

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	N/A	DUPAGE	22	1
		ILLINOIS	CONTRACT NO.	

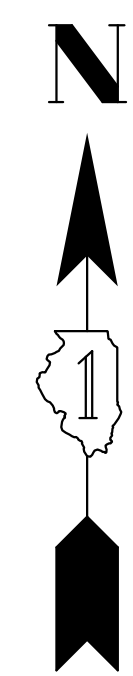
VILLAGE OF VILLA PARK, ILLINOIS

HARVARD AVENUE IMPROVEMENTS (CDBG)

JEFFERSON PARK TO PLYMOUTH STREET

DUPAGE COUNTY, ILLINOIS

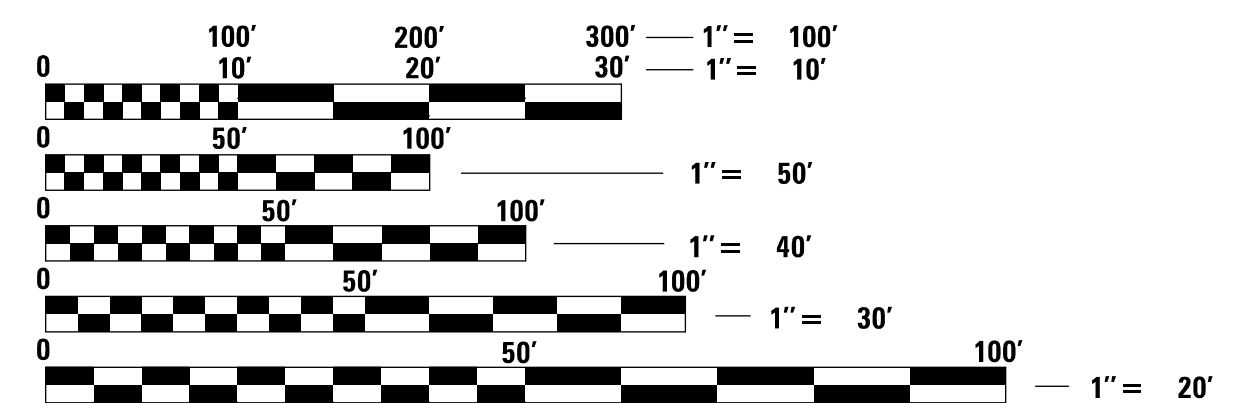
FOR INDEX OF SHEETS, SEE SHEET NO. 2



THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/DIRECTION AND MEANS/METHODS OF CONSTRUCTION

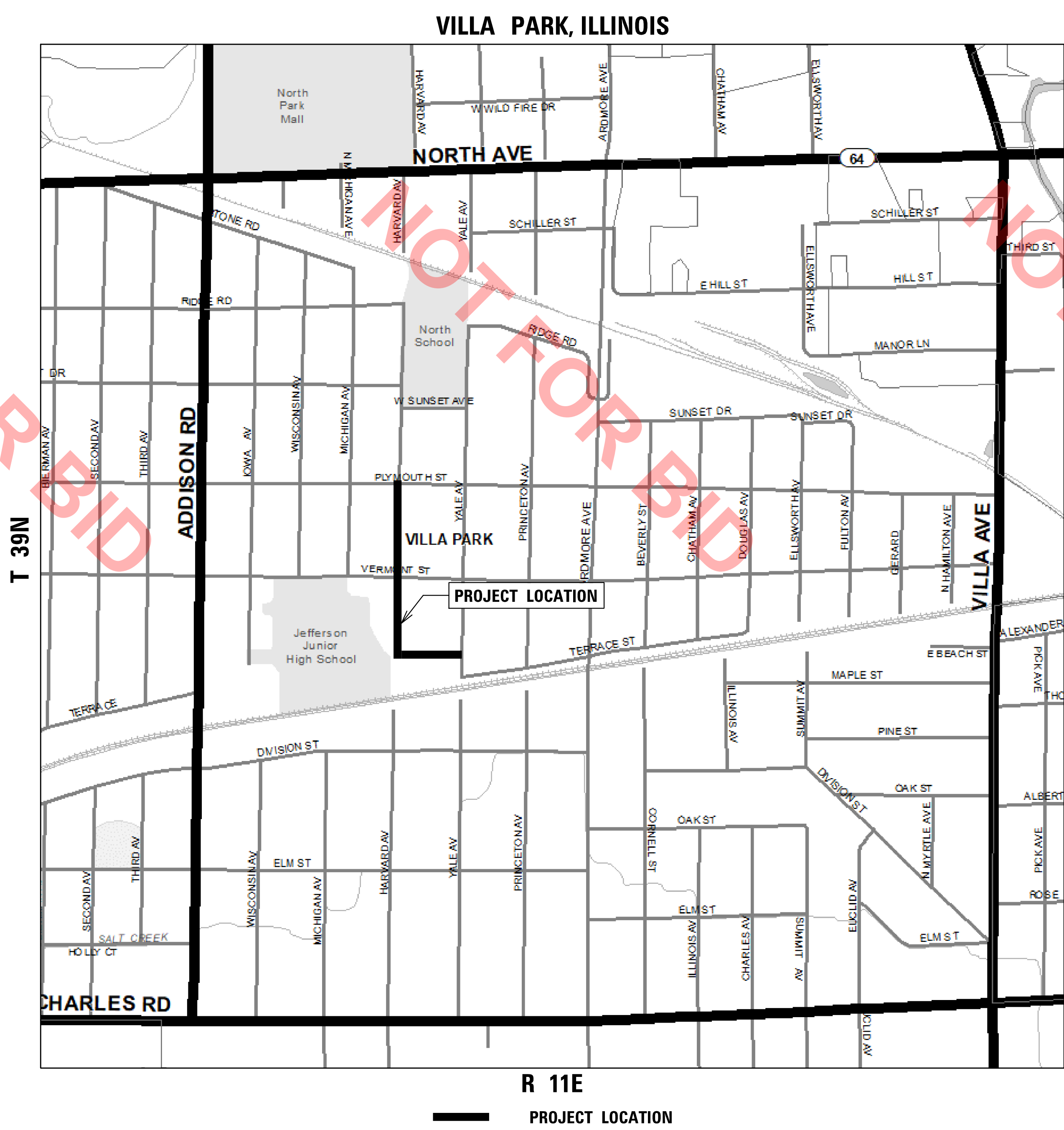
SCALES

- PLAN 1" = 20'
- PROFILE HORIZ. 1" = 20'
- PROFILE VERT. 1" = 5'



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.

J.U.L.I.E. CALL JULIE 811 WITH THE FOLLOWING:
 COUNTY: DUPAGE
 CITY-TOWNSHIP: VILLA PARK
 48 HOURS BEFORE YOU DIG. EXCLUDING SAT., SUN., & HOLIDAYS



GROSS LENGTH = 1610.00 FT. = 0.31 MILES
NET LENGTH = 1610.00 FT. = 0.31 MILES

ALEX J. SCHAEFER
 062-071146 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS
 DATE: 11/9/2020
 ALEX SCHAEFER, PE
 ILLINOIS REGISTRATION NO. 062-071146
 EXPIRATION DATE: 11/30/21

CB **CHRISTOPHER B. BURKE ENGINEERING, LTD.**
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500
 PROFESSIONAL DESIGN FIRM NO. 184-001175
 EXPIRATION DATE: 04/30/21

GENERAL NOTES

INDEX OF SHEETS

DESCRIPTION	SHEET NO.
TITLE SHEET	1
INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES	2
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HIGHWAY STANDARDS

000001-07 - STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-11 - PERPENDICULAR CURB RAMPS FOR SIDEWALKS
602601-06 - PRECAST REINFORCED CONCRETE FLAT SLAB TOP (ONLY IF APPROVED IN FIELD BY ENGINEER)
602701-02 - MANHOLE STEPS
604001-05 - FRAME AND LIDS TYPE 1
604051-04 - FRAME AND GRATE TYPE 11
