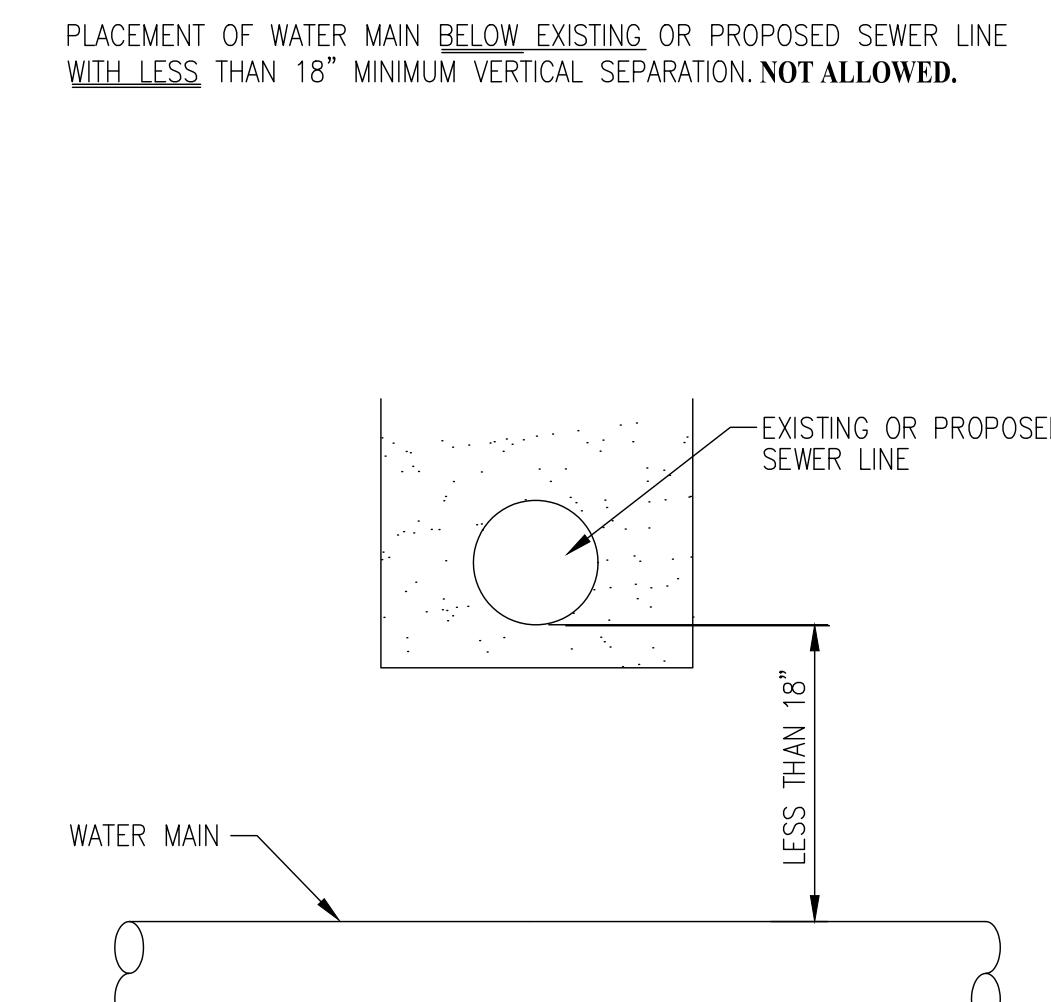
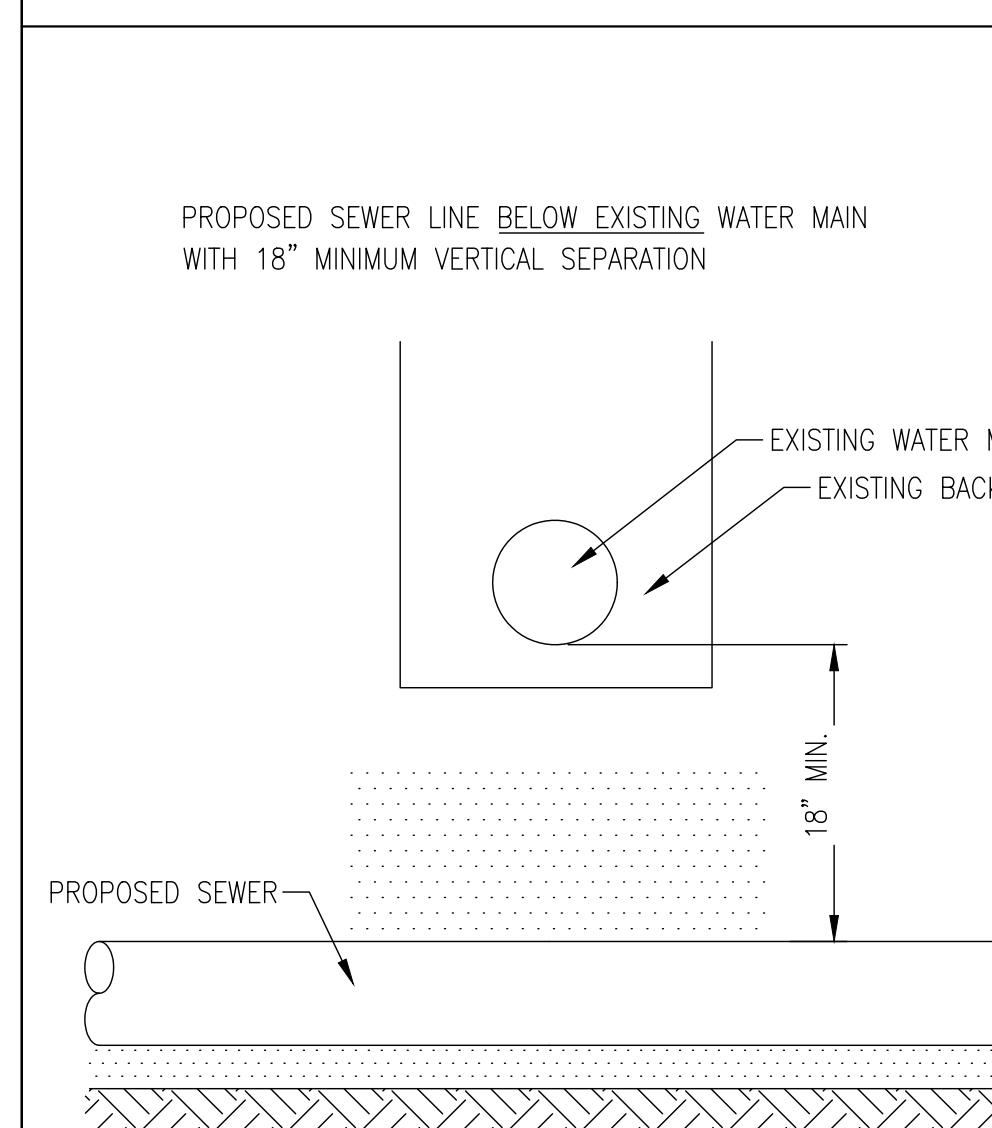
GUIDELINES

1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L".
2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
3. USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.
4. POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN CASING AND SEWER

NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING SEWER LINE.

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PER IEPA, WHEN PROPOSED SEWER (OR WATER) IS LOCATED 10 FEET OR MORE FROM EXISTING WATER (OR SEWER), NO SPECIAL CONSTRUCTION REQUIRED

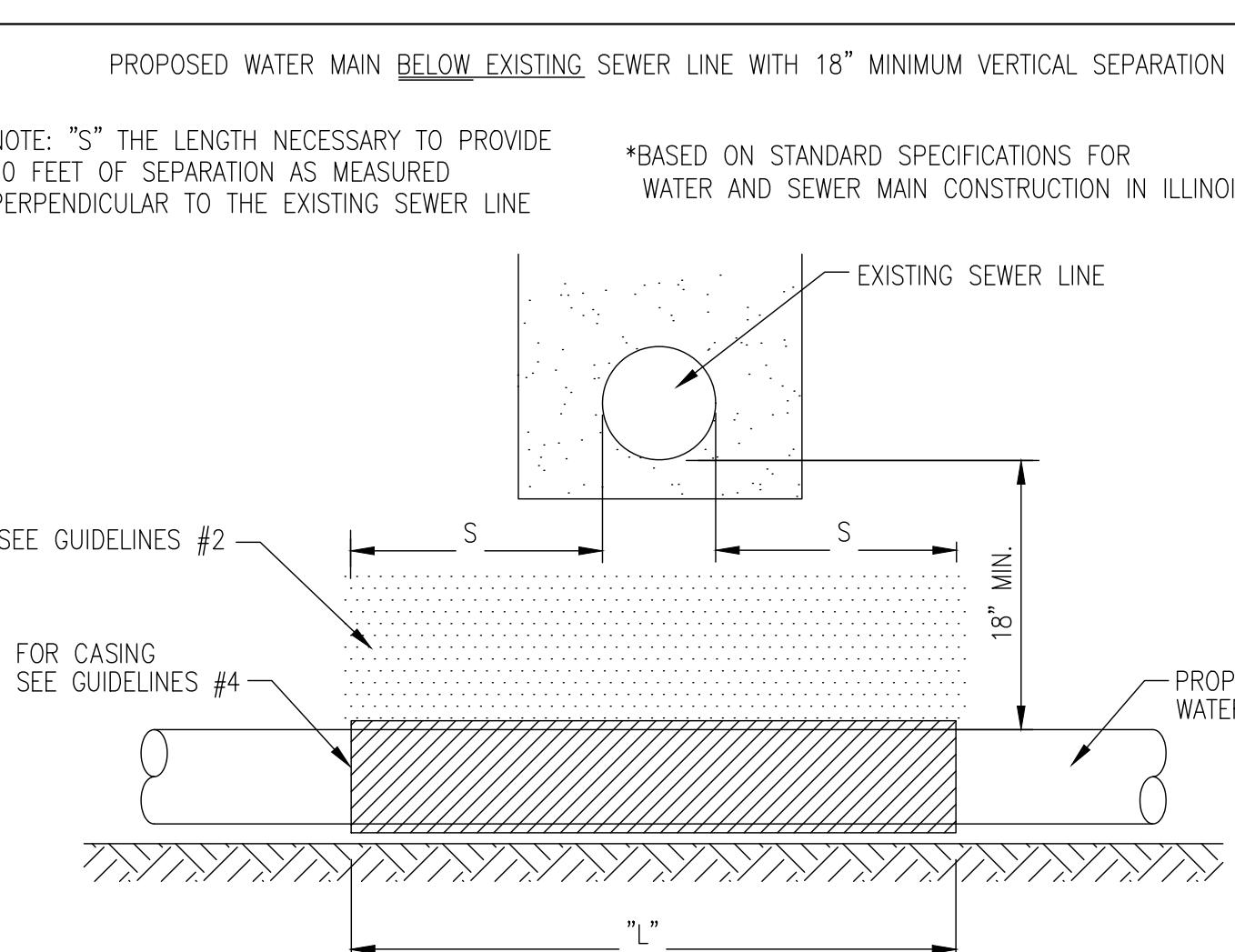


GUIDELINES

1. PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

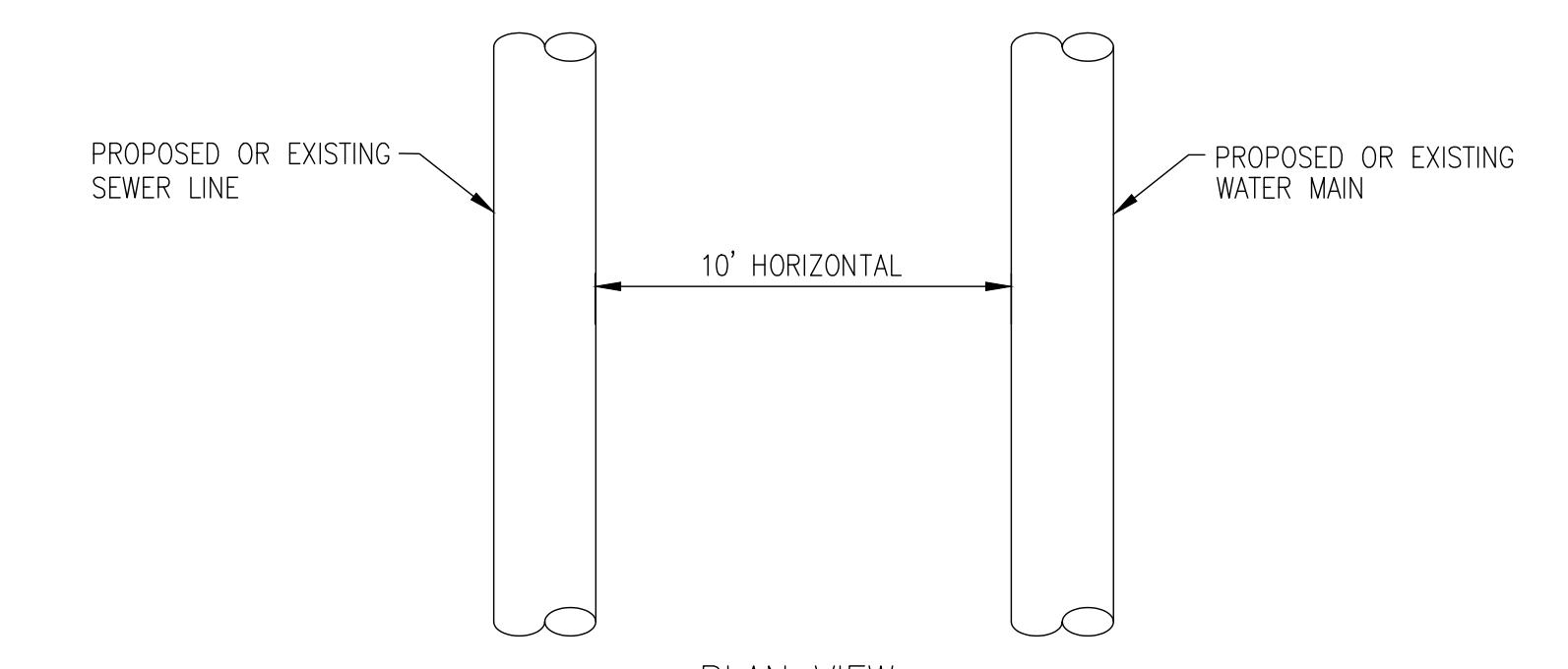
*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.



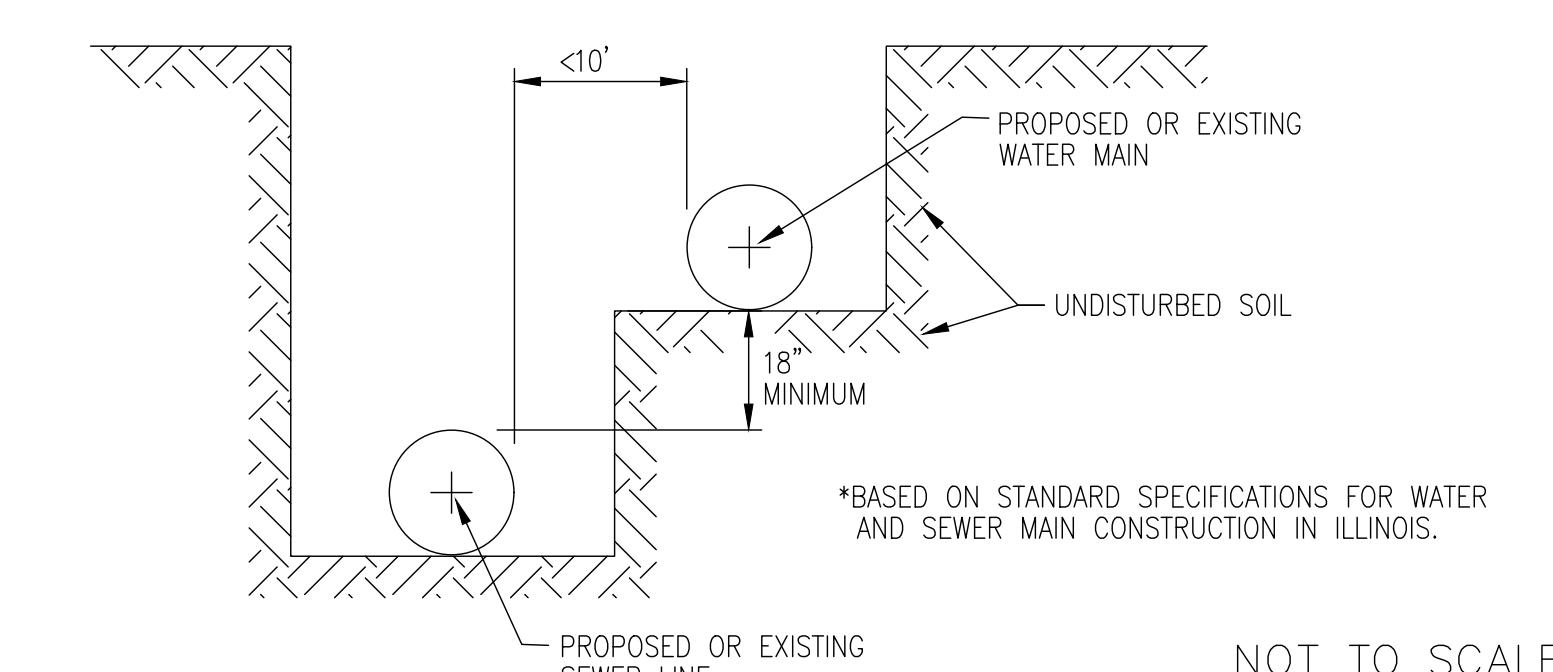
GUIDELINES

1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L".
2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
3. PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.
4. USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.



PER IEPA, WHEN PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 10 FEET FROM EXISTING WATER (OR SEWER), DETAILS BELOW SHALL APPLY