606001-07 - CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701301-04 - LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-06 - URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06 - SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08 - TRAFFIC CONTROL DEVICES
780001-05 - TYPICAL PAVEMENT MARKINGS

SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED APRIL 1, 2016; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE LATEST REVISION; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD), "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" JUNE 2014 SEVENTH EDITION, THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.
- ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS AND SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST IDOT HIGHWAY STANDARD.
- CODES OF THE IEPA TITLE 35, AND O.S.H.A. SHALL BE ADHERED TO FOR THE CONSTRUCTION OF THIS PROJECT. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE ADHERENCE TO THESE (NOT THE VILLAGE'S OR THE ENGINEER'S).
- ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 700 OF THE STANDARD SPECIFICATIONS.
- ALL REQUIRED PERMITS FROM THE PROPER GOVERNING AGENCY SHALL BE OBTAINED FOR CONSTRUCTION ALONG OR ACROSS EXISTING STREETS OR HIGHWAYS. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR THE PROPER BRACING, SHEETING, SHORING AND OTHER REQUIRED PROTECTION OF ALL ROADWAYS BEFORE CONSTRUCTION BEGINS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE STREETS OR ROADWAYS AND ASSOCIATED STRUCTURES AND SHALL MAKE REPAIRS AS NECESSARY TO THE SATISFACTION OF THE AGENCY, AT THE CONTRACTOR'S OWN EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE SIGNS AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC.

UTILITIES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.
- THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER SERVICE LINES AND OTHER UTILITY LINES ARE APPROXIMATE, AND THE VILLAGE DOES NOT GUARANTEE THEIR ACCURACY. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES AND SEWER EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY SEWER OR UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR VILLAGE. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.
- BEFORE STARTING ANY EXCAVATING, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 811 OR AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, CABLE AND GAS FACILITIES AND THE VILLAGE OF VILLA PARK FOR FIELD LOCATIONS OF BURIED WATER, SANITARY AND STORM FACILITIES (2 WORKING DAYS ADVANCE NOTIFICATION IS REQUIRED).
- THE PUBLIC WORKS DEPARTMENT AT 630-834-8505 SHALL BE NOTIFIED 48 HOURS PRIOR TO CONSTRUCTION AND ALL TESTING.
- ALL UTILITY CONNECTIONS TO EXISTING LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REGULATIONS AND TO THE SATISFACTION OF THE UTILITY OWNER.

STAKING

- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE VILLAGE, THE VILLAGE'S AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

WATER, STORM SEWER AND SANITARY SEWER

- WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF UTILITY STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED IMMEDIATELY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLAN, IF NECESSARY, AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER.
- ANY EXISTING OR PROPOSED UTILITY DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE VILLAGE.
- THE COST OF CONNECTING EXISTING STORM SEWER TO THE PROPOSED DRAINAGE SYSTEM AND CONNECTING PROPOSED STORM SEWER TO EXISTING STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR STORM SEWERS. HOWEVER, THE NECESSARY PIPE WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "STORM SEWER" OF THE TYPE AND SIZE REQUIRED.
- THE CONTRACTOR SHALL CONFIRM ALL EXISTING STORM SEWER PIPE SIZES AND INVERTS PRIOR TO ORDERING STRUCTURES. ANY MODIFICATIONS OF STRUCTURES DUE TO THE FAILURE OF THE CONTRACTOR TO PERFORM THIS TASK SHALL BE AT THE CONTRACTOR'S EXPENSE AND MAY LEAD TO THE REJECTION OF THE STRUCTURE IN THE FIELD.
- ADJUST MANHOLE OR VAULT RIM ELEVATIONS TO FINAL GRADE AT TIME OF FINAL PAVING OR LANDSCAPING. ADJUSTMENT OF NEW STRUCTURES TO FINAL GRADE IS INCLUDED IN THE COST OF THE NEW STRUCTURE REGARDLESS OF THE AMOUNT OF TIMES ADJUSTMENT MUST BE MADE.
- WHEN CONNECTION TO AN EXISTING SEWER MAIN IS MADE BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, THE FOLLOWING METHOD SHALL BE USED:
 - CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUB-WYE SADDLE OR HUB-TEE SADDLE.
- ALL WATER FROM THE TRENCH AND PIPELINES WILL BE PUMPED OUT BY THE CONTRACTOR AND DISPOSED OF IN SUCH A MANNER THAT IT WILL NOT INTERFERE OR DAMAGE THE WORK OF THIS OR OTHER CONTRACTORS PUMPING SHALL BE CONTINUOUS (24 HOURS A DAY, SEVEN DAYS A WEEK) AS LONG AS SUFFICIENT WATER COLLECTS TO WARRANT THIS. STORM SEWERS IN THE AREA MAY BE USED TO DISPOSE OF THE WATER COLLECTED, IF APPROVED BY THE VILLAGE.
- ALL BEDDING AND BACKFILL MATERIAL SHALL BE OF VIRGIN MATERIAL.
- ANY PORTIONS OF STORM SEWER AND MISSION COUPLINGS NEEDED TO CONNECT (EXTEND) EXISTING STORM SEWER TO PROPOSED STORM SEWERS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE SEWER. PROPOSED STORM SEWER SHALL BE STORM SEWER OF TYPE AND SIZE REQUIRED.

BACKFILL

- STORM SEWER SHALL BE BACKFILLED IN ACCORDANCE WITH THE VILLAGE OF VILLA PARK STANDARD DETAIL FOR PIPE INSTALLATION.