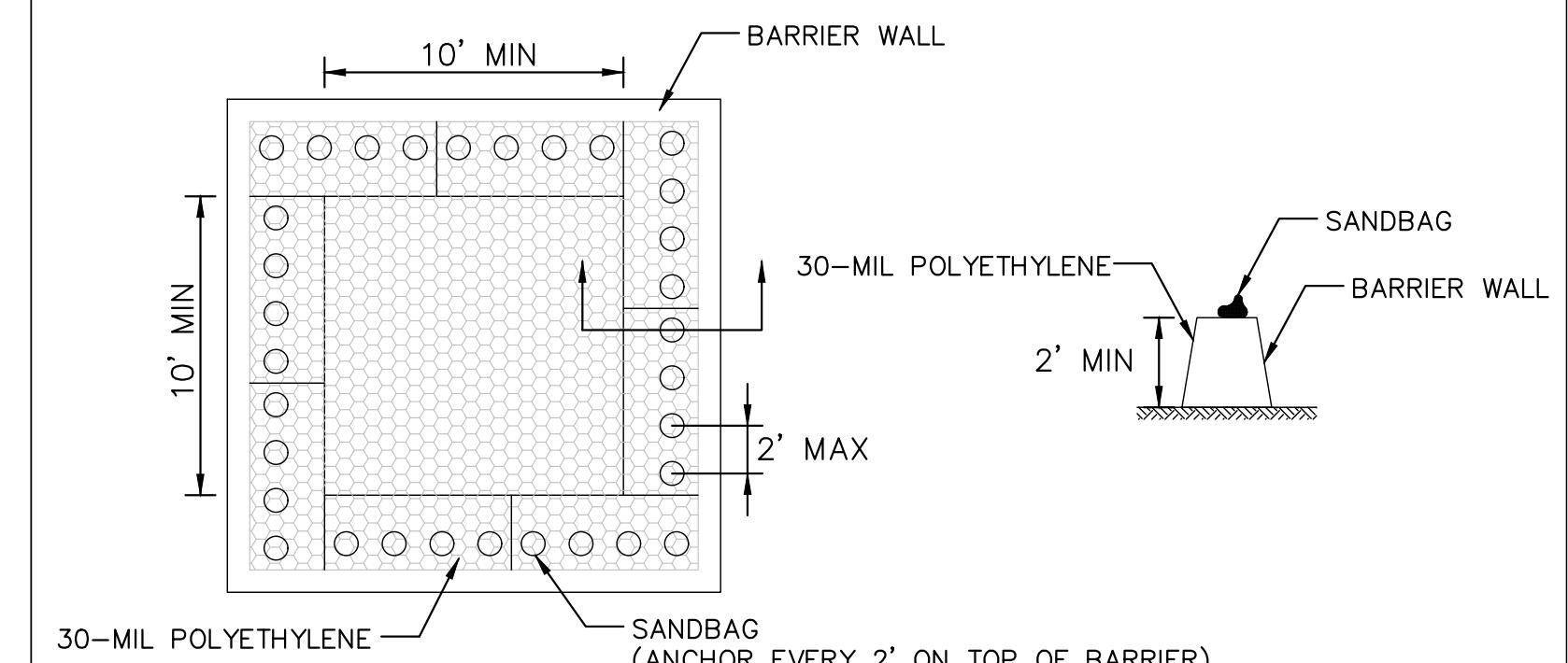
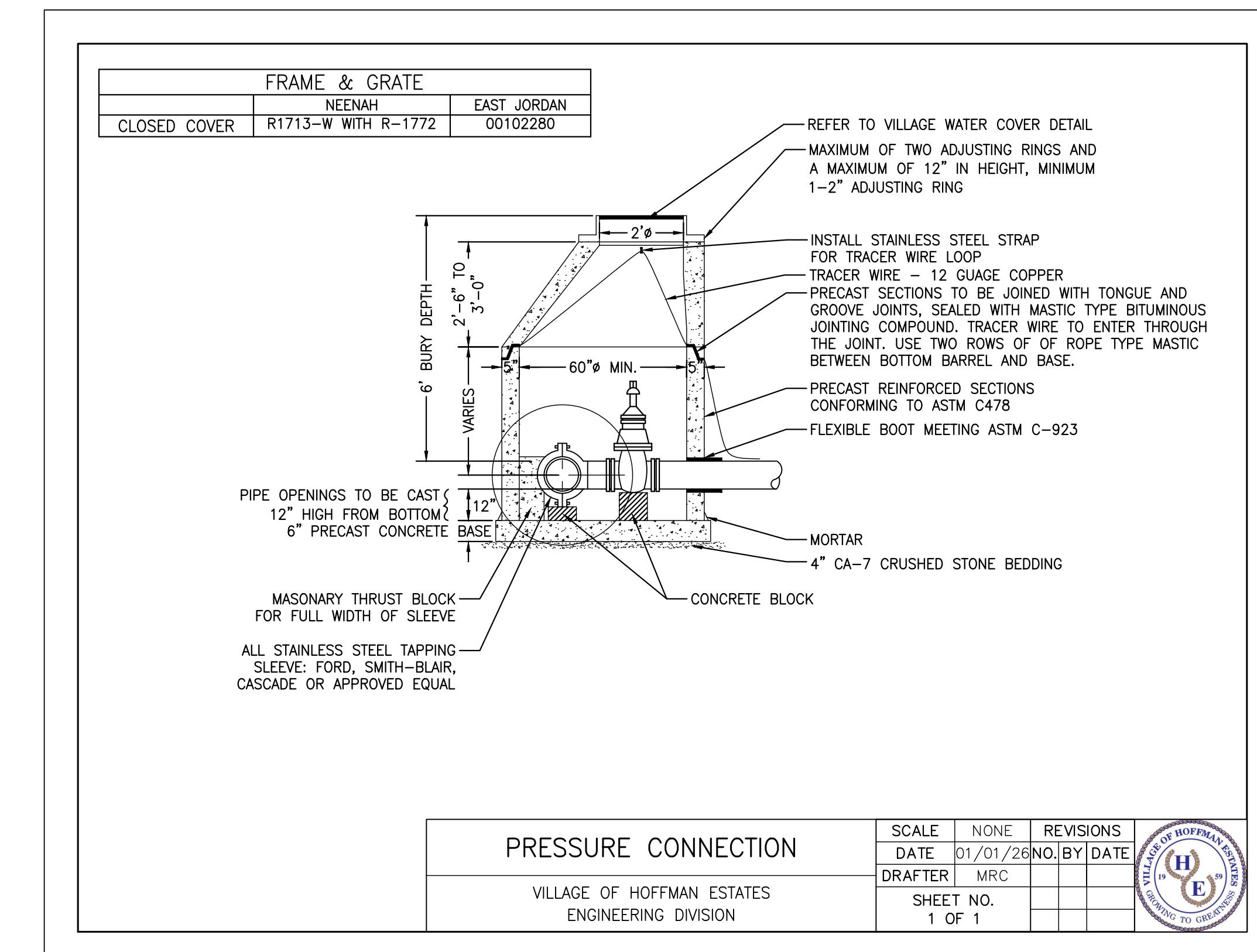
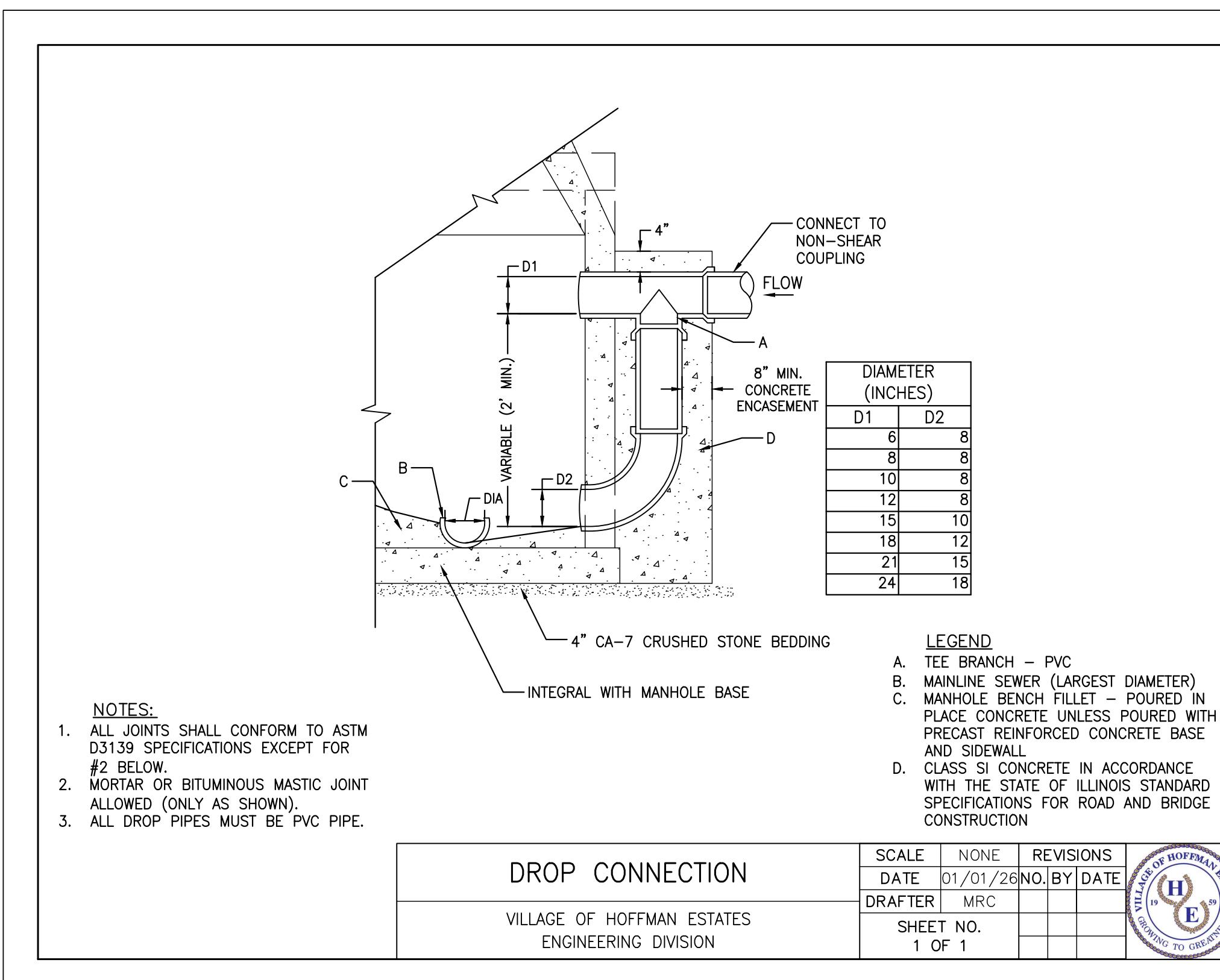
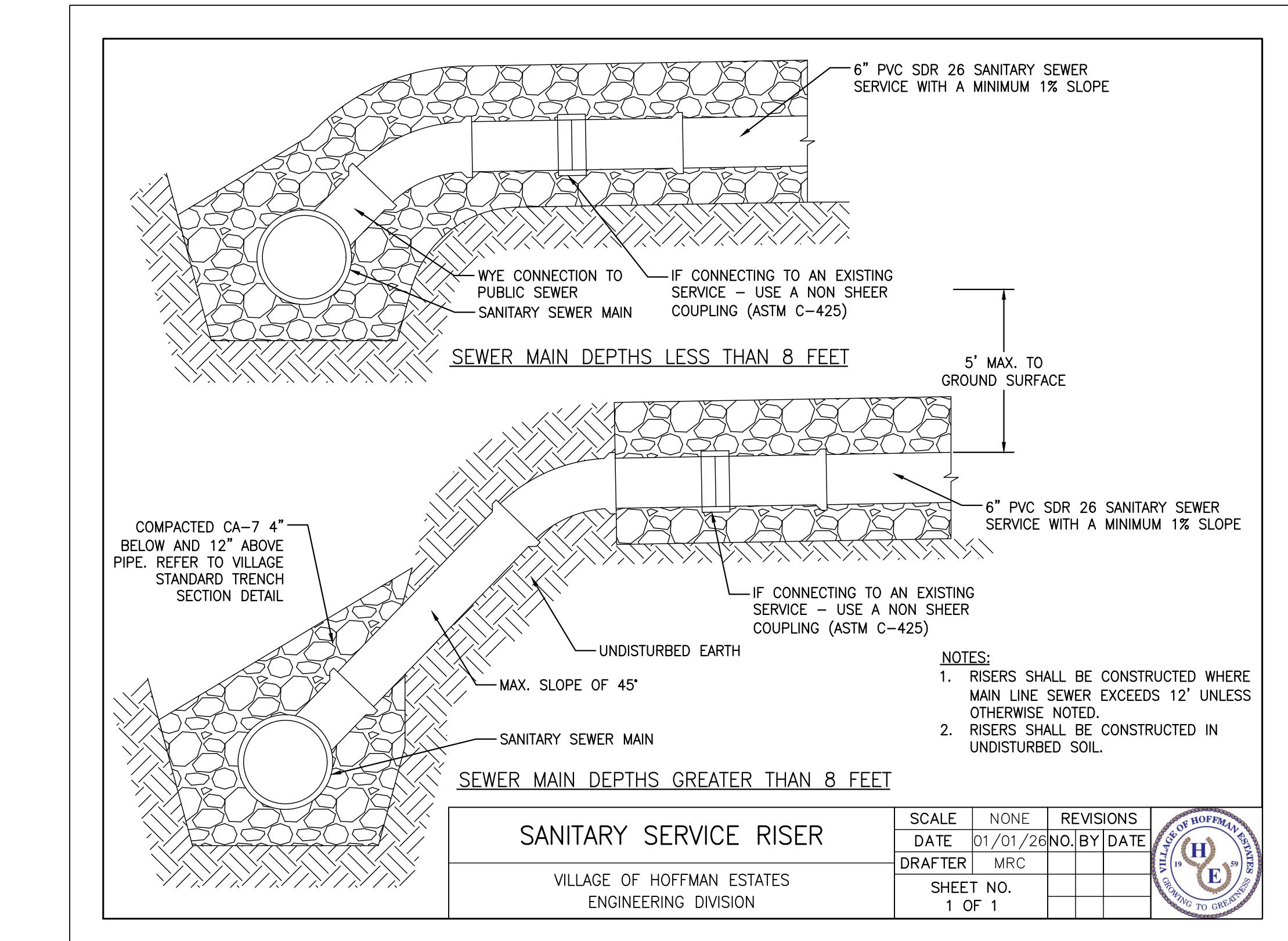
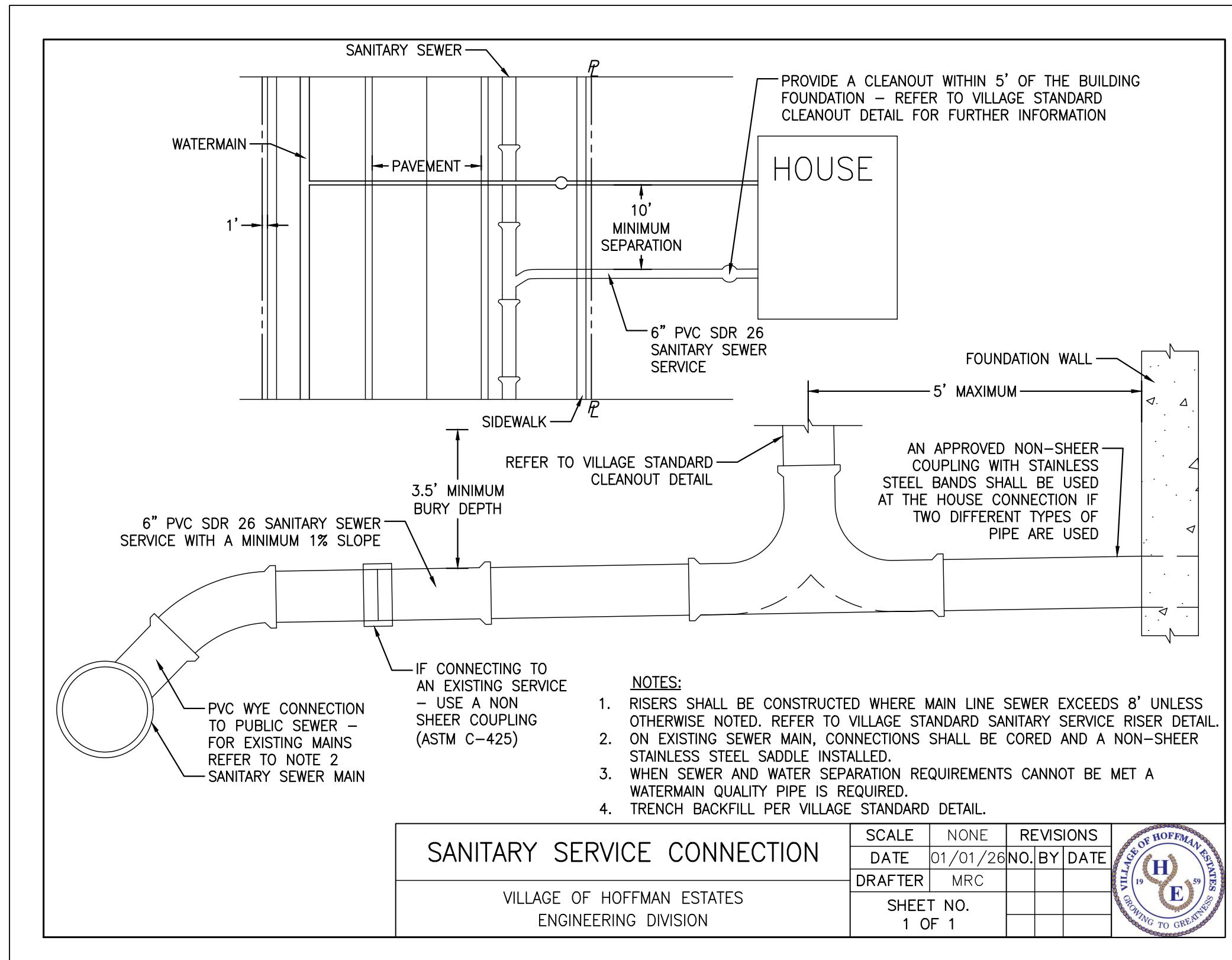
TECHNICAL GUIDANCE MANUAL

WATER AND SEWER SEPARATION REQUIREMENTS (PER IEPA)