- ALL TRENCH BACKFILL QUANTITIES FOR STORM SEWER HAVE BEEN COMPUTED AND SHALL BE PAID FOR IN ACCORDANCE WITH THE VILLAGE OF VILLA PARK STANDARD FOR PIPE INSTALLATION. TRENCH WIDTH SHALL BE IN ACCORDANCE WITH ARTICLE 550.04 OF THE STANDARD SPECIFICATIONS.
- ALL SANITARY SEWERS, WATER MAINS AND STORM SEWERS MUST BE PLACED ON PROPERLY COMPACTED BEDDING. BEDDING MATERIAL SHALL BE PLACED A MINIMUM OF 4 INCHES THICK UNDER THE BARREL OF THE PIPE AND SHALL BE EXTENDED 12" OVER THE TOP OF PIPE. BEDDING MATERIAL SHALL BE CRUSHED GRAVEL OR STONE MEETING GRADATION CA-7 OR CA-11. BEDDING SHALL BE INCLUDED IN THE COST OF THE PIPE.
- TRENCH BACKFILL MATERIAL (CA-6 CRUSHED STONE) SHALL BE PLACED FROM 12" OVER THE TOP OF THE PIPE AND COMPACTED TO 95% OF STANDARD MAXIMUM DENSITY (A.S.T.M. D-698) OVER ALL UNDERGROUND UTILITIES WHICH ARE CONSTRUCTED UNDER, OR WITHIN 2 FEET OF ANY PROPOSED OR EXISTING PAVEMENT, PARKING LOTS, OR SIDEWALKS. TRENCH BACKFILL SHALL BE MECHANICALLY COMPACTED IN 8" MAXIMUM LIFTS.
- ANY TRENCH BACKFILL REQUIRED IN EXCESS OF THE QUANTITY ESTABLISHED IN ACCORDANCE WITH THE VILLAGE STANDARD DETAIL FOR PIPE INSTALLATION, INCLUDING BEDDING MATERIAL, SHALL BE INCLUDED IN THE COST OF THE ITEM BEING INSTALLED.

MISCELLANEOUS

- DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
- BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED (ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL).
- RELOCATING EXISTING SIGNS: EXISTING SIGNS, EXCLUDING STOP SIGNS, WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED AND REINSTALLED UPON COMPLETION OF CONFLICTING IMPROVEMENTS IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" AND THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS". ALL STOP SIGNS IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE IMMEDIATELY RELOCATED UNTIL COMPLETION OF CONFLICTING IMPROVEMENTS. UPON COMPLETION OF CONFLICTING IMPROVEMENTS, STOP SIGNS SHALL BE REINSTALLED AT THE PROPER LOCATION. STOP SIGNS SHALL BE VISIBLE TO MOTORISTS AT ALL TIMES. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION.
- PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, THE WORK IS NOT REQUIRED, THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- CONTRACTOR SHALL NOT PLACE SOD UNTIL THE TEMPERATURE IS 80° OR LESS AND THE FORECAST FOR THE NEXT 7 DAYS SHOWS TEMPERATURES OF 80° OR LESS. IF ALL OTHER PAY ITEMS ARE COMPLETED, THE CONTRACTOR WILL NOT BE CHARGED WORKING DAYS FOR DELAYS IN PARKWAY RESTORATION DUE TO TEMPERATURE.
- THE SAFE AND ORDERLY PASSAGE OF TRAFFIC AND PEDESTRIANS SHALL BE PROVIDED WHERE OPERATIONS ABOUT PUBLIC THROUGHFARES AND ADJACENT PROPERTY.
- NO BURNING OR INCINERATION OF RUBBISH WILL BE PERMITTED ON SITE.
- NO CONSTRUCTION ACTIVITY SHALL BEGIN UNTIL ALL PROPER SIGNS AND BARRICADES HAVE BEEN INSTALLED.
- ALL REMOVAL OR EXCAVATION ITEMS BEING DISPOSED OF AT AN UNCONTAMINATED SOIL FILL OPERATION OR CLEAN CONSTRUCTION AND DEMOLITION DEBRIS (CCDD) FILL SITE SHALL MEET THE REQUIREMENTS OF PUBLIC ACT 96-1416. ALL COSTS ASSOCIATED WITH MEETING THESE REQUIREMENTS SHALL BE INCLUDED IN THE UNIT PRICE COST FOR THE ASSOCIATED REMOVAL OR EXCAVATION ITEMS IN THE CONTRACT. THESE COSTS SHALL INCLUDE BUT ARE NOT LIMITED TO ALL REQUIRED TESTING, LAB ANALYSIS, CERTIFICATION BY A LICENSED PROFESSIONAL ENGINEER, AND STATE AND LOCAL TIPPING FEES. A COPY OF IEPA LPC 663 CAN BE ACCESSED ON THE VILLAGE OF VILLA PARK WEBSITE, OR BY CONTACTING THE PUBLIC WORKS DEPARTMENT.

- PRECONSTRUCTION MEETING WILL BE HELD AT LEAST 7 DAYS PRIOR TO START OF CONSTRUCTION.
- ALL PERMITS AND LICENSES MUST BE OBTAINED PRIOR TO START OF CONSTRUCTION.
- RESIDENTS SHALL HAVE ACCESS TO THE ROAD AND ALL DRIVEWAYS AT THE END OF EACH WORKING DAY. ALL TRENCHES SHALL BE BACKFILLED AT THE END OF EACH WORKING DAY.
- NO STOCKPILES OF MATERIAL WILL BE ALLOWED OVERNIGHT.
- AT THE END OF EACH DAY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASSURE THAT ALL STREETS ADJACENT TO THE PROJECT ARE FREE OF ALL CONSTRUCTION RELATED DEBRIS INCLUDING DIRT, STONE, NAILS, ETC. THE WORK SHALL BE DONE TO THE SATISFACTION OF THE ENGINEER AND VILLAGE OF VILLA PARK.

IEPA WATER MAIN PROTECTION NOTES

HORIZONTAL SEPARATION

- WATER MAINS SHALL BE LAID AT LEAST TEN (10'-0") FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED DRAIN, STORM SEWER, SANITARY SEWER, OR SEWER SERVICES CONNECTION.
- WATER MAINS MAY BE LAID CLOSER THAN TEN (10'-0") FEET TO A SEWER LINE WHEN:
 - LOCAL CONDITIONS PREVENT A LATERAL SEPARATION OF TEN (10'-0") FEET;
 - THE WATER MAIN INVERT IS AT LEAST EIGHTEEN (18") ABOVE THE CROWN OF THE SEWER; AND
 - THE WATER MAIN IS EITHER IN A SEPARATE TRENCH OR IN THE SAME TRENCH ON AN UNDISTURBED EARTH SHELF LOCATED TO ONE SIDE OF THE SEWER.
- BOTH THE WATER MAIN AND DRAIN OR SEWER SHALL BE CONSTRUCTED WITH PIPE EQUIVALENT TO WATER MAIN STANDARDS OF CONSTRUCTION WHEN IT IS IMPOSSIBLE TO MEET 1. OR 2. ABOVE. THE DRAIN OR SEWER SHALL BE PRESSURE TESTED TO THE MAXIMUM EXPECTED SURCHARGE HEAD BEFORE BACKFILLING.

VERTICAL SEPARATION

- A WATER MAIN SHALL BE LAID SO THAT ITS INVERT IS EIGHTEEN (18") INCHES ABOVE THE CROWN OF THE DRAIN OR SEWER WHENEVER WATER MAINS CROSS STORM SEWERS, SANITARY SEWERS, OR SEWER SERVICE CONNECTIONS. THE VERTICAL SEPARATION SHALL BE MAINTAINED FOR THAT PORTION OF THE WATER MAIN LOCATED WITHIN TEN (10'-0") FEET HORIZONTALLY OF ANY SEWER OR DRAIN CROSSED. A LENGTH OF WATER MAIN PIPE SHALL BE ENTERED OVER THE SEWER TO BE CROSSED WITH JOINTS EQUIDISTANCE FROM THE SEWER OR DRAIN.
- BOTH THE WATER MAINS AND SEWER SHALL BE CONSTRUCTED WITH SEWER PIPE EQUIVALENT TO WATER MAIN STANDARDS OF CONSTRUCTION WHEN:
 - IT IS IMPOSSIBLE TO OBTAIN THE PROPER VERTICAL SEPARATION AS DESCRIBED IN 1. ABOVE; OR
 - THE WATER MAIN PASSES UNDER A SEWER OR DRAIN.
- A VERTICAL SEPARATION OF EIGHTEEN (18") INCHES BETWEEN THE INVERT OF THE SEWER OR DRAIN AND THE CROWN OF THE WATER MAIN SHALL BE MAINTAINED WHERE A WATERMAIN CROSSES UNDER A SEWER. SUPPORT THE SEWER OR DRAIN LINES TO PREVENT SETTLING AND BREAKING THE WATER MAIN.
- CONSTRUCTION SHALL EXTEND ON EACH SIDE OF THE CROSSING UNTIL THE NORMAL DISTANCE FROM THE WATERMAIN TO THE SEWER OR DRAIN LINE IS AT LEAST TEN (10'-0") FEET.