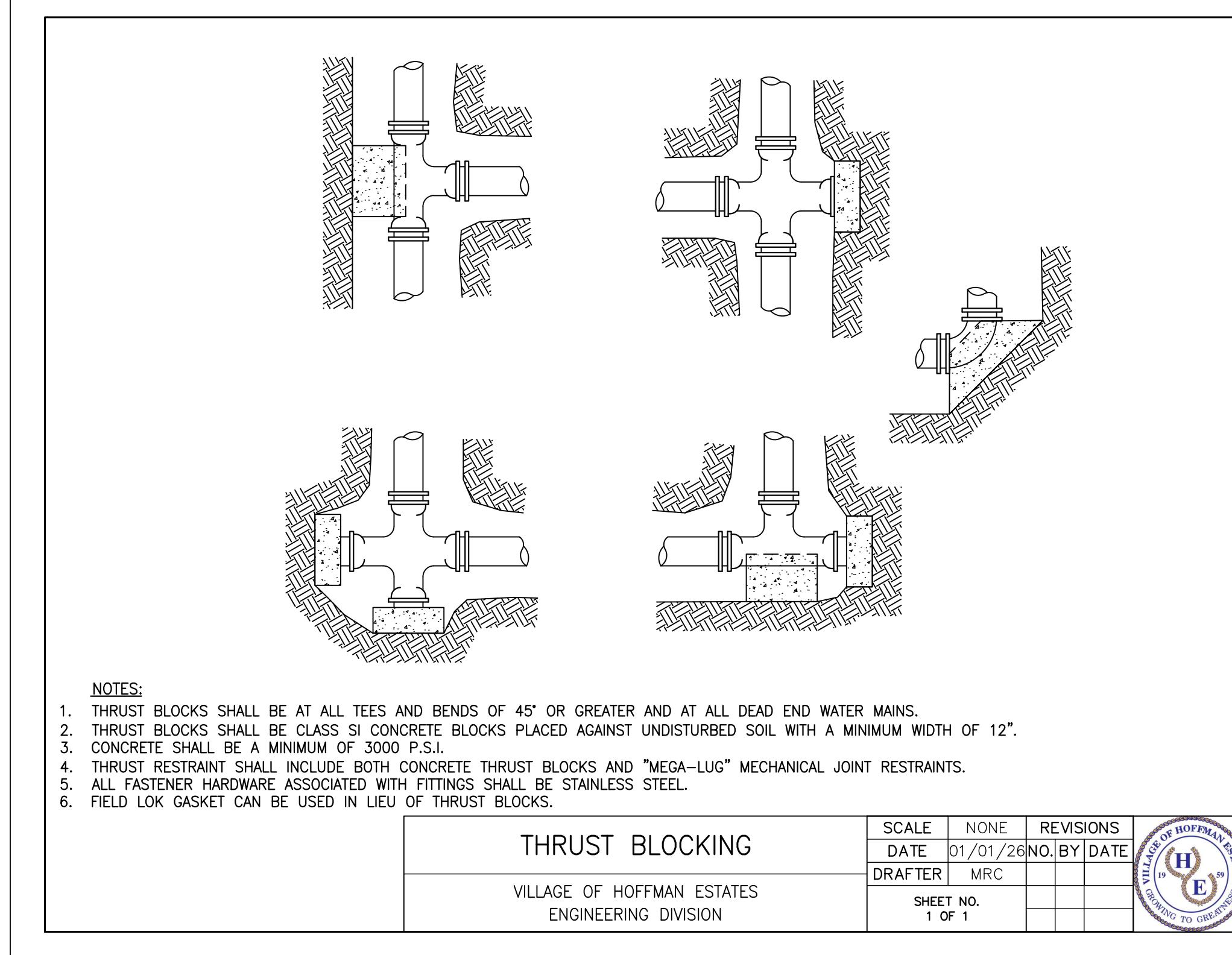
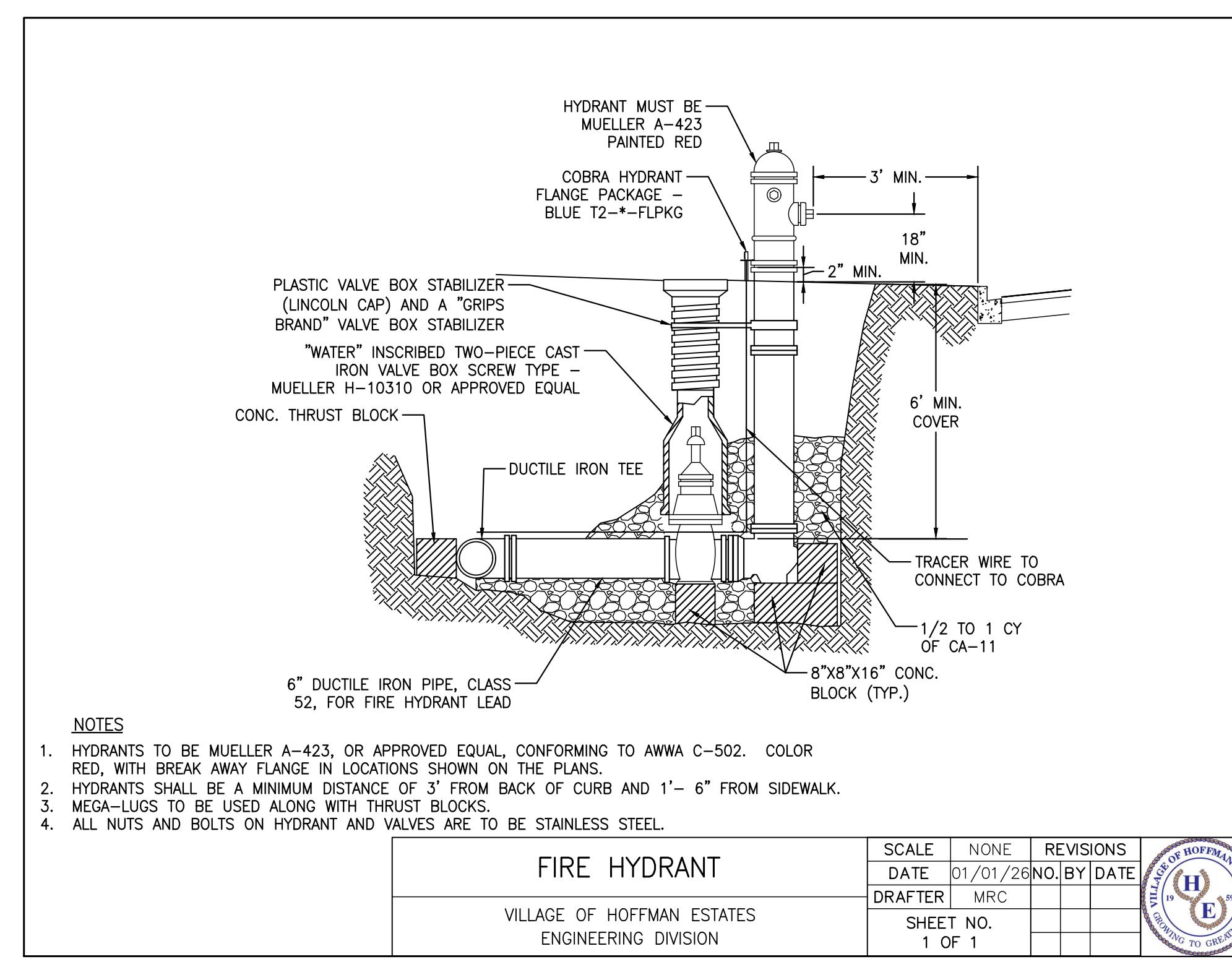
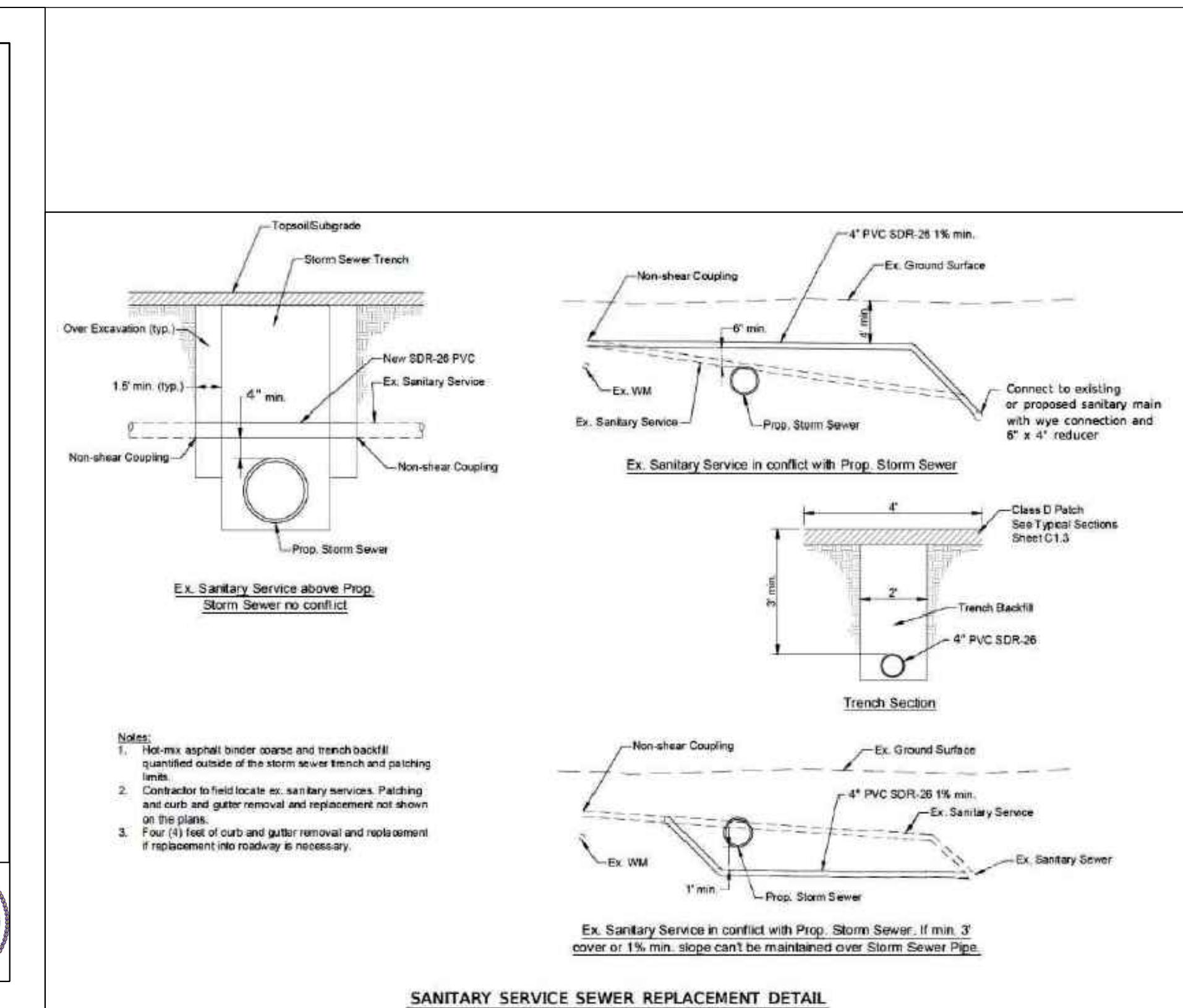
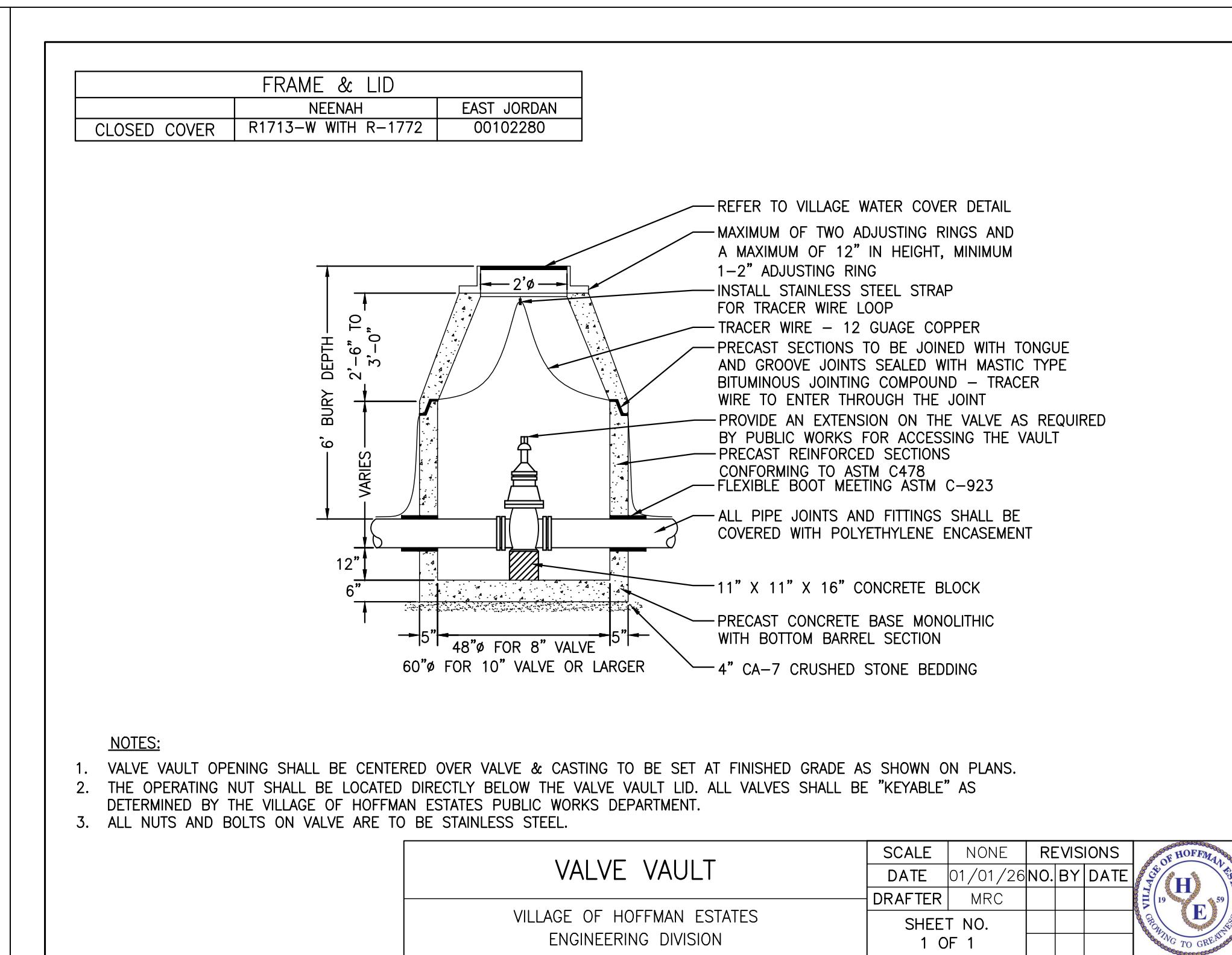
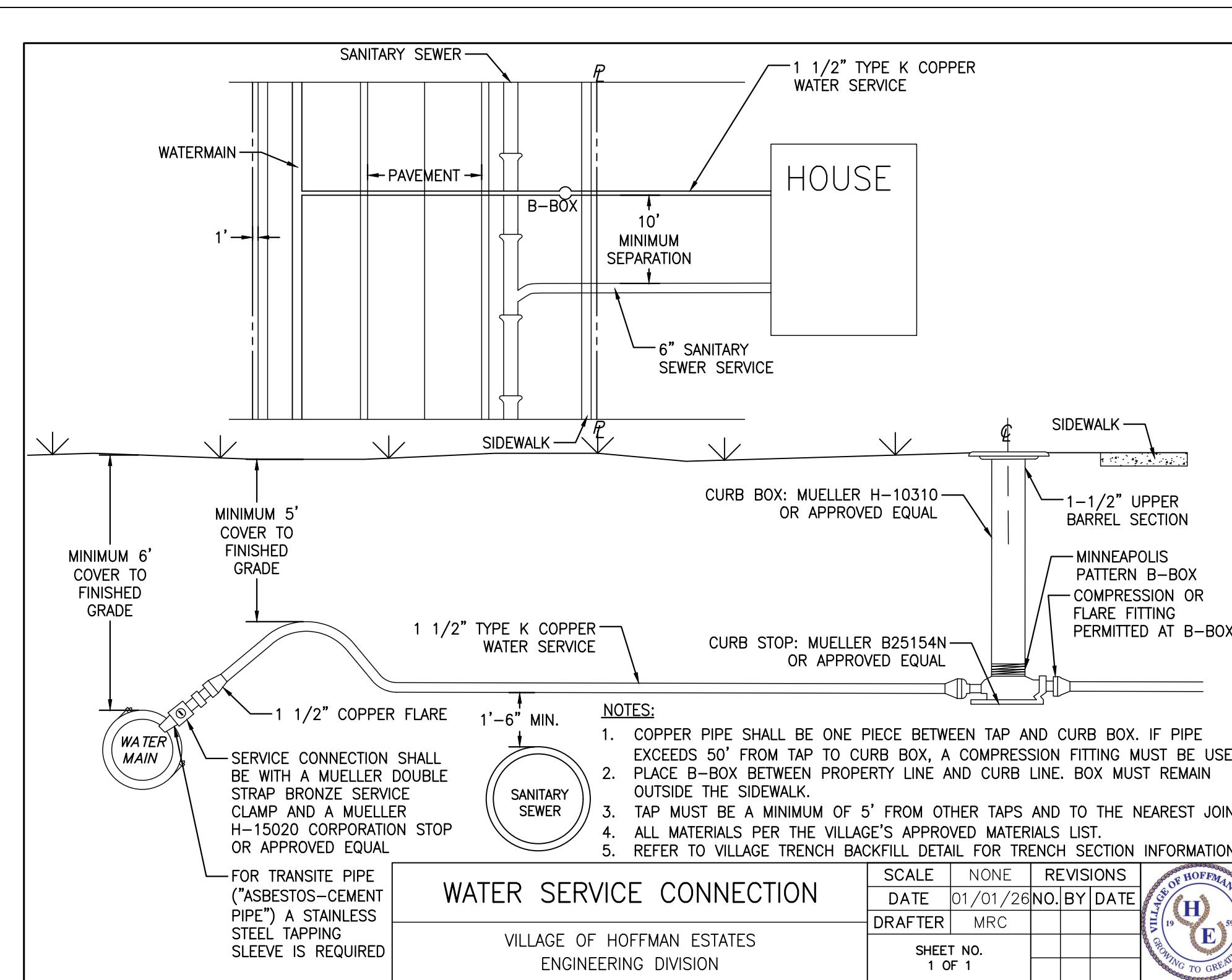
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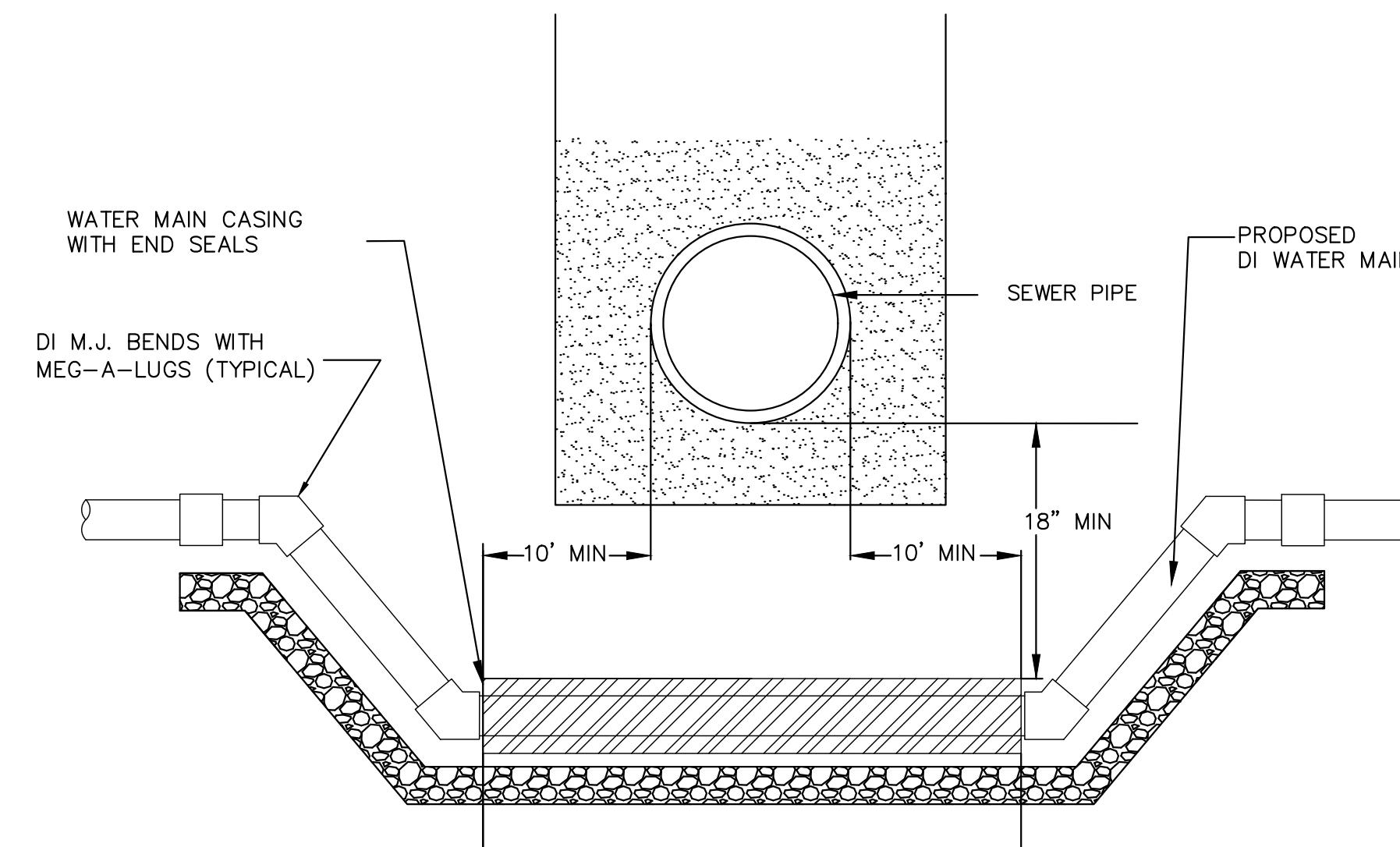
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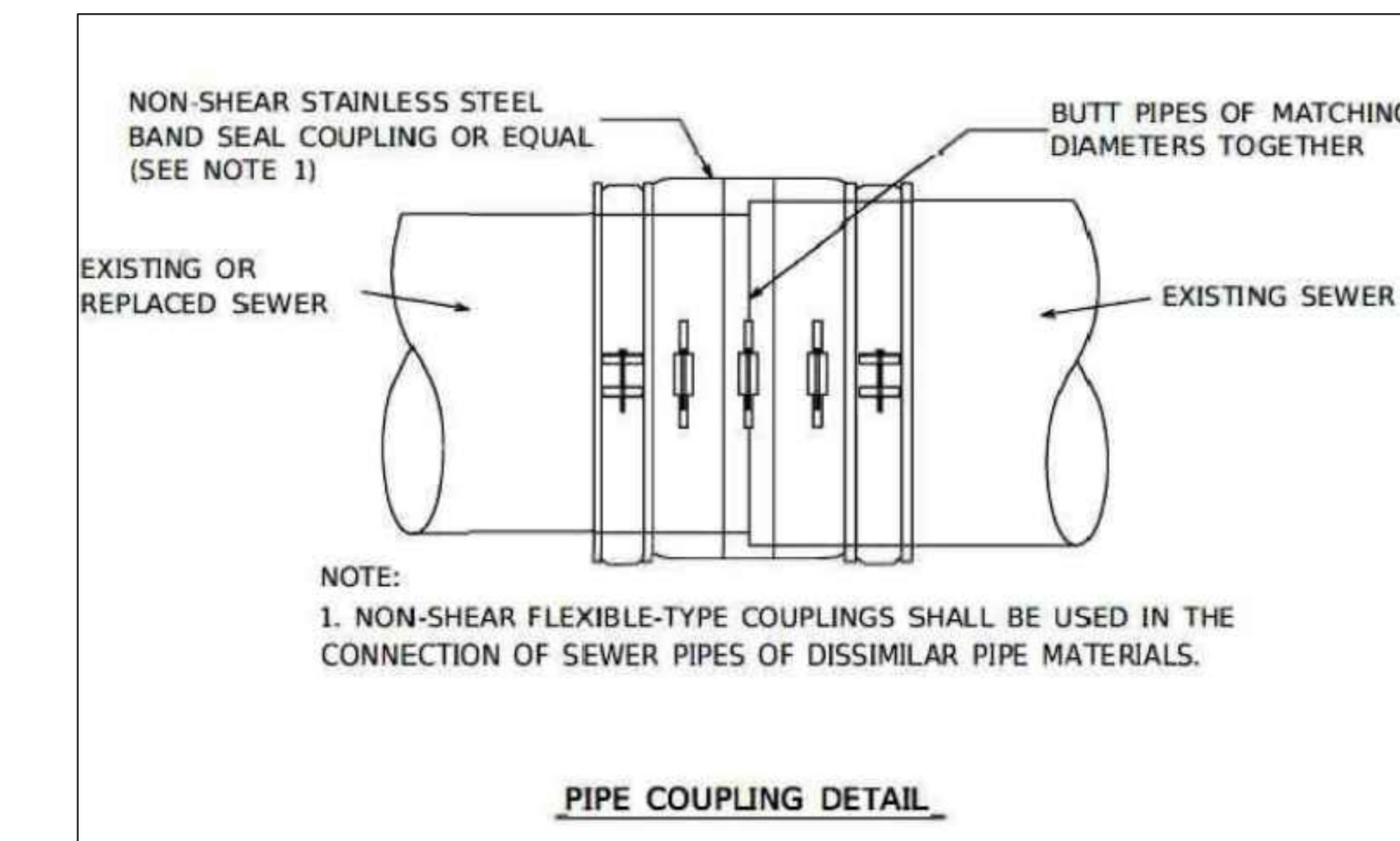
CONCRETE WASHOUT DETAIL



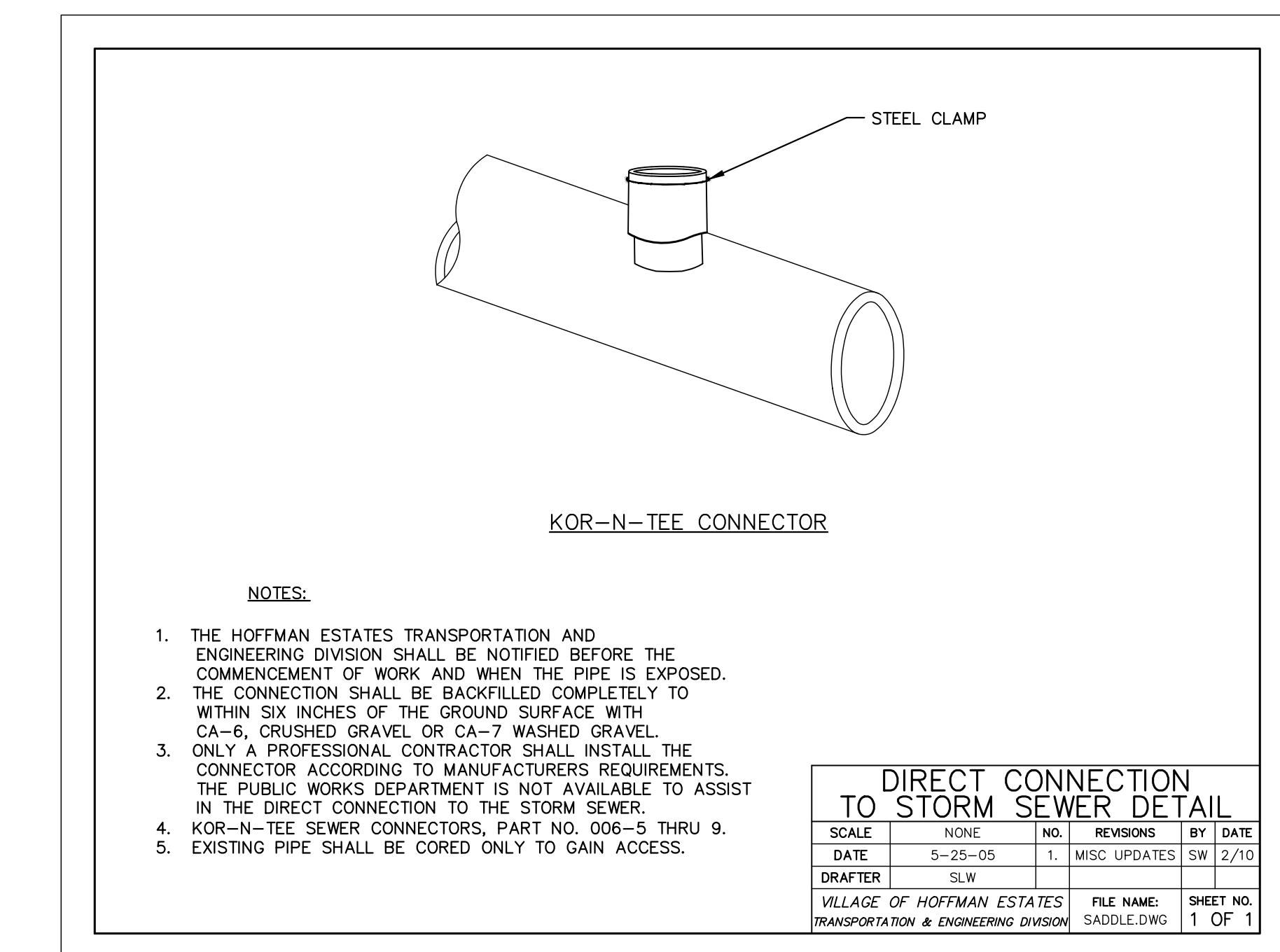
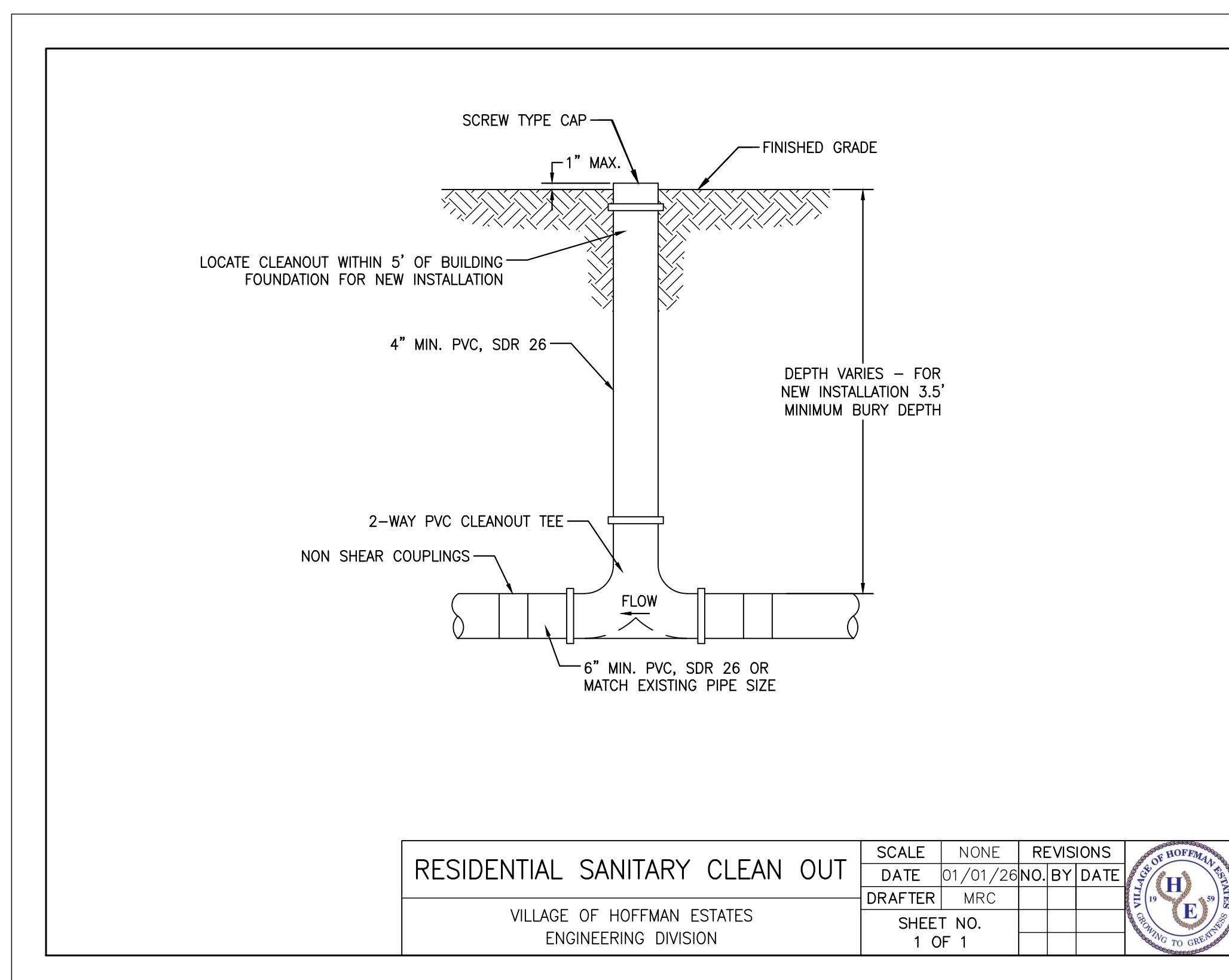


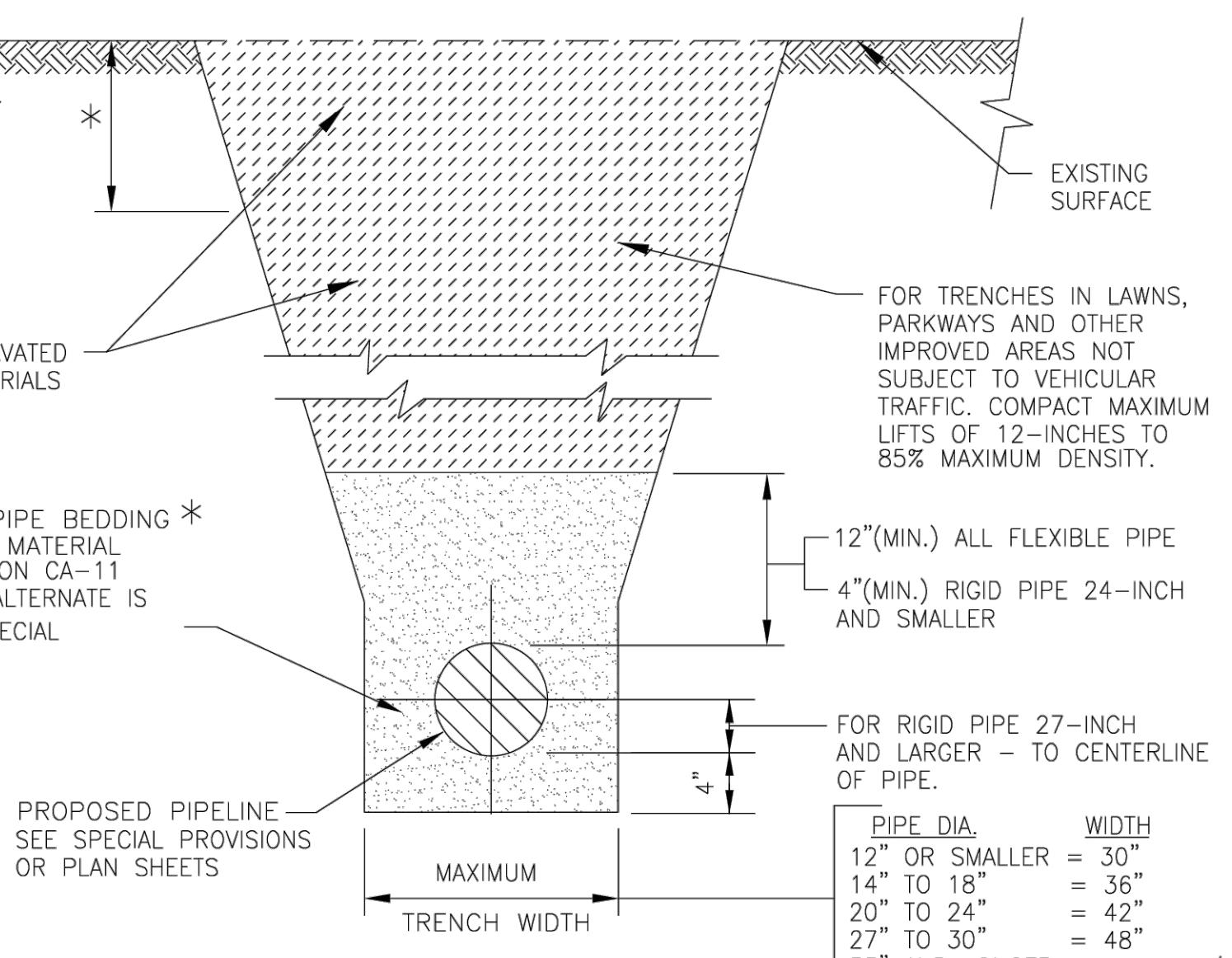
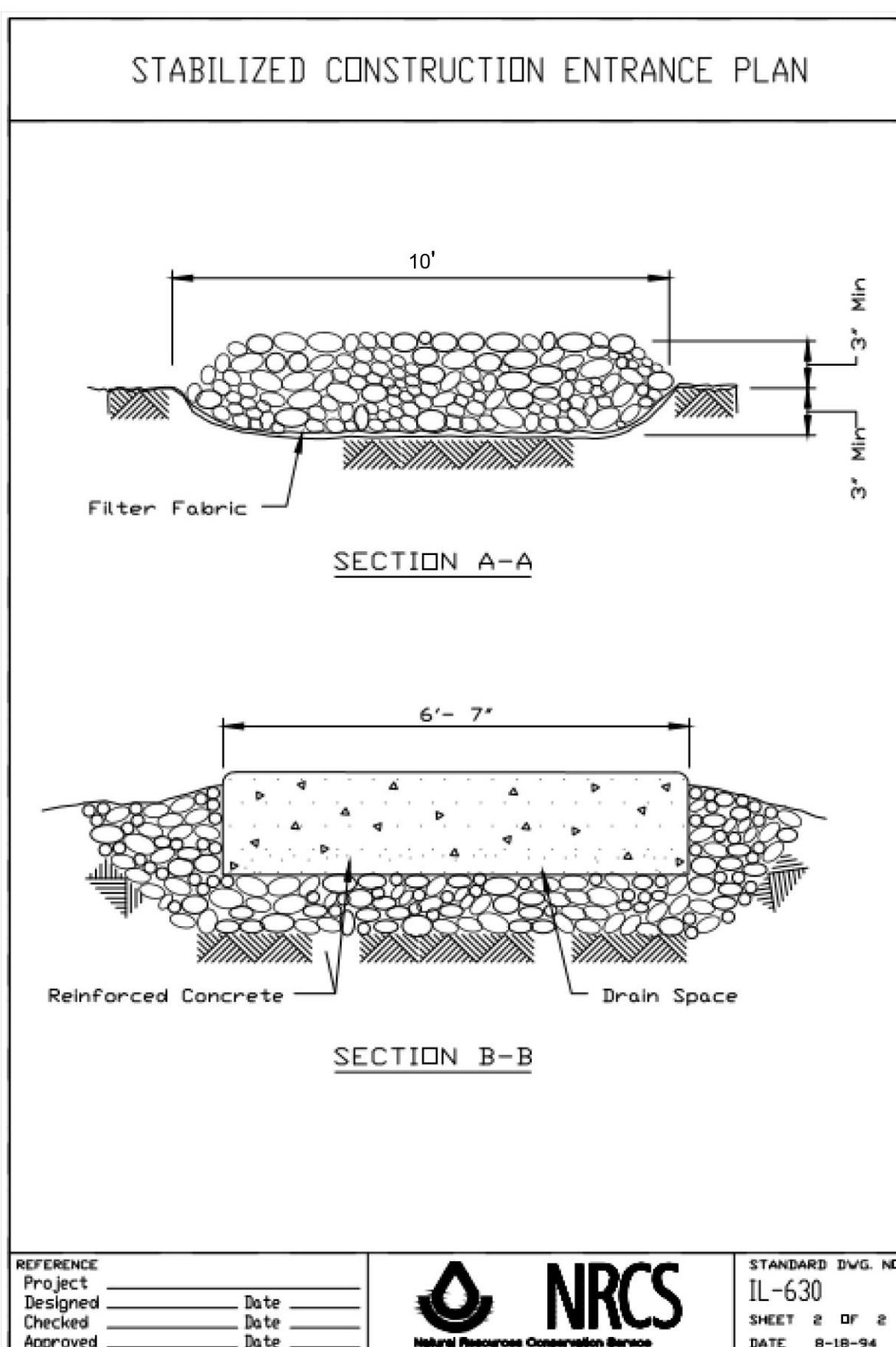
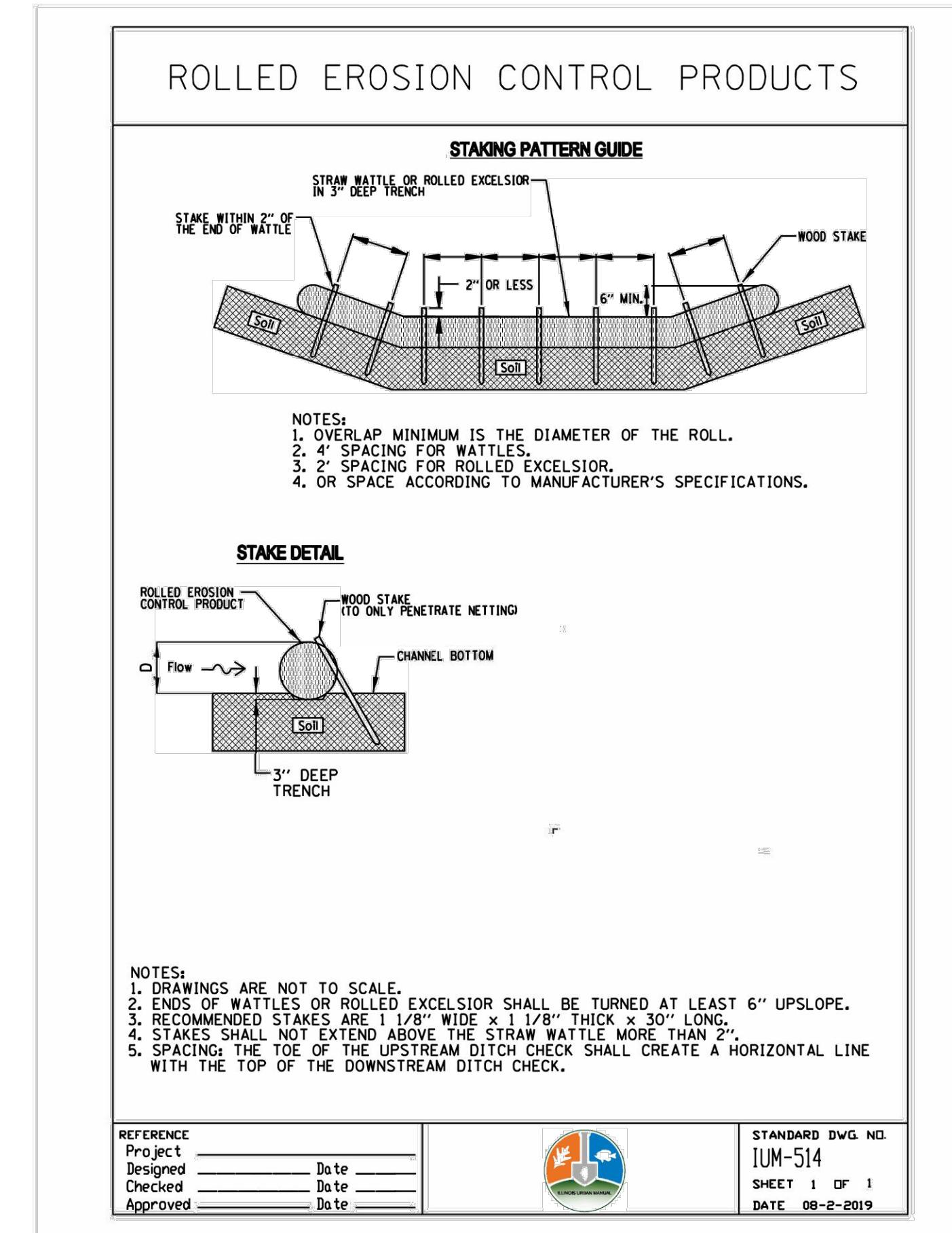
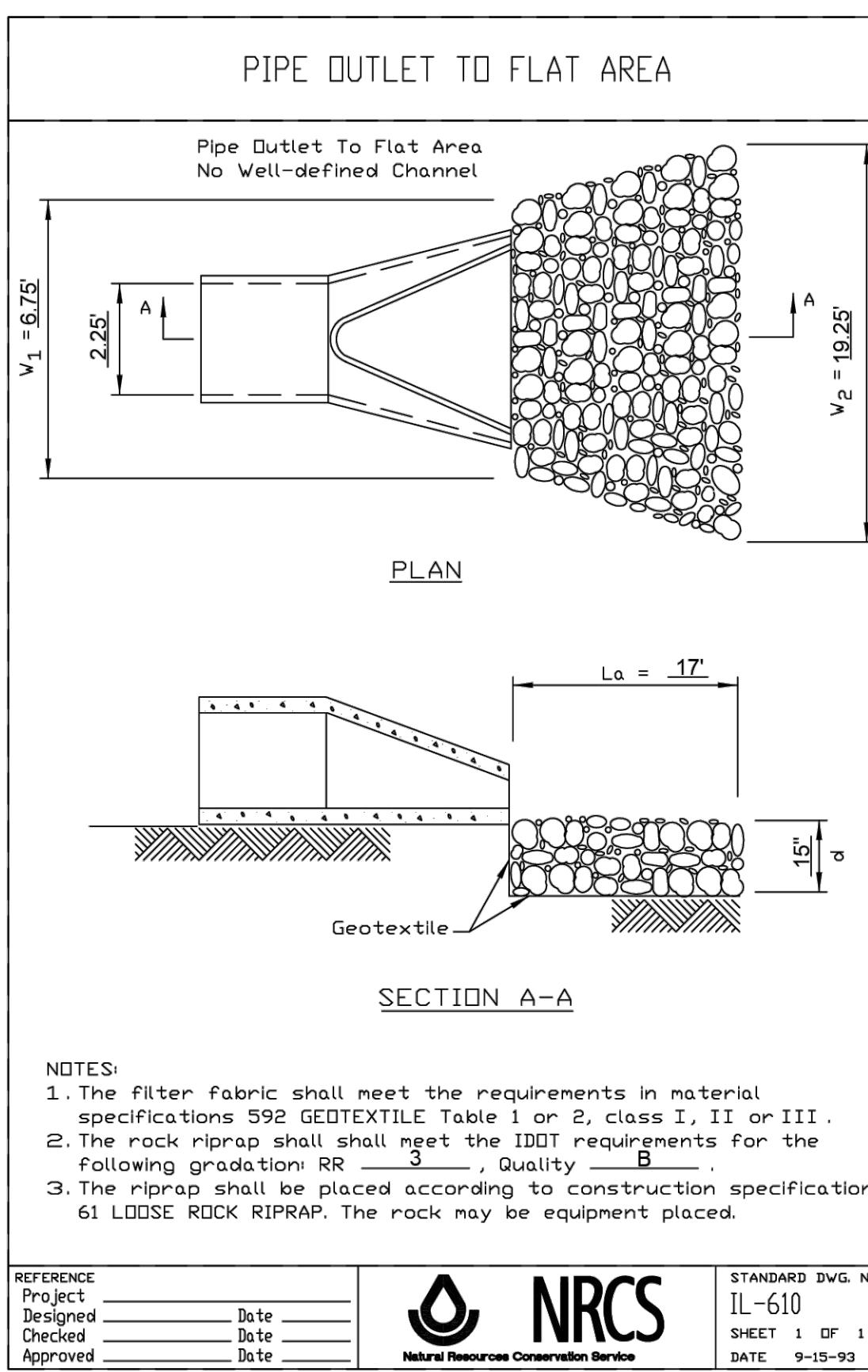
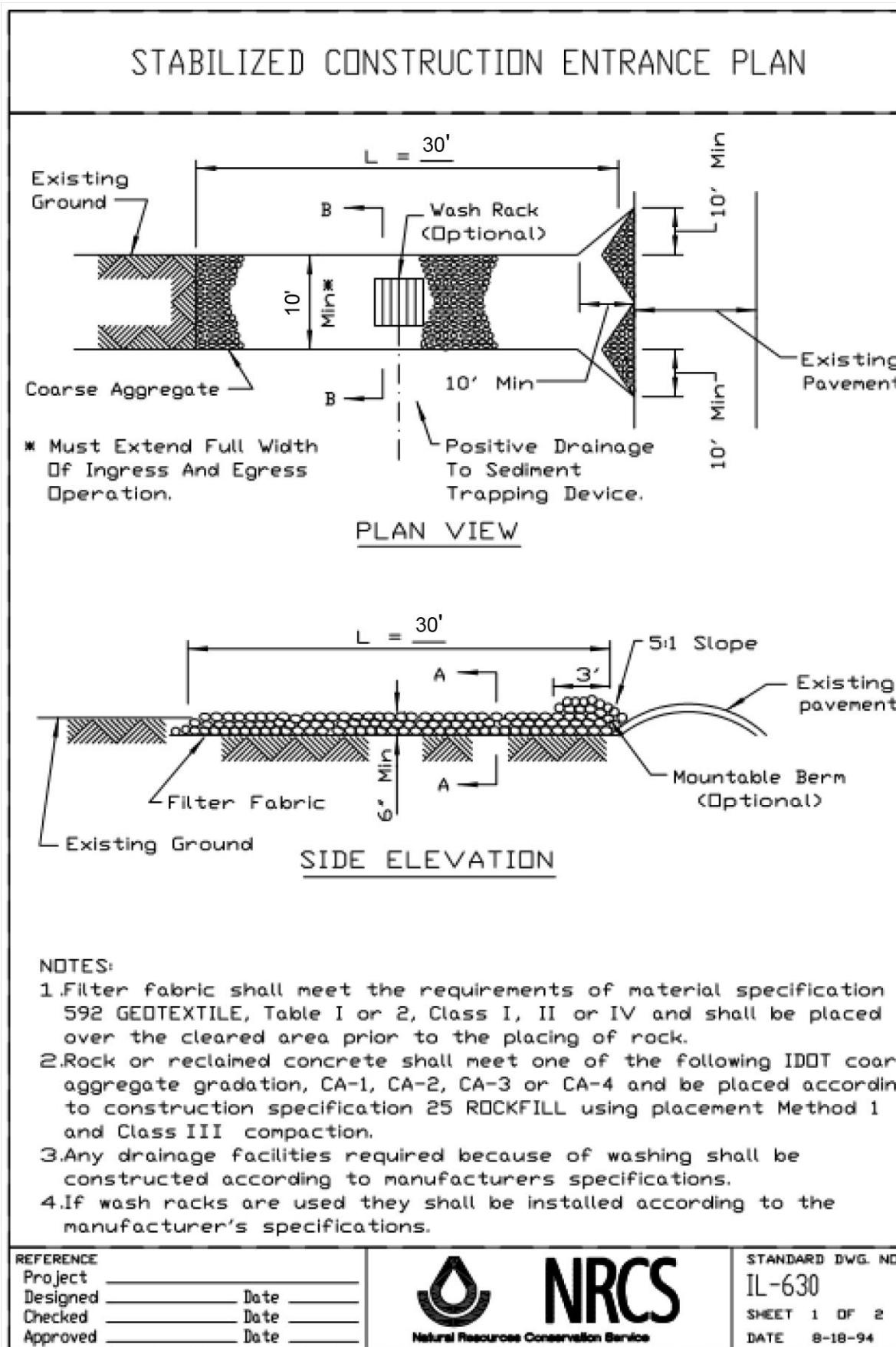
NOTES:

1. ALL BELOW GRADE FASTENERS SHALL BE STAINLESS STEEL BOLTS: GRADE 304, NUTS AND WASHERS: GRADE 300
2. WATER MAIN SHALL BE PLACE IN VIRGIN GROUND BENEATH PROPOSED UNDERCUT FOR STORM SEWER.



WATER MAIN ADJUSTMENT





TYPICAL TRENCH DETAIL

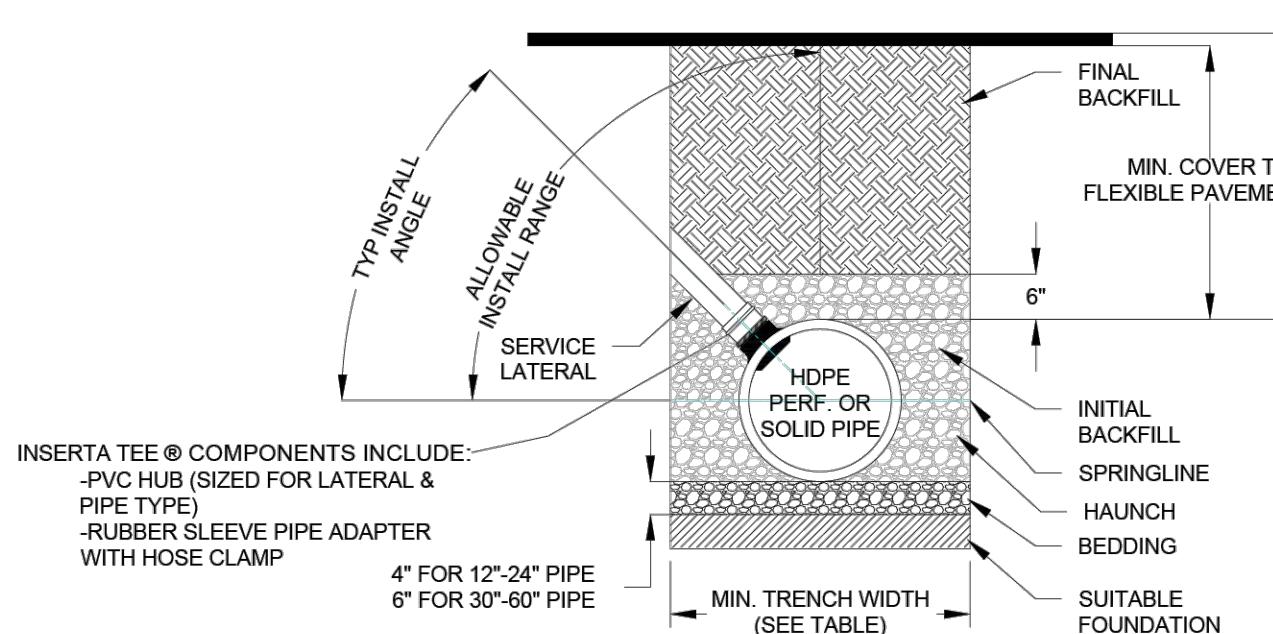
FOR NON-PAVED AREAS

* FOR FLEXIBLE THERMOPLASTIC OR HDPE PIPE COMPLY WITH ASTM 2321, CLASS I OR II.