FOR SEWER AND WATER MAIN CROSSINGS, REINFORCED CONCRETE PIPE WITH RUBBER GASKETS MEETING ASTM C-443 SHALL BE ALLOWED.

UTILITY COORDINATION

UTILITY COMPANY	AT&T (Distribution)	Comcast	ComEd	DuPage Water Commission
Address:	1000 Commerce Drive, Floor 1 Oak Brook, IL 60523	688 Industrial Drive Elmhurst, IL 60126	One Lincoln Centre Oak Brook Terrace, IL 60181	600 E. Butterfield Road Elmhurst, IL 60126
Contact Person:	Larry Smith	Robert Stoll	Likowo Ndobedi	Ken Niles
Phone #	630-573-5789	224-229-5849	630-576-7094	630-516-1932
Comments:	PROPOSED WATER MAIN CROSSES ABOVE EXISTING 900 PAIR CABLE AT APPROX. STA 111+00. NO RELOCATIONS ANTICIPATED.	AERIAL FACILITIES ONLY WITHIN PROJECT LIMITS. NO CONFLICTS ANTICIPATED.	AERIAL AND UNDERGROUND FACILITIES IN PROJECT LIMITS. PROPOSED WATER MAIN CROSSES BENEATH EXISTING UNDERGROUND AT APPROX. STA 12+30. NO CONFLICTS ANTICIPATED.	CLEAR
UTILITY COMPANY	MCI - Verizon Business	Nicor	Sprint	Vinakom
Address:	7000 Weston Parkway Gary, North Carolina 27513	1844 Ferry Road Naperville, IL 60563-9600	7459 W. 79th St Bridgeview, IL 60455	860 Remington Road Schaumburg, IL 60173
Contact Person:		Joe Gaca	Jason Jarvis	Dicky Patel
Phone #		815-272-9242	219-433-4091	847-592-5785
Comments:	CLEAR	FACILITIES IN PROJECT AREA, POTENTIAL GAS SERVICE CONFLICTS TO BE INVESTIGATED AND RESOLVED BY NICOR.	CLEAR	CLEAR

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

CLIENT:



VILLAGE OF VILLA PARK
20 S. Ardmore Ave.
Villa Park, IL 60181-2696

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:
FILE NAME	N:\VILLAPARK\140092.000\9\Civil\HARVARD_SOUTH\NOT_140092_HARV_PLYMOUTH_S_01.SHT			

TITLE: **HARVARD AVENUE IMPROVEMENTS
JEFFERSON PARK TO PLYMOUTH ST.
INDEX OF SHEETS, HIGHWAY
STANDARDS, AND GENERAL NOTES**

PROJ. NO. 140092.00019

DATE: 11/9/2020

SHEET 2 OF 22

DRAWING NO.

NOT-1

SUMMARY OF QUANTITIES

SP	ITEM NO.	PAY ITEM NAME	UNITS	TOTAL QUANTITY
	1	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	30
	2	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	60
#	3	TREE TRUNK PROTECTION	EACH	31
#	4	TREE ROOT PRUNING	EACH	16
	5	EARTH EXCAVATION	CU YD	664
	6	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	296
	7	POROUS GRANULAR EMBANKMENT	CU YD	296
#	8	TRENCH BACKFILL	CU YD	1605
	9	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	3462
	10	SUPPLEMENTAL WATERING	UNIT	105
#	11	INLET FILTERS	EACH	9
	12	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	3475
#	13	BITUMINOUS MATERIALS (TACK COAT)	POUND	821
	14	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	818
	15	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	409
#	16	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	244
#	17	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	64
#	18	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3944
#	19	DETECTABLE WARNINGS	SQ FT	220
#	20	PAVEMENT REMOVAL	SQ YD	3842
#	21	DRIVEWAY PAVEMENT REMOVAL	SQ YD	663
#	22	COMBINATION CURB AND GUTTER REMOVAL	FOOT	180
#	23	SIDEWALK REMOVAL	SQ FT	4114
#	24	DUCTILE IRON WATER MAIN 4"	FOOT	26
#	25	DUCTILE IRON WATER MAIN 6"	FOOT	160
#	26	DUCTILE