FOR RIGID PIPE COMPLY WITH ASTM C12, BEDDING CLASS B.

FINAL DESIGN

INSERTA TEE® DETAIL (HDPE)



RECOMMENDED MINIMUM TRENCH WIDTHS	
PIPE DIAM.	MIN. TRENCH WIDTH
4" (100mm)	21" (533mm)
6" (150mm)	23" (584mm)
8" (200mm)	26" (660mm)
10" (250mm)	28" (711mm)
12" (300mm)	30" (762mm)
15" (375mm)	34" (864mm)
18" (450mm)	39" (991mm)
24" (600mm)	48" (1219mm)
30" (750mm)	56" (1422mm)
36" (900mm)	64" (1626mm)
42" (1050mm)	72" (1829mm)
48" (1200mm)	80" (2032mm)
54" (1350mm)	88" (2235mm)
60" (1500mm)	96" (2438mm)

NOTES:

- ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST EDITION.
- MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
- THE INSERTA TEE CONNECTION CAN BE INSTALLED UP TO A VERTICAL ORIENTATION, BUT A 45° INSTALL ANGLE IS MOST COMMON. GREATER ANGLES ARE SUBJECT TO DESIGN ENGINEER APPROVAL AND MAY REQUIRE PREMIUM BACKFILL.
- FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
- BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER, UNLESS OTHERWISE NOTED BY THE ENGINEER. MINIMUM BEDDING THICKNESS SHALL BE 4" (100mm) FOR 4"-24" (100mm-600mm), 6" (150mm) FOR 30"-60" (750mm-1500mm).
- INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III IN THE PIPE ZONE EXTENDING NOT LESS THAN 6" ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
- MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOTATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12" UP TO 48" DIAMETER PIPE AND 24" OF COVER FOR 54"-60" DIAMETER PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT.

NOTE: FOR INSTALLATION INSTRUCTIONS, REFER TO DETAIL STD-1100. FOR PROTRUSION INFORMATION, REFER TO DETAIL STD-1101. FOR HOLE SAW INFORMATION, REFER TO DETAIL STD-1102.

ADVANCED DRAINAGE SYSTEMS, INC. ("ADS") HAS PREPARED THIS DETAIL BASED ON INFORMATION PROVIDED TO ADS. THIS DRAWING IS INTENDED TO DEPICT THE COMPONENTS AS REQUESTED. ADS HAS NOT PERFORMED ANY ENGINEERING OR DESIGN SERVICES FOR THIS PROJECT, NOR HAS ADS INDEPENDENTLY VERIFIED THE INFORMATION SUPPLIED. THE INSTALLATION DETAILS PROVIDED HEREIN ARE GENERAL RECOMMENDATIONS AND ARE NOT SPECIFIC FOR THIS PROJECT. THE DESIGN ENGINEER SHALL REVIEW THESE DETAILS PRIOR TO CONSTRUCTION. IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ENSURE THE DETAILS PROVIDED HEREIN MEETS OR EXCEEDS THE APPLICABLE NATIONAL, STATE, OR LOCAL REQUIREMENTS AND TO ENSURE THAT THE DETAILS PROVIDED HEREIN ARE ACCEPTABLE FOR THIS PROJECT.

INSERTA TEE DETAIL (HDPE)
DRAWING NUMBER STD-1011

HAK
DATE 07/19/23
D/C'S ENG
S/C'S NTS
SHEET 1

INSERTA TEE® FITTINGS
SDR 26 HWS GASKETED BELL GRAVITY APPLICATIONS

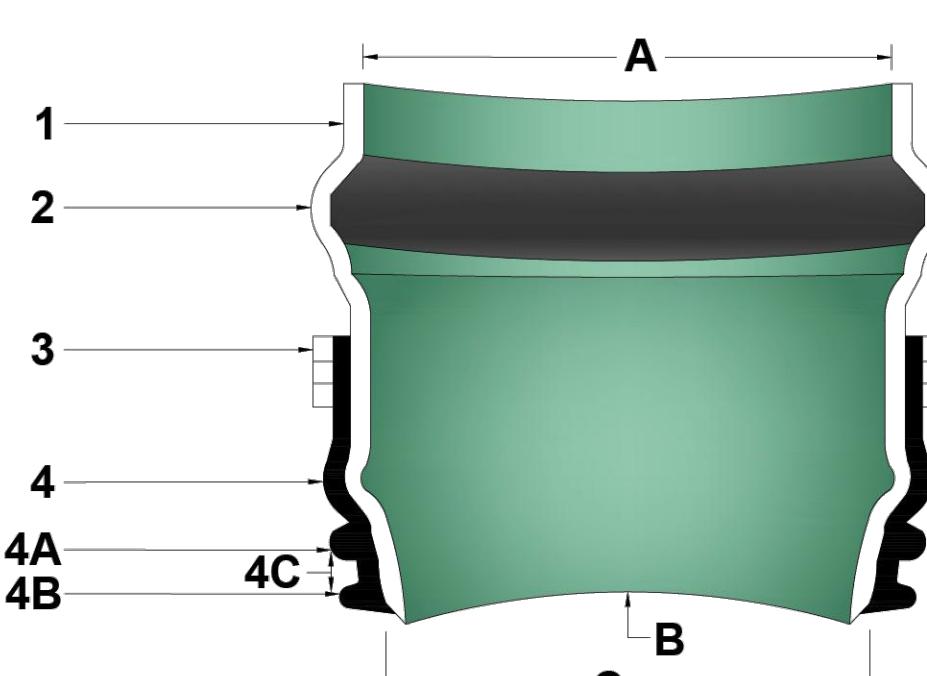
A. BELL END ACCEPTS PIPE WITH SDR 26, ASTM D3034 OR EQUIVALENT O.D. SPECIFICATION IN 8", 10", 12", 15", AND 18" SIZES (FOR 4" AND 6" SIZES, REFER TO FATBOY SPECIFICATIONS).

B. CURVATURE VARIES WITH MAINLINE DIAMETERS.

C. SPIGOT END PVC SDR 26, ASTM D3034 DIAMETERS: 8", 10", 12" AND 15".

PART #	PART NAME
1	HUB ADAPTOR
2	RUBBER GASKET
3	SECURING CLAMP*
4	RUBBER SLEEVE (AVAILABLE IN NITRILE AND EPDM BY SPECIAL ORDER)
4A	UPPER SEGMENT**
4B	LOWER SEGMENT**
4C	REFER TO STD - 1103: WALL THICKNESS CHART

* OPTIONAL: #316 STAINLESS STEEL BAND, SCREW, AND HOUSING
** DISTANCE BETWEEN 4A AND 4B WILL VARY BY PRODUCT TYPE
*** WILL NOT APPEAR ON RUBBER SLEEVES FOR CONCRETE OR CLAY PIPE



INSERTA TEE SIZE	HOLE DIAMETER
8" (200mm)	8 3/4" (222mm)
10" (250mm)	10 7/8" (276mm)
12" (300mm)	12 7/8" (327mm)
15" (375mm)	19 3/16" (503mm)

MATERIALS
PVC SDR 26 ASTM D3034
ASTM F477

BAND SS #301
SCREW SS #305
HOUSING SS #301

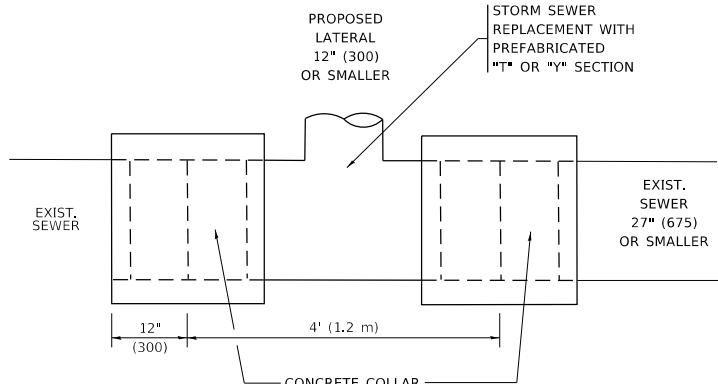
NOTE: FOR INSTALLATION INSTRUCTIONS, REFER TO DETAIL STD-1100. FOR PROTRUSION INFORMATION, REFER TO DETAIL STD-1101. FOR HOLE SAW INFORMATION, REFER TO DETAIL STD-1102.

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INSERTA TEE FITTINGS SDR 26
HWS GASKETTED BELL FOR GRAVITY
APPLICATIONS
DRAWING NUMBER STD-1110

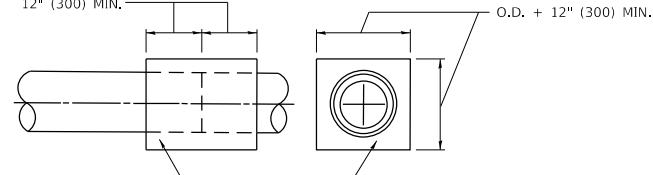
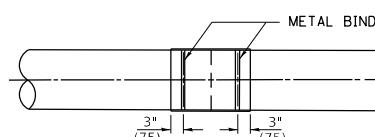
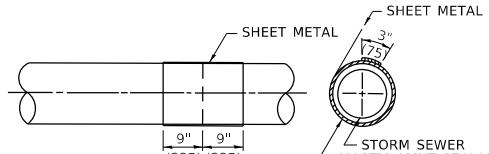
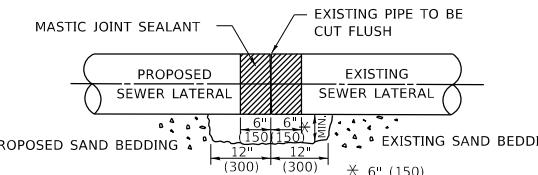
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DATE 03/06/23
D/C'S ENG
S/C'S NTS
SHEET 1

FINAL DESIGN



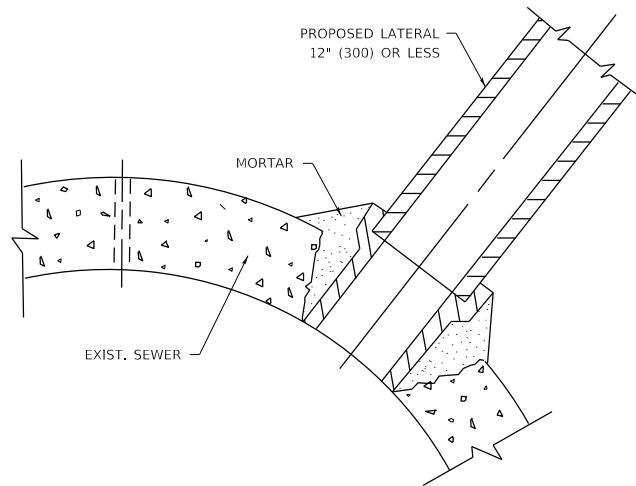
DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER



DETAIL "B"

CLASS SI CONCRETE COLLAR



DETAIL "C"

PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 30" (750) OR LARGER

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS
 - A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

1. CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
2. CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROTECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

1. TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.
2. REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.
3. TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.
4. CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

NOTES:

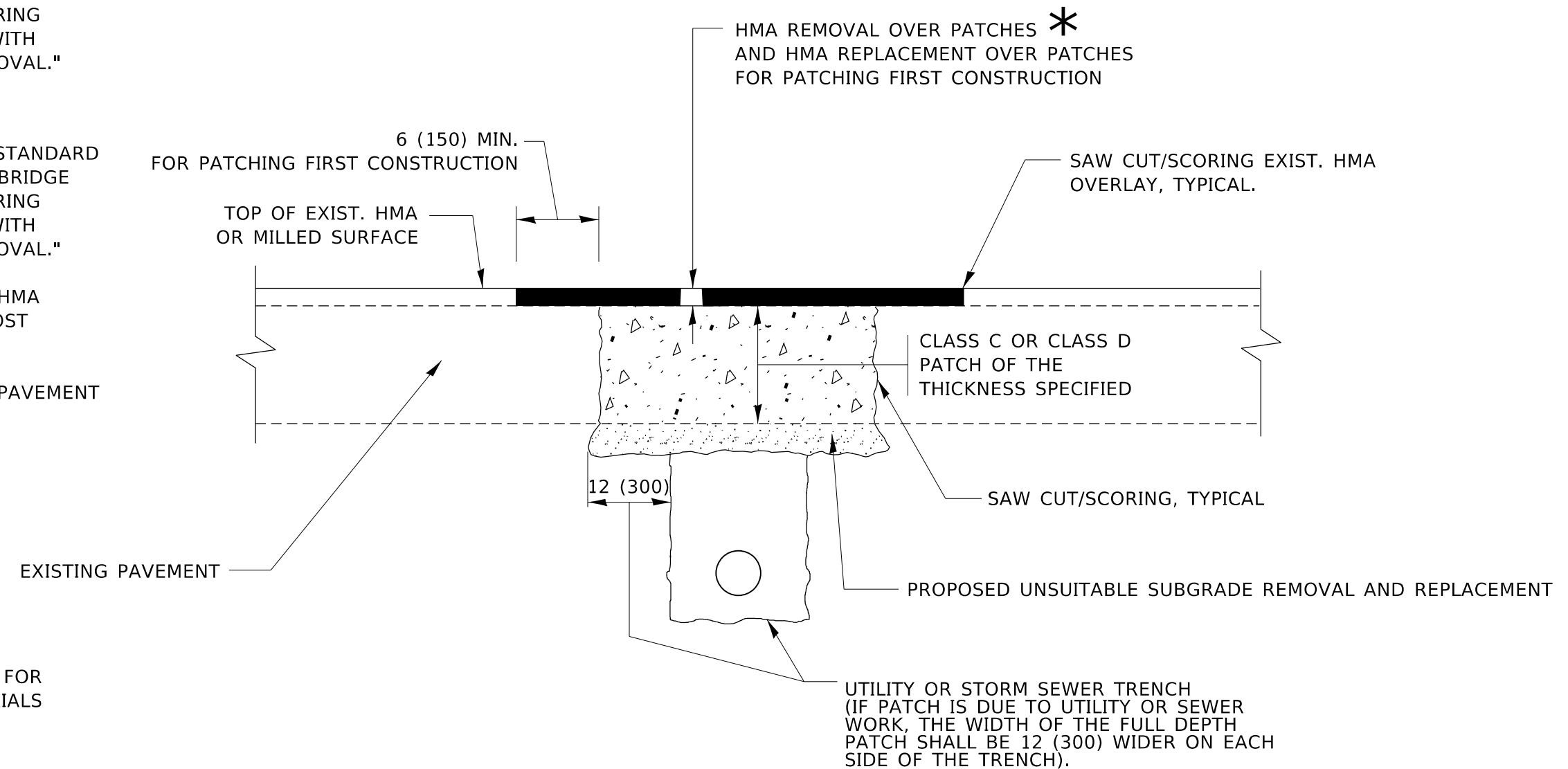
* ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

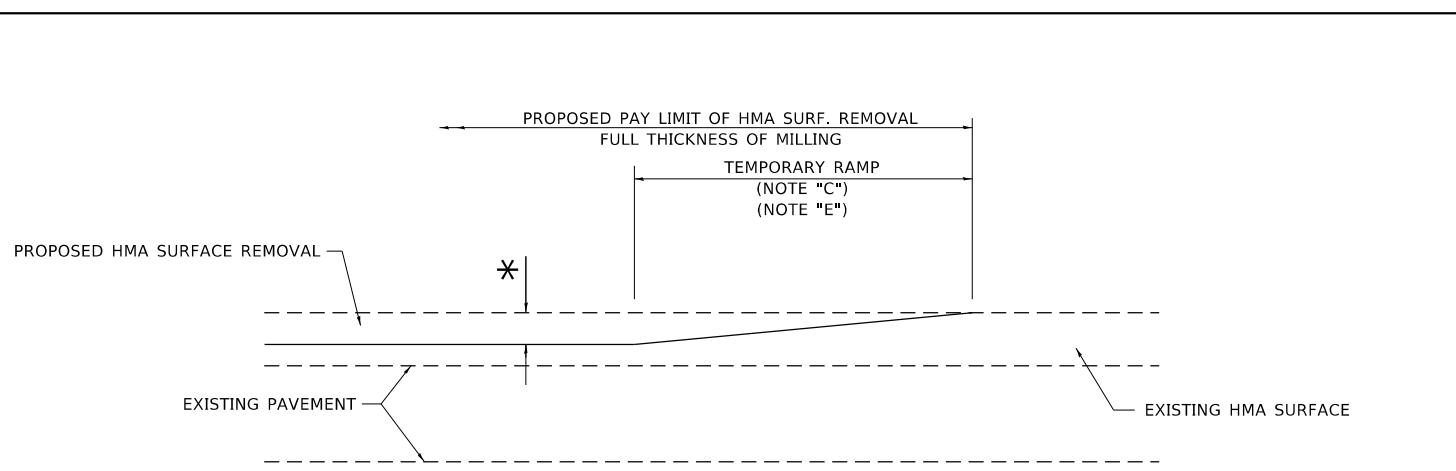
SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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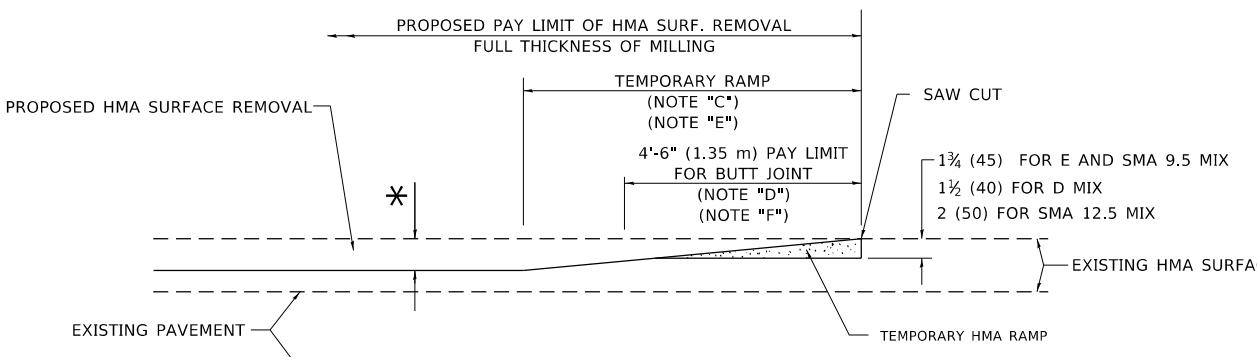
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	DRAWN -	REVISED -	R. BORO 09-04-07										54	44
	PLOT SCALE = 100.0000 ' in.	CHECKED -	REVISED - K. ENG 10-27-08										BD400-04 (BD-22)	CONTRACT NO.
	PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. SMITH 11-18-22		SCALE: NONE	1	OF	1	SHEETS	STA.	TO STA.		ILLINOIS	FED. AID PROJECT



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

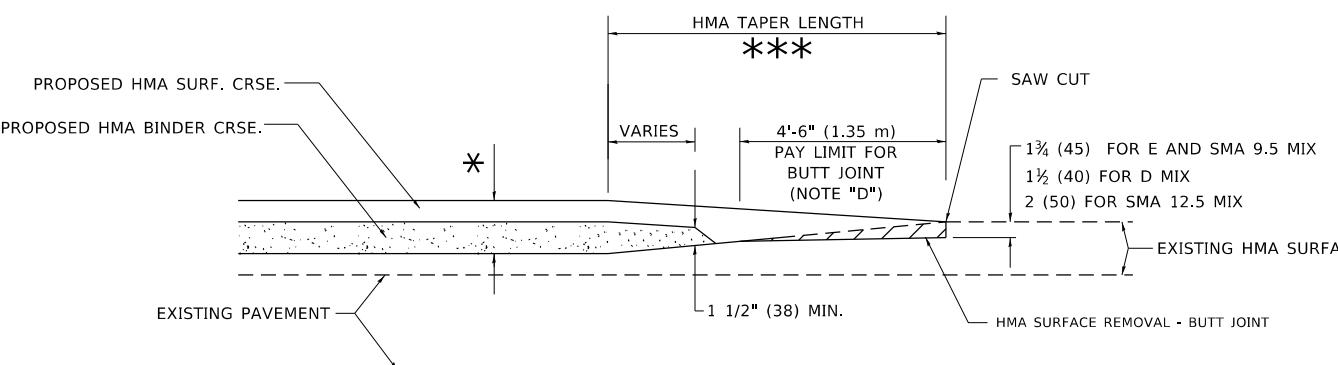


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

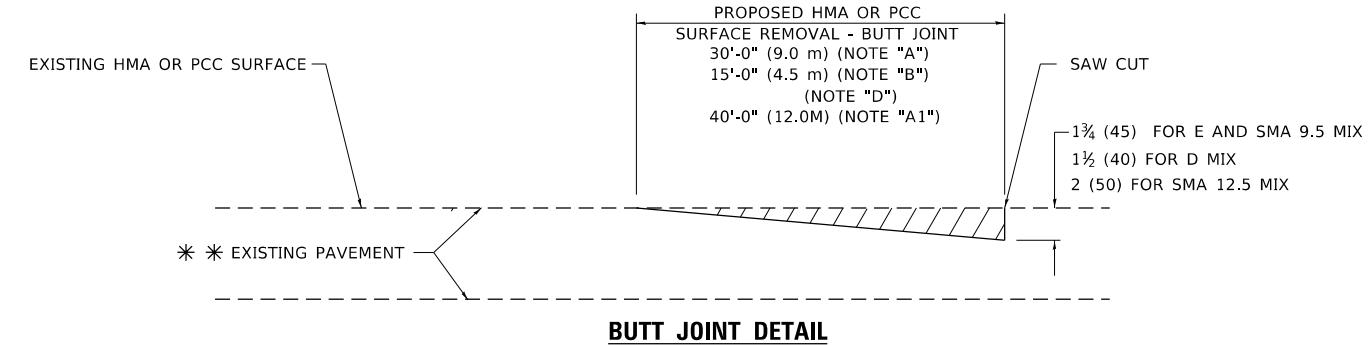
OPTION 2

TYPICAL TEMPORARY RAMP

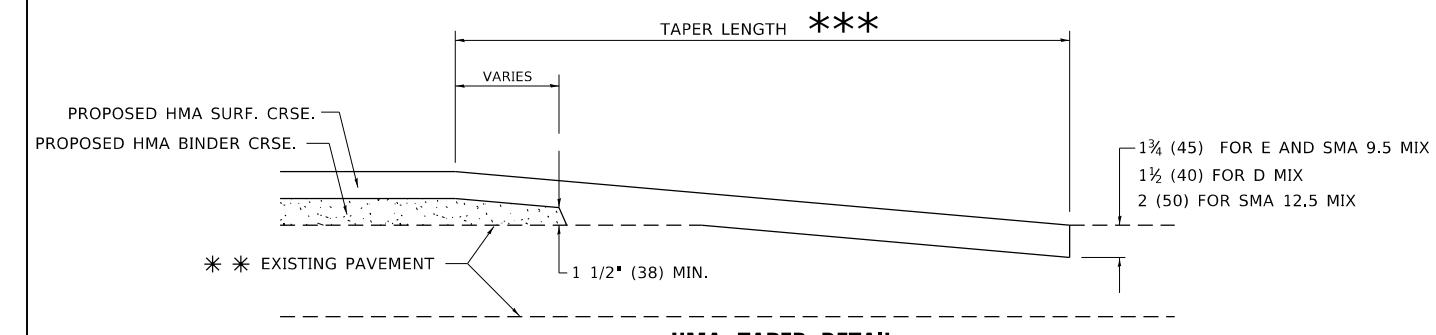


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

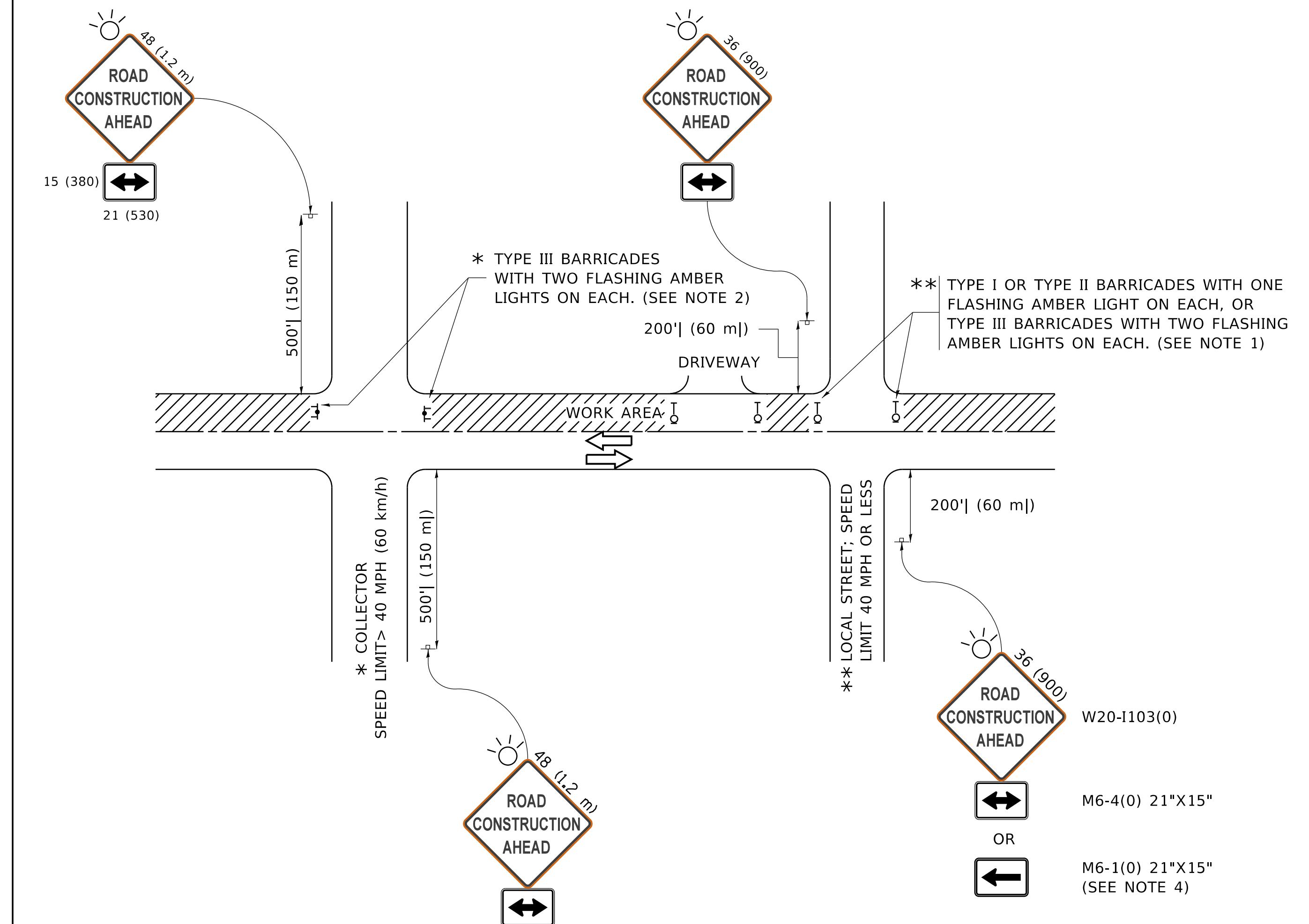
** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

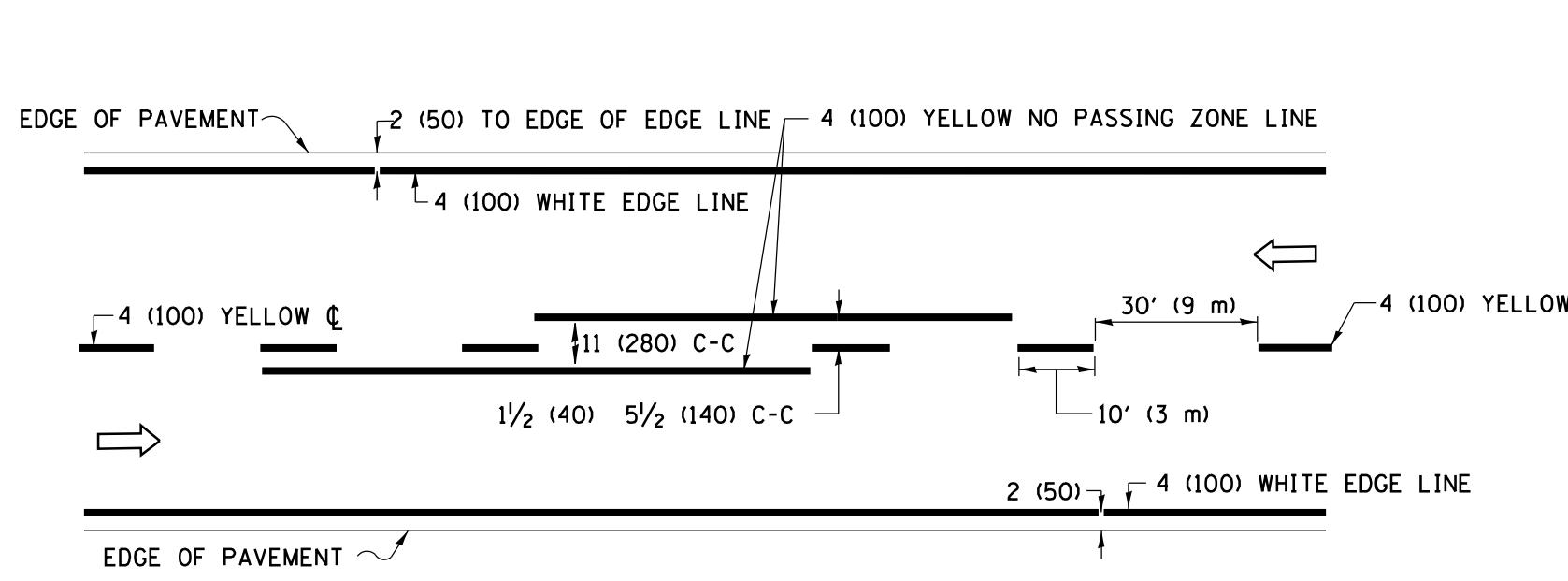


NOTES:

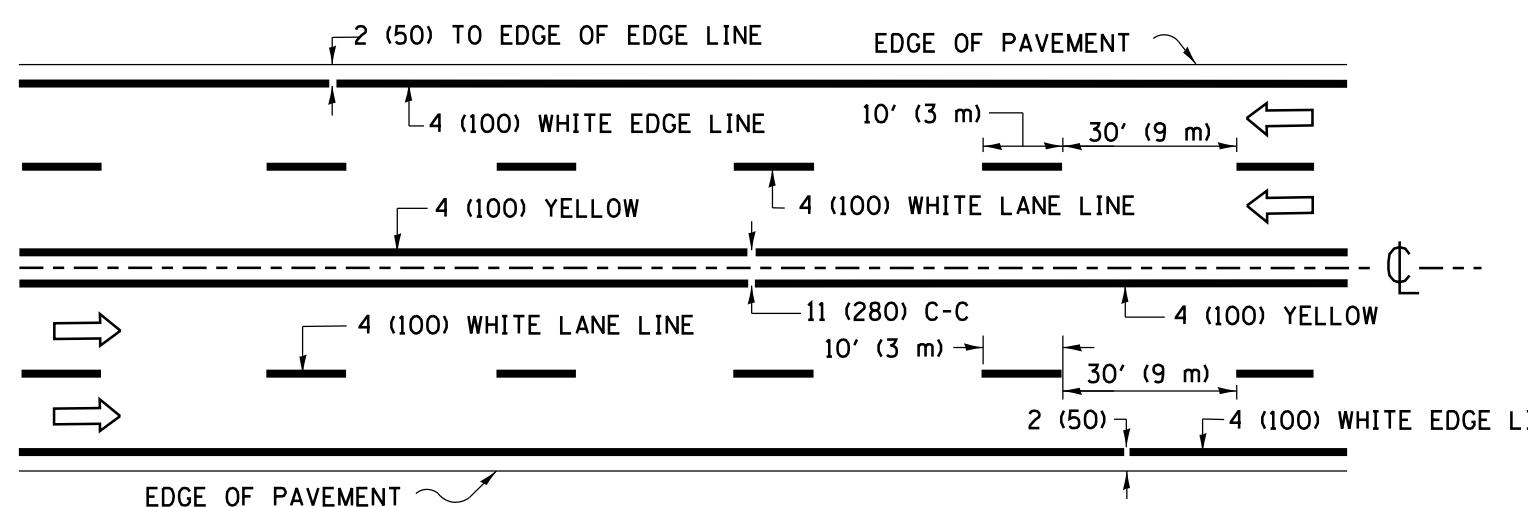
1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY
 - b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

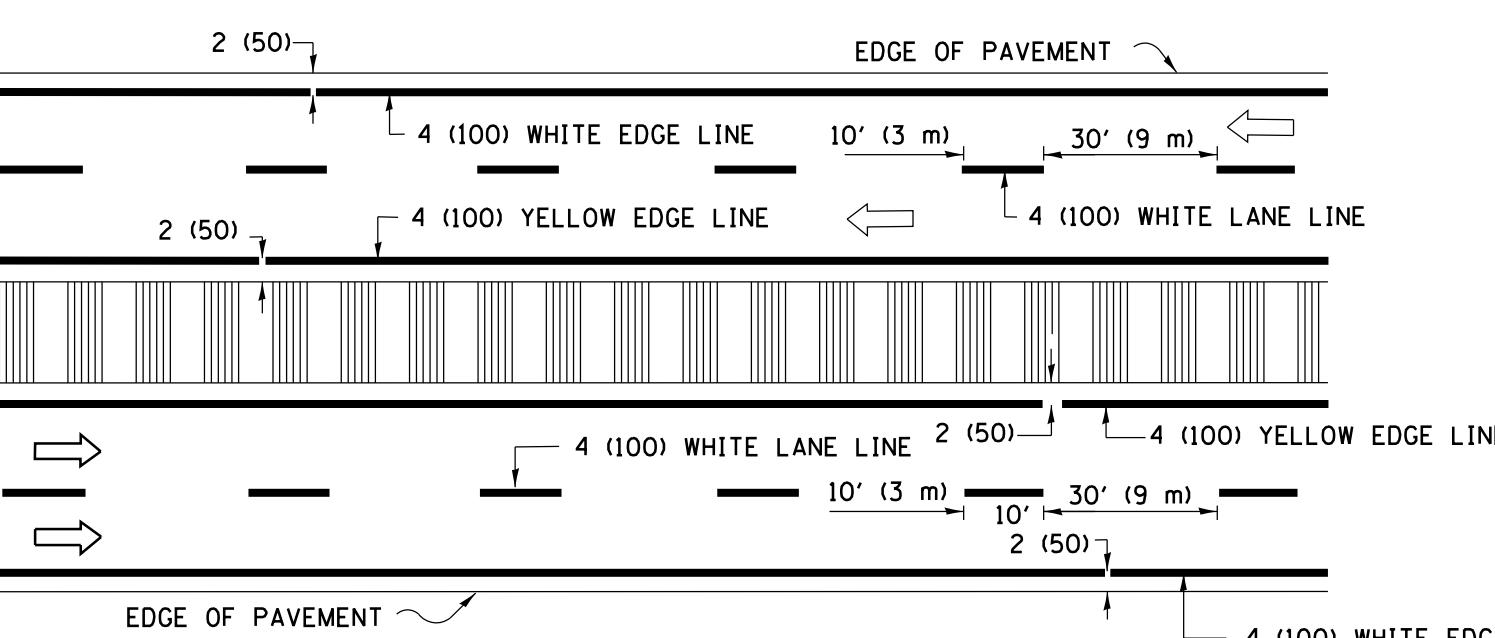
FILE NAME: pw\IL08				DRAFTS DRAWN IN AUTOCAD							
USER NAME = footemj				DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96	F. A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
				DRAWN -	REVISED - T. RAMMACHER 01-06-00						
PLOT SCALE = 50.0000 ' / in.				CHECKED -	REVISED - A. SCHUETZE 07-01-13						
PLOT DATE 2/4/2010				DATE 06-20	REVISED - A. SCHUETZE 09-15-16						
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS				C-10		CONTRACT NO.	
								SCALE 1:1000		SHEET 1 OF 15 SHEETS	



2-LANE ROADWAY

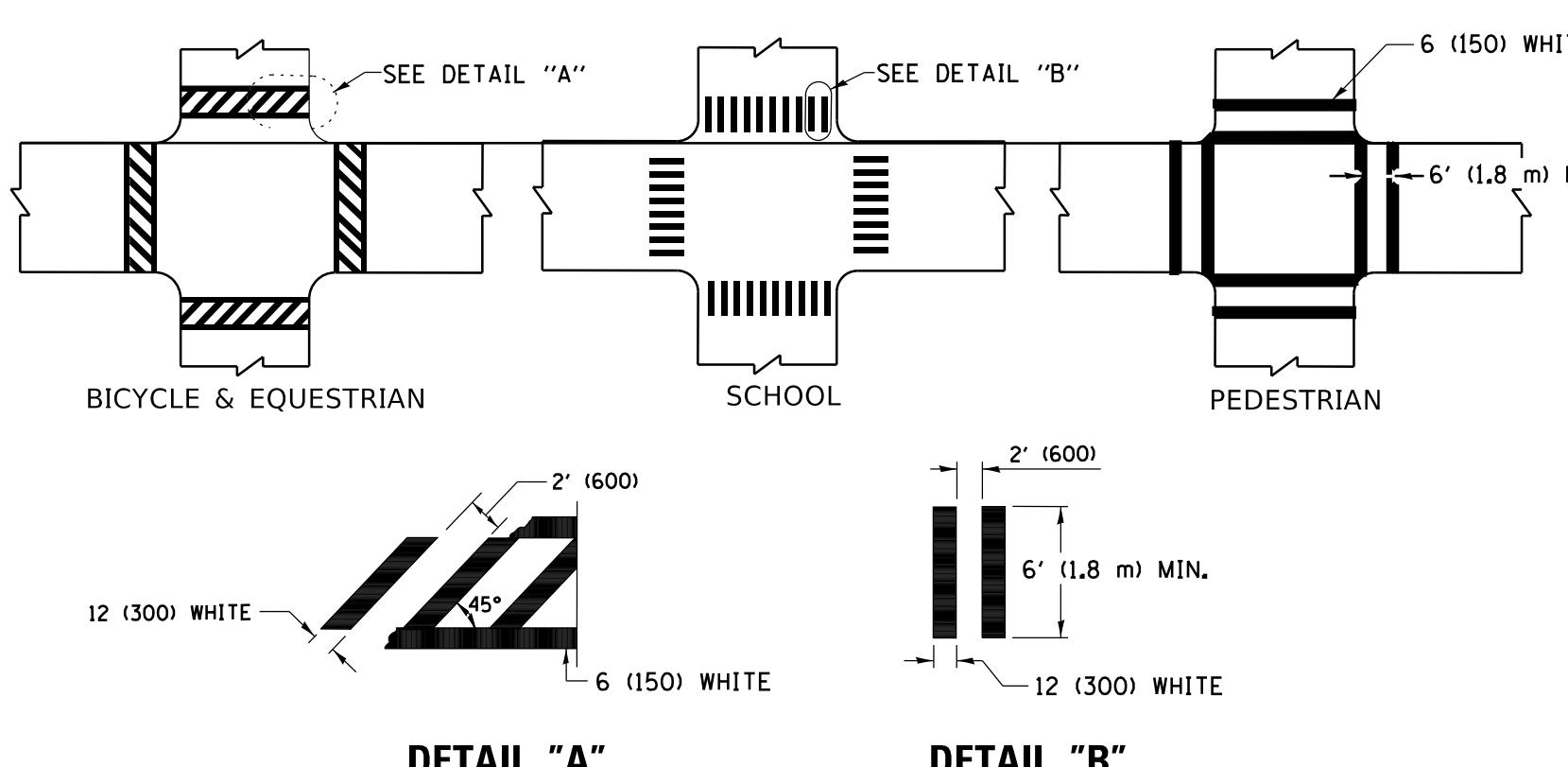


MULTI-LANE UNDIVIDED



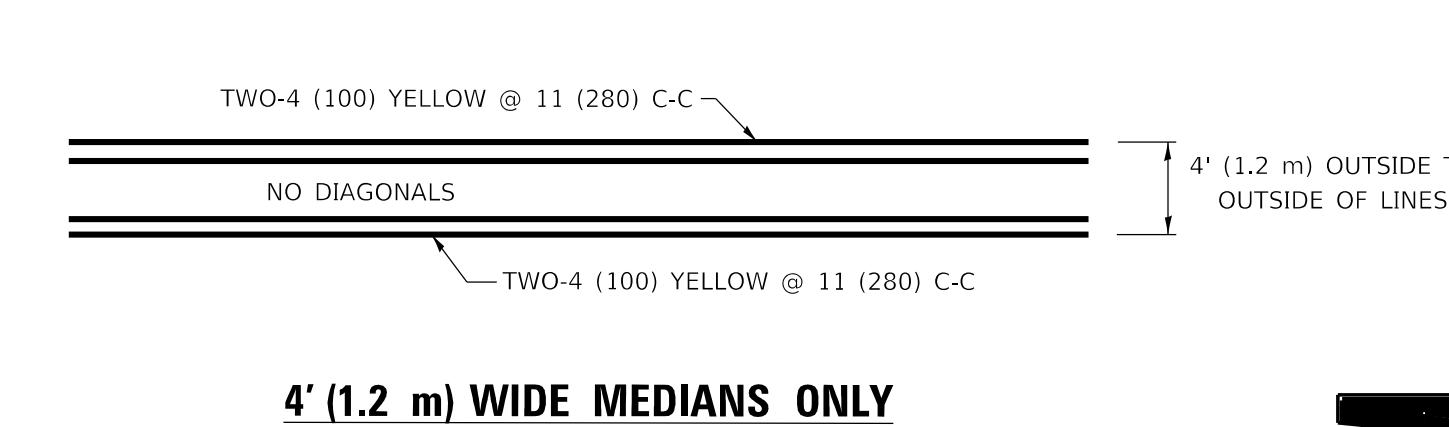
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

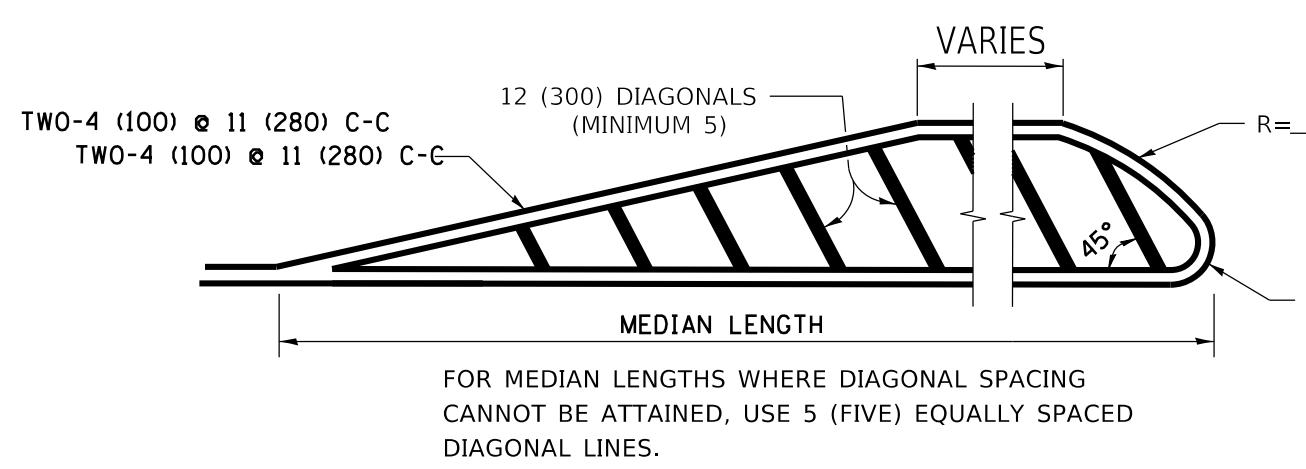


TYPICAL CROSSWALK MARKING

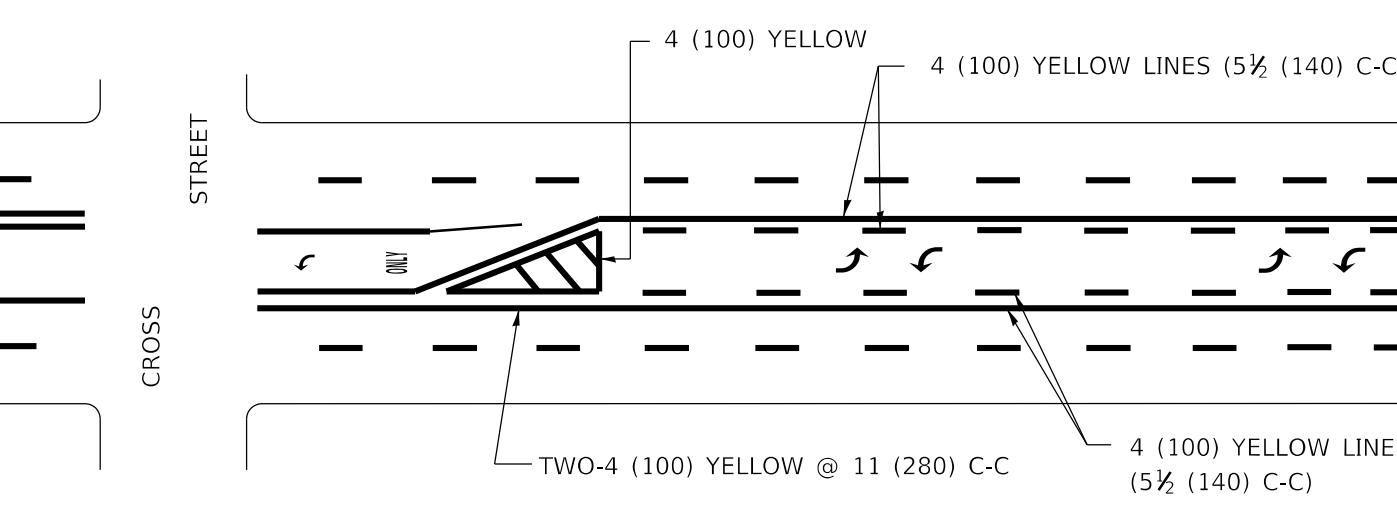
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



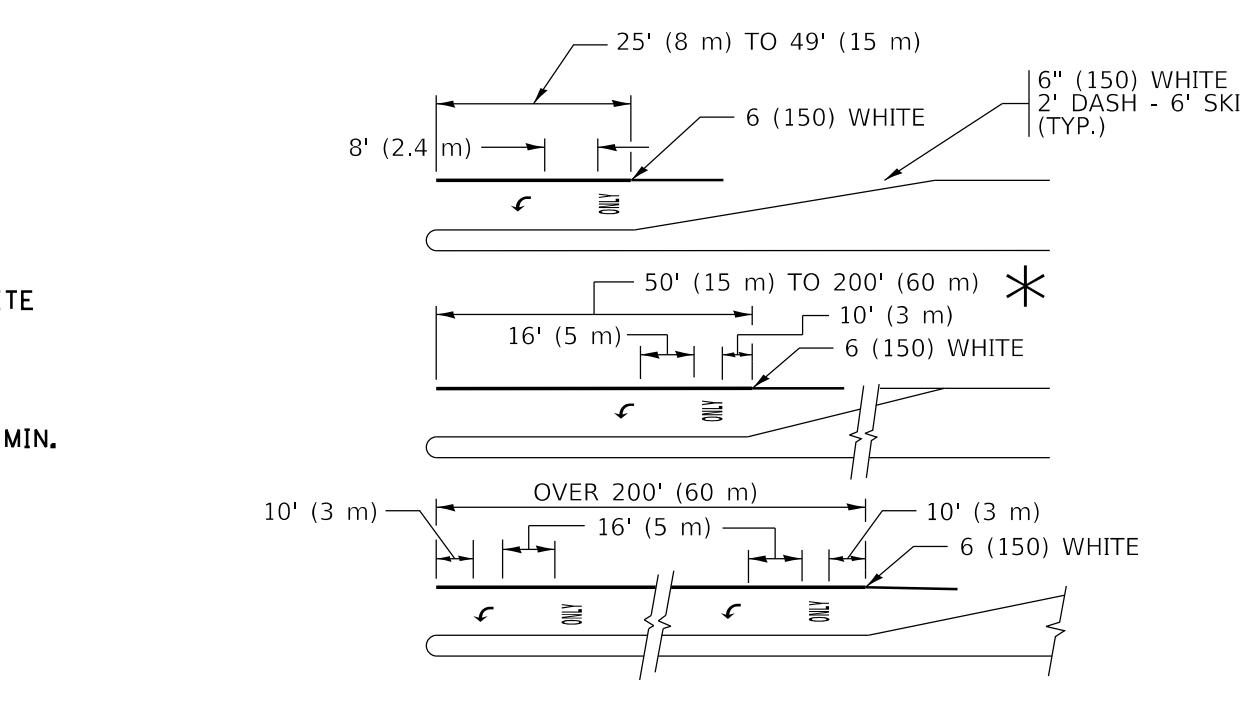
4' (1.2 m) WIDE MEDIANS ONLY



MEDIAN OVER 4' (1.2 m) WIDE



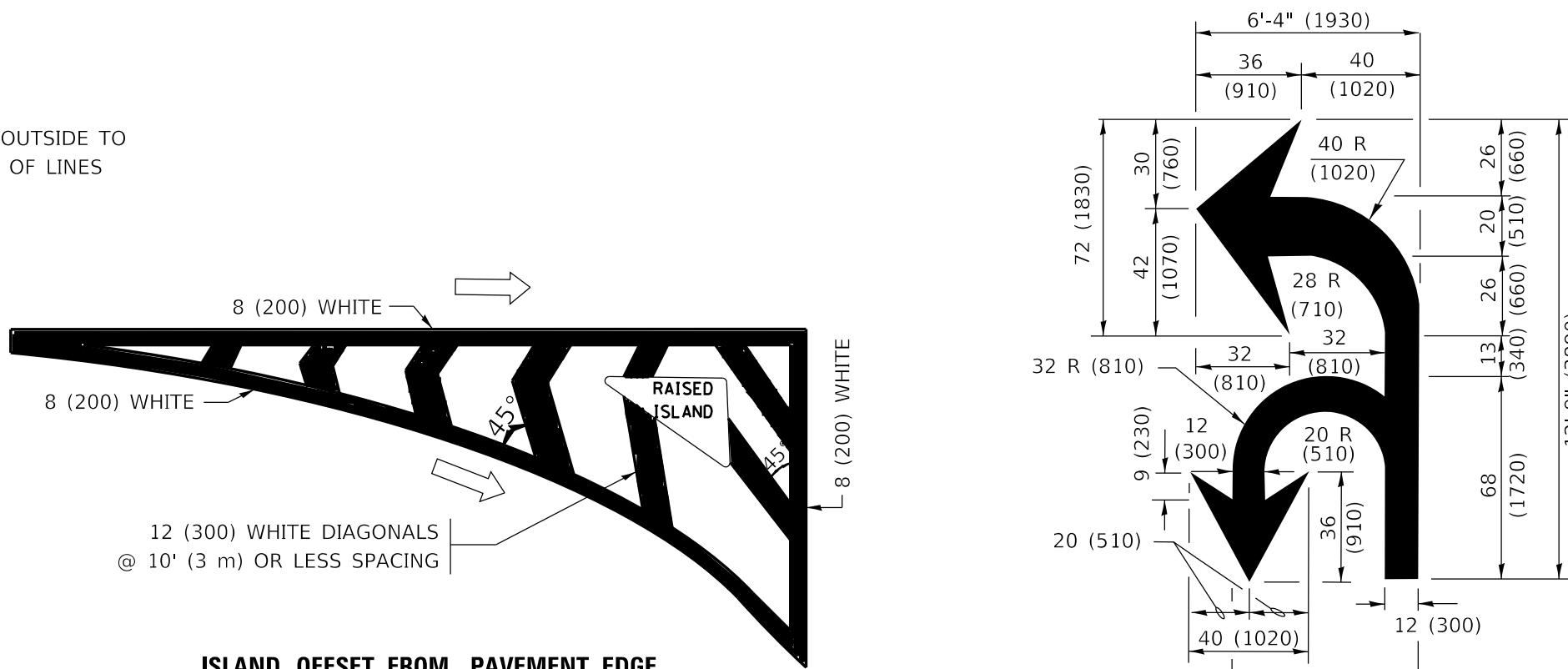
TYPICAL PAINTED MEDIAN MARKING



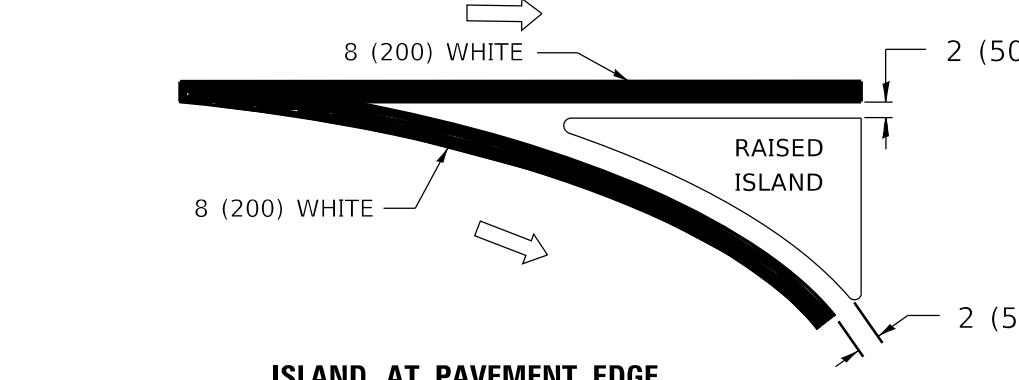
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

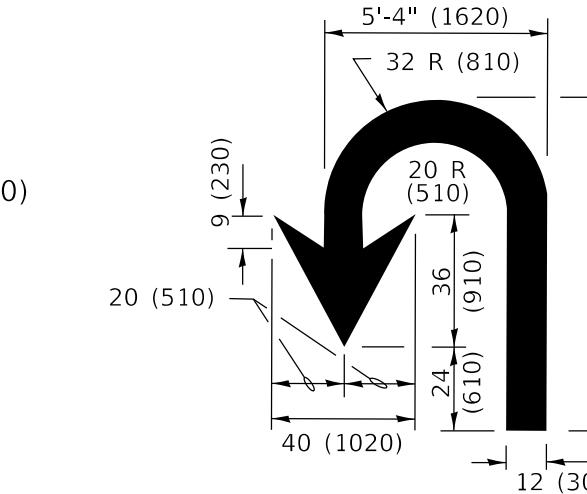
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



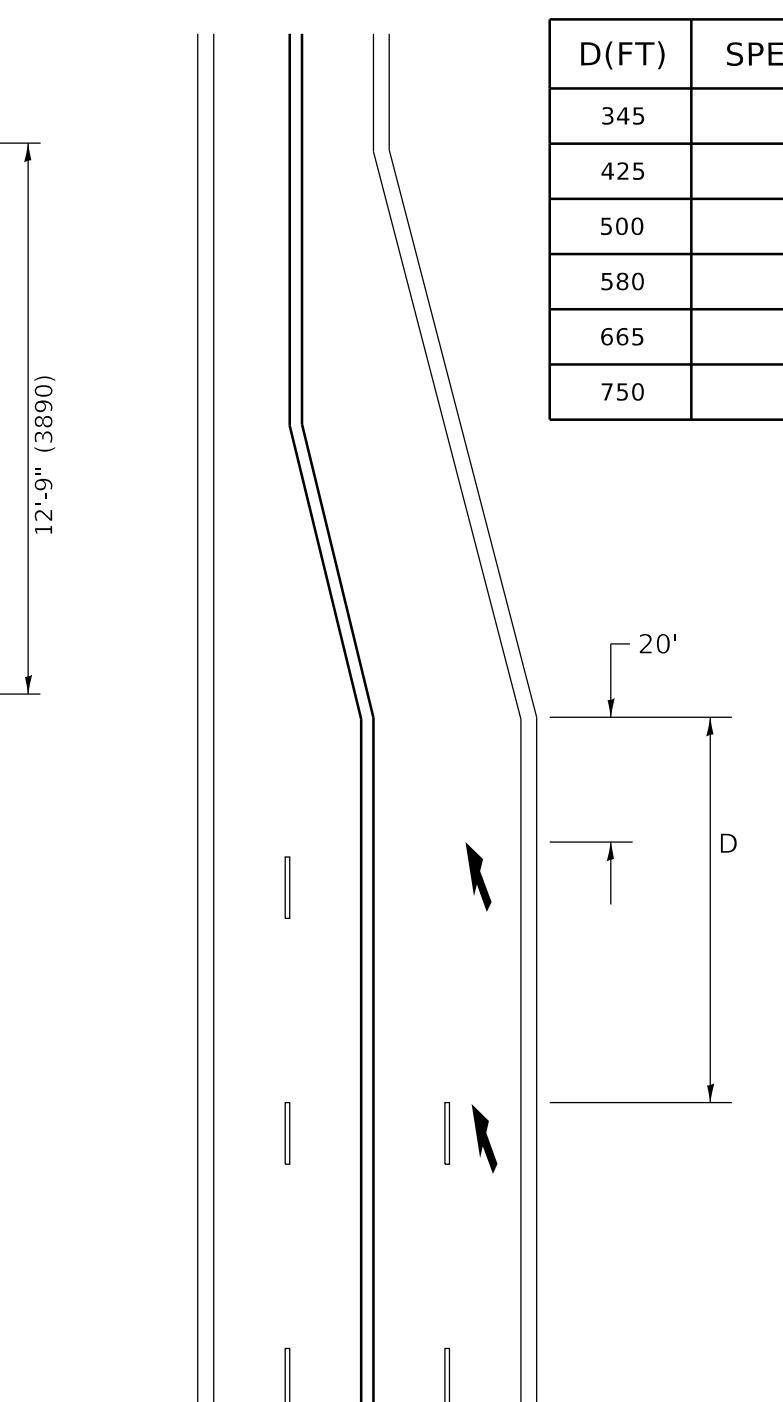
ISLAND OFFSET FROM PAVEMENT EDGE



COMBINATION LEFT AND U-TURN



TYPICAL ISLAND MARKING



LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIAN IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT OTHERWISE PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIAN	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIAN	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERs \geq 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 LANE COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

USER NAME	DESIGNED - EVER	REVISED - C. JUCIUS 09-09-09	REVISED - C. JUCIUS 07-01-13	REVISED - C. JUCIUS 12-21-15	REVISED - C. JUCIUS 04-12-16	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
footemj	DRAWN -								54	47
50,000' / in.	CHECKED -									
3/4/2019	DATE - 03-19-90									

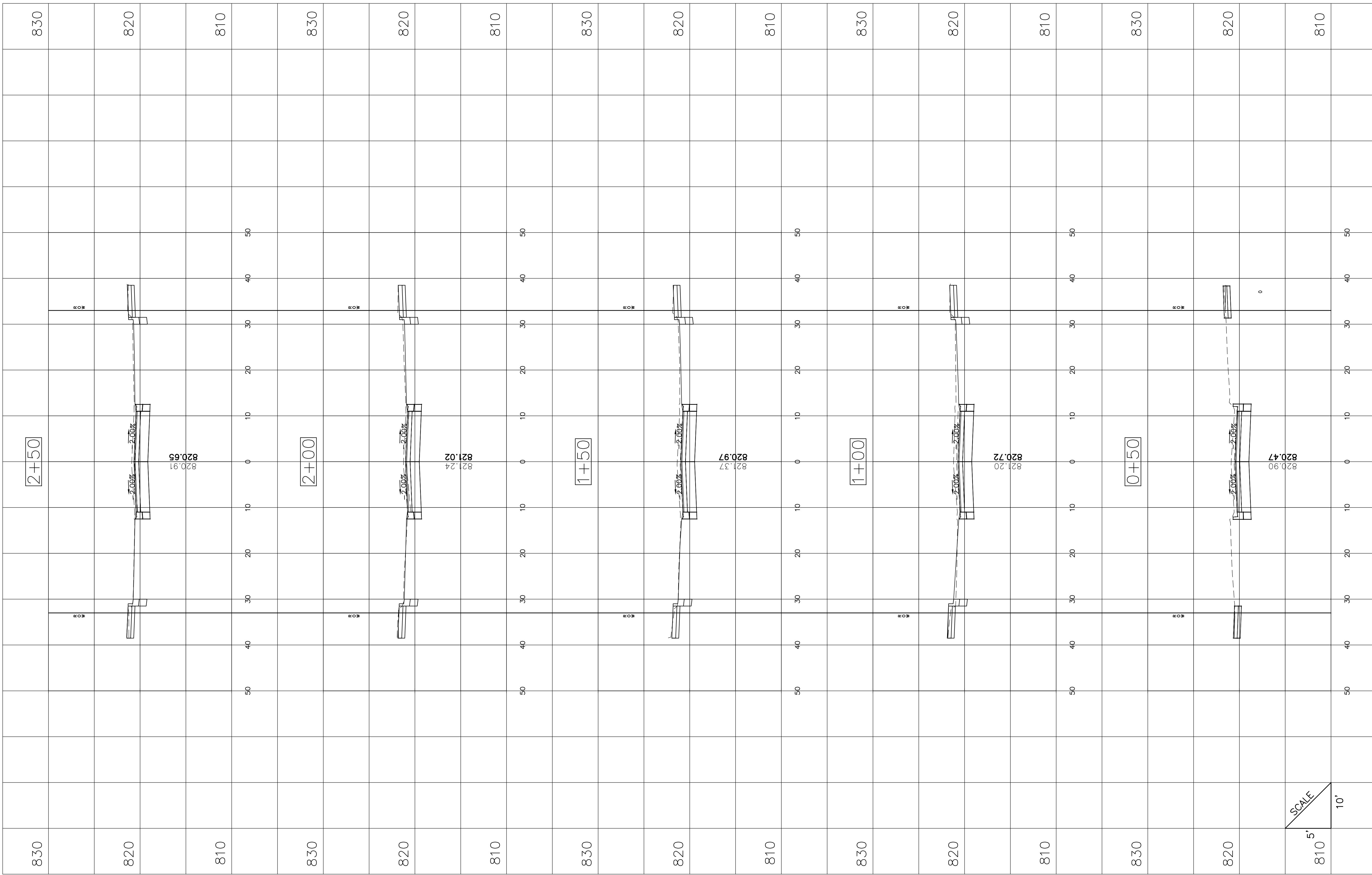
DISTRICT ONE TYPICAL PAVEMENT MARKINGS

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA. ILLINOIS FED. AID PROJECT

TC-13 CONTRACT NO.

PROFILE	SURVEYED _____ PLOTTED _____	DATE	BY	DATE
NOTE BOOK NO. _____	GRADES CHECKED B.M. NOTED STRUCTURE NOTA'NS	CH'K'D		

PLAN	SURVEYED _____
	PLOTTED _____
NOTE BOOK	ALIGNMENT CHECKED _____
NO. ____	RT. OF WAY CHECKED _____
	CADDFILE NAME _____



PROFILE	SURVEYED	DATE	BY	DATE
	PILOTED			
NOTE	BOOK	GRADES	CHECKED	
NO.	BLK.	NO.	ED.	NOTATNS
				CHKD

PLAN	SURVEYED	DATE	BY	DATE
	PILOTED			
NOTE	BOOK	ALIGNMENT	CHECKED	
NO.	BLK.	NO.	ED.	NAME
				CHKD

FILE NAME =
Chelmsford PI X-Sections.dwg

DESIGNED - DSG

REVISED -

DRAWN - DSG

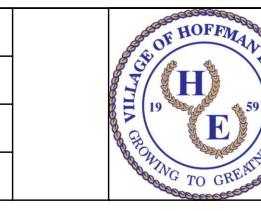
REVISED -

CHECKED - AJW

REVISED -

DATE - 03/08/2023

REVISED -



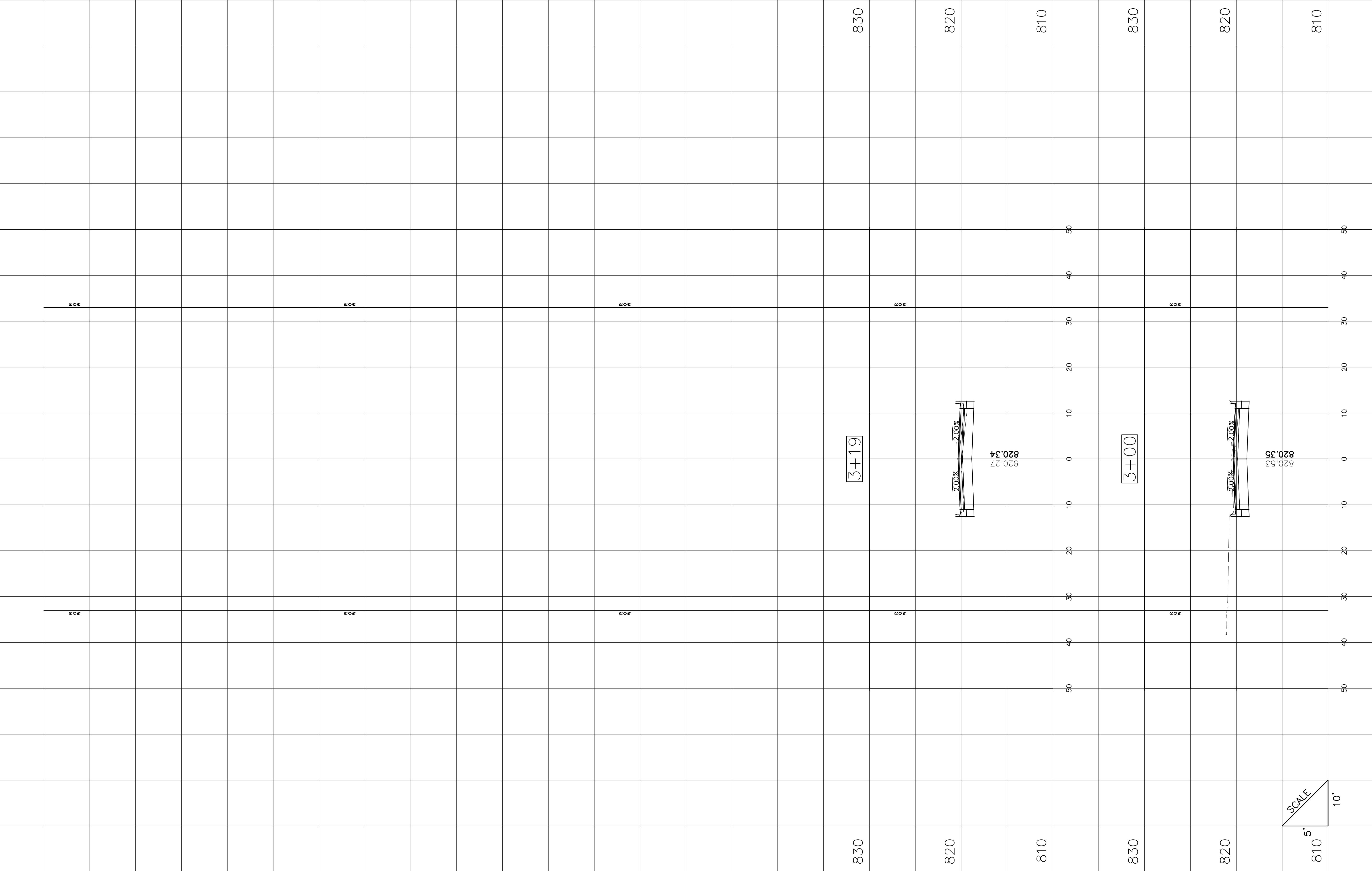
VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Infrastructure Improvements Project
Cross Sections - Chelmsford PI

SHEET NO. 2 OF 3 SHEETS STA. 3+00 TO STA 3+19

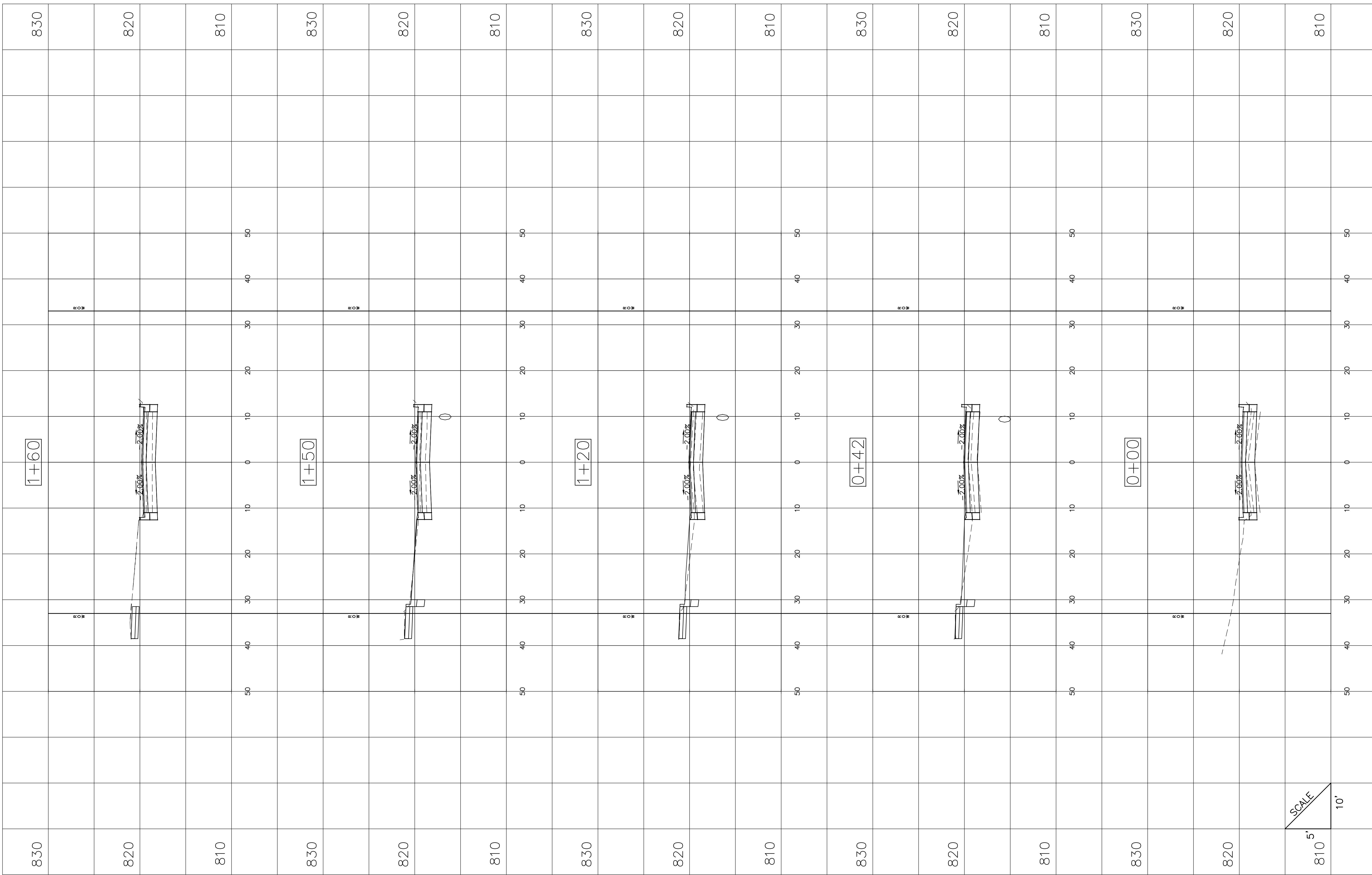
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
22-00110-00-RS	Cook	54	49	

SCALE
810' 5'
810' 10'



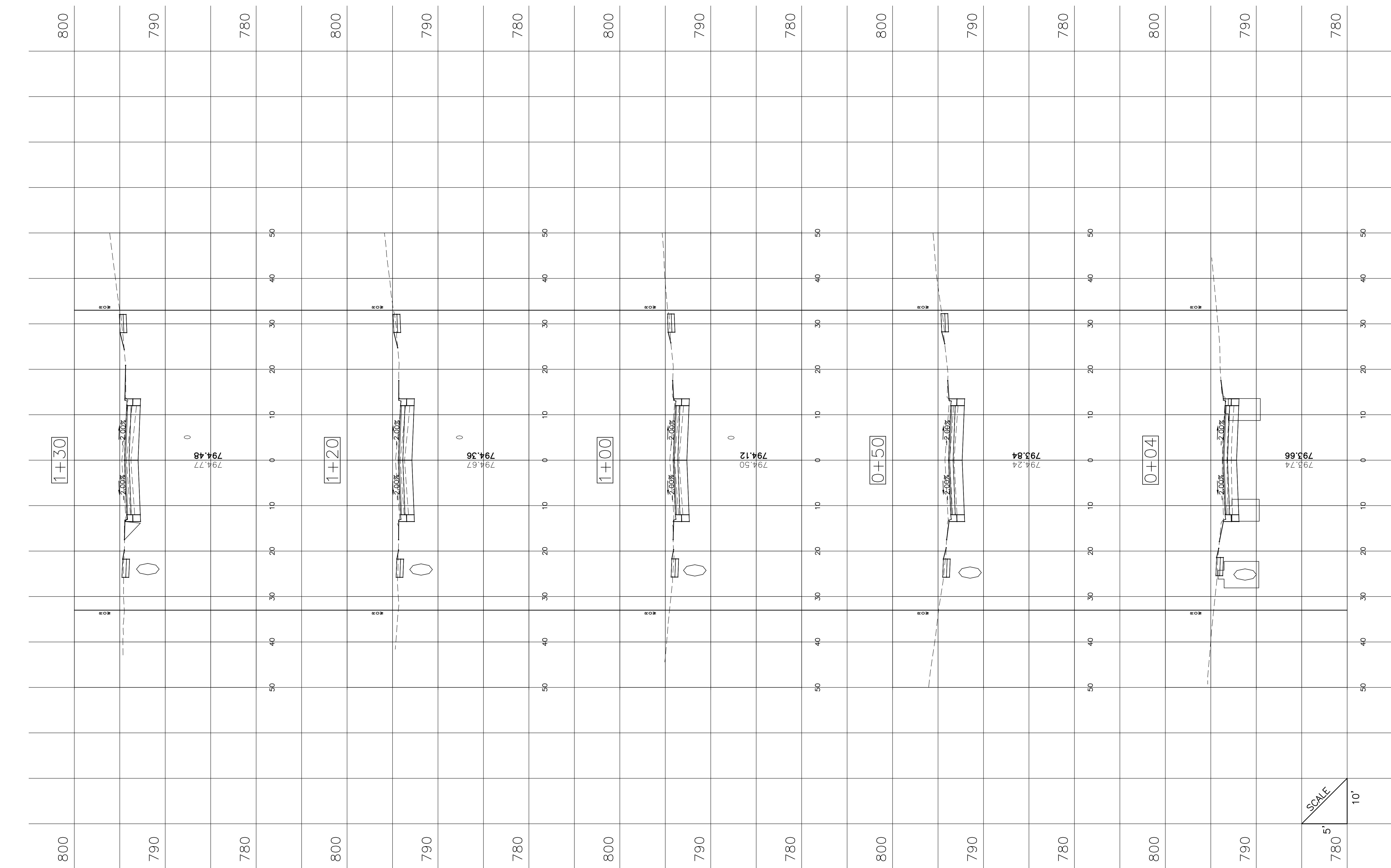
PROFILE	SURVEYED _____ PLOTTED _____	DATE _____	BY _____	DATE _____
NOTE BOOK NO. _____	GRADES _____ B.M. NOTED _____ STRUCTURE _____	CHECKED _____	NOTATNS _____	CH'KD _____

PLAN	SURVEYED _____
	PLOTTED _____
NOTE BOOK	ALIGNMENT CHECKED _____
NO. ____	RT. OF WAY CHECKED _____
	CADDFILE NAME _____



PROFILE	SURVEYED	DATE	BY	DATE
	PILOTED			
NOTE	BOOK	GRADES	CHECKED	
	NO.	B.M.	NO.	ED.
		STRUCTURE	NOTATNS	CHKD

PLAN	SURVEYED	DATE	BY	DATE
	PILOTED			
NOTE	BOOK	ALIGNMENT	CHECKED	
	NO.	ROW	NO.	ED.
		OF	WA	NAME
		ROW	NO.	NAME



FILE NAME =
Nogales X-Sections.dwg

DESIGNED - AVL

DRAWN - AVL

CHECKED - AJW

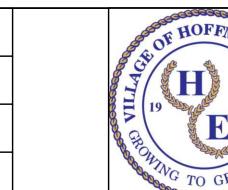
DATE - 12/22/25

REVISED -

REVISED -

REVISED -

REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Infrastructure Improvements Project
Cross Sections - Nogales St

SHEET NO. 1 OF 4 SHEETS STA. 0+00 TO STA 1+30

F.A.U.
RTE. 26-00120-00-PV

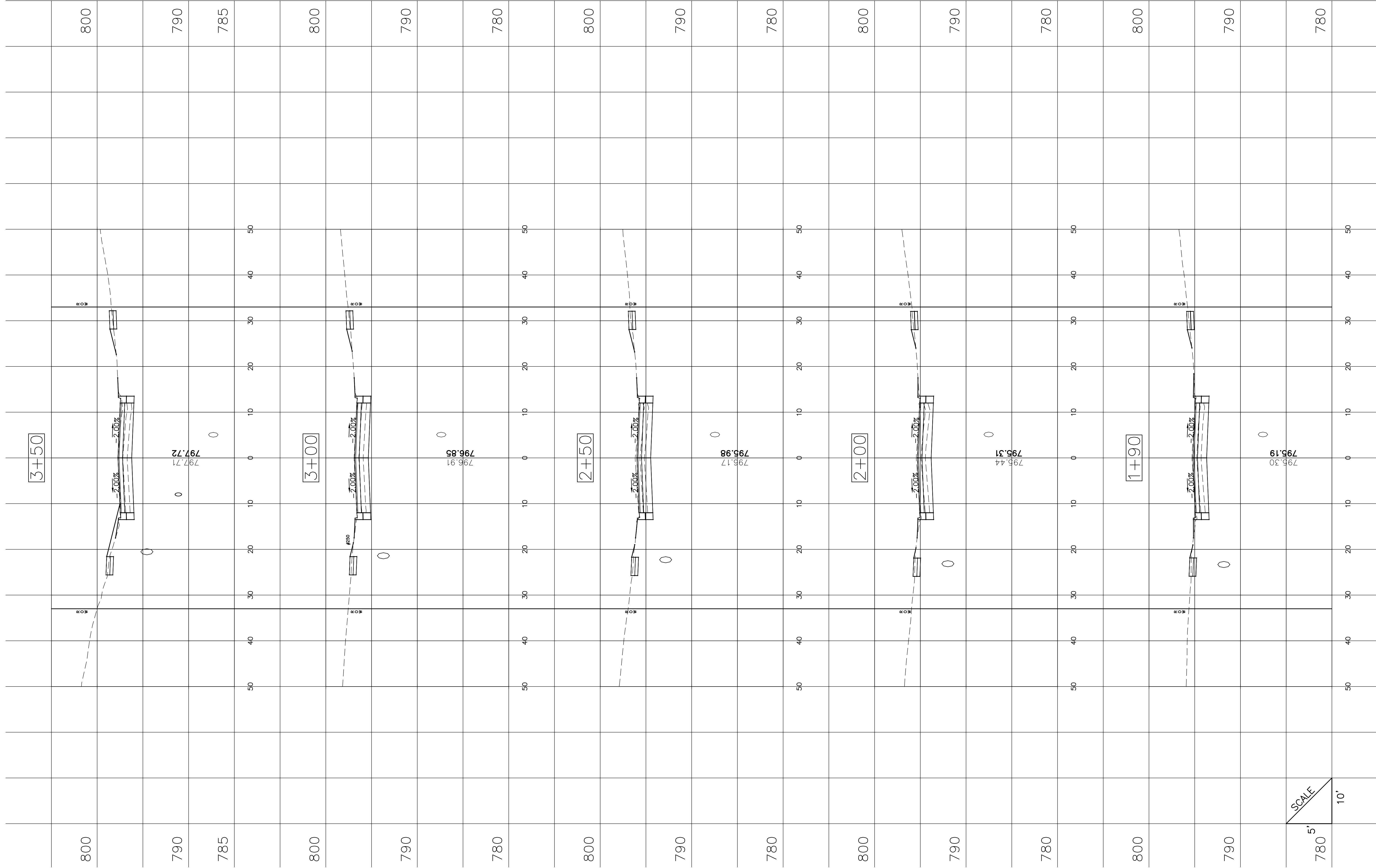
SECTION COUNTY TOTAL SHEETS SHEET NO.

Cook 54 51

ILLINOIS

PLAN	SURVEYED	DATE	BY	DATE
NOTE, BOOK	PLOTED	ALIGNMENT	CHEKED	ROUTE OF WAY
NO.				
CABOT, T. NAME				

PROFILE	SURVEYED	DATE	BY	DATE
NOTE, BOOK	PLOTED	GRADE CHECKED	STRUCTURE NO.	NOTATNS CHKD
NO.				



FILE NAME =
Nogales X-Sections.dwg

DESIGNED - AVL

DRAWN - AVL

CHECKED - AJW

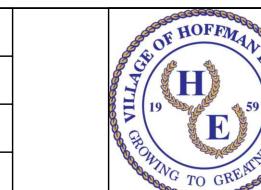
DATE - 12/22/25

REVISED -

REVISED -

REVISED -

REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Infrastructure Improvements Project
Cross Sections - Nogales St

SHEET NO. 2 OF 4 SHEETS STA. 1+90 TO STA 3+50

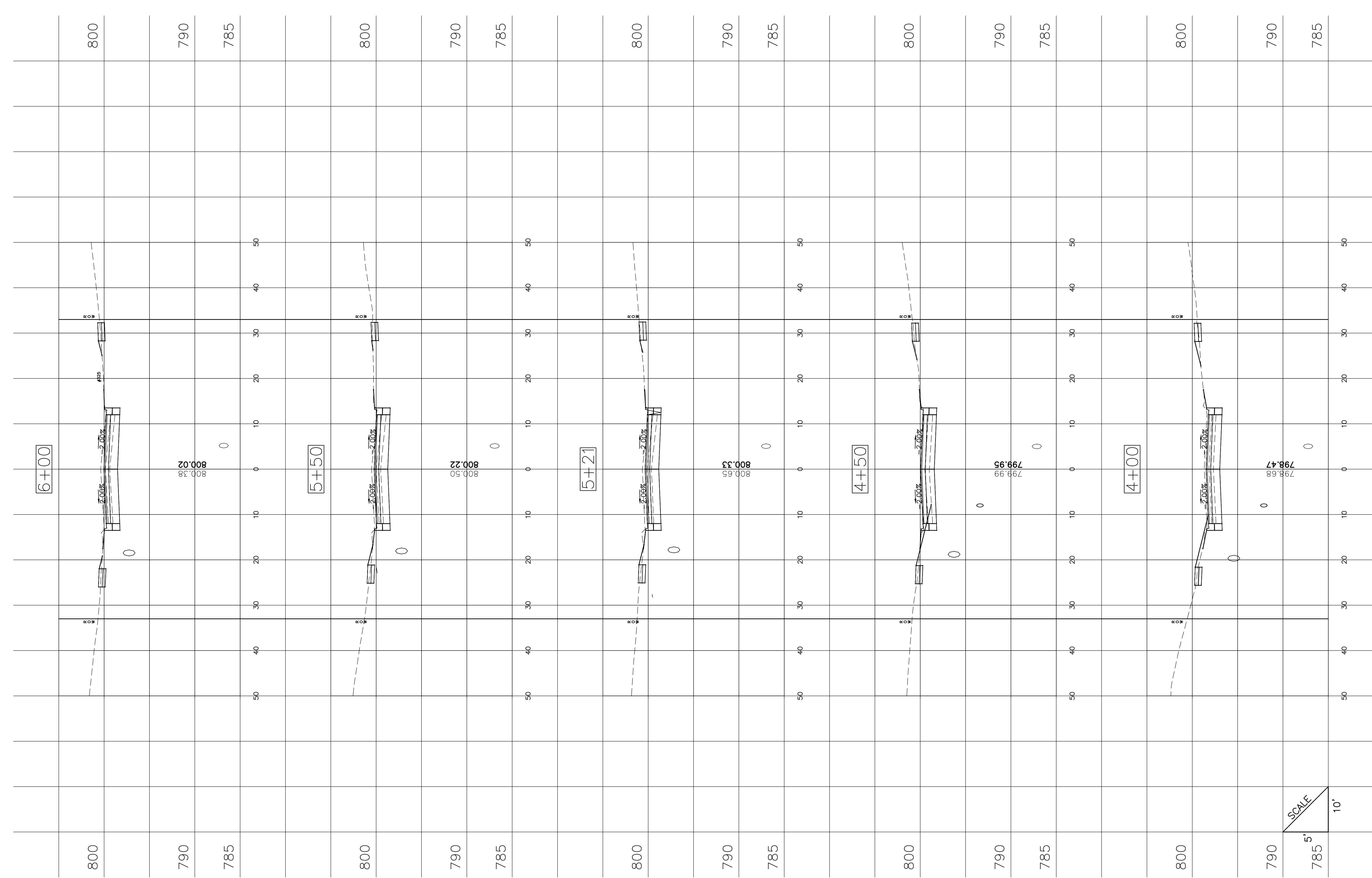
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SCHEET NO.
26-00120-00-PV	Cook	54	52	

ILLINOIS

PROFILE	SURVEYED	DATE	BY	DATE
	PILOTED			
NOTE	BOOK	GRADES	CHECKED	
	NO.	BLK.	NO.	NOTATNS
		ED.	ED.	CHKD

PLAN	SURVEYED	
	PILOTED	
NOTE	BOOK	ALIGNMENT
		CHECKED
		R'D OF STA
		CHECKED
		NAME
		NO.

PLAN	SURVEYED	
	PILOTED	
NOTE	BOOK	ALIGNMENT
		CHECKED
		R'D OF STA
		CHECKED
		NAME
		NO.



FILE NAME =
Nogales X-Sections.dwg

DESIGNED - AVL

DRAWN - AVL

CHECKED - AJW

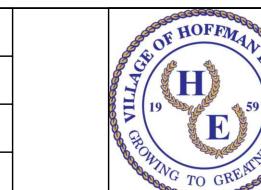
DATE - 12/22/25

REVISED -

REVISED -

REVISED -

REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Infrastructure Improvements Project
Cross Sections - Nogales St

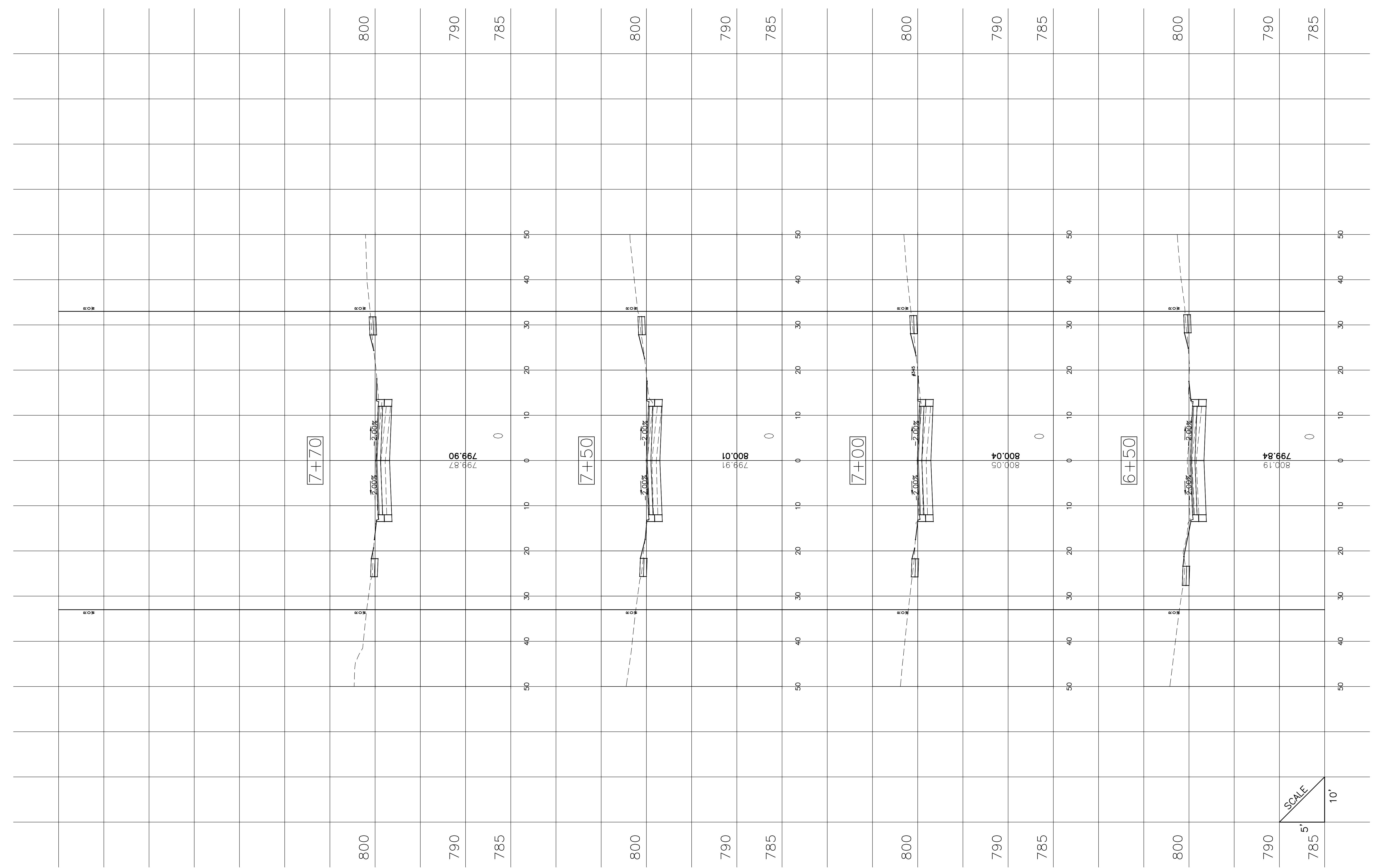
SHEET NO. 3 OF 4 SHEETS STA. 4+00 TO STA 6+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
	26-00120-00-PV	Cook	54	53

ILLINOIS

PLAN	SURVEYED	DATE	BY	DATE
NOTE	BOOK	PLOTTED	ALIGNMENT	CHECKED
NO.	NO.	RTD	NAME	RTD OF NAME CHECKED

PROFILE	SURVEYED	DATE	BY	DATE
NOTE	BOOK	PLOTTED	GRADES	CHECKED
NO.	NO.	RTD	NAME	RTD OF NAME



FILE NAME =
Nogales X-Sections.dwg

DESIGNED - AVL
DRAWN - AVL
CHECKED - AJW
DATE - 12/22/25

REVISED -
REVISED -
REVISED -
REVISED -

REVISED -
REVISED -
REVISED -
REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Infrastructure Improvements Project
Cross Sections - Nogales St
SHEET NO. 4 OF 4 SHEETS STA. 6+50 TO STA 7+70

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
26-00120-00-PV	Cook	54	54	
ILLINOIS				

SCALE
5'
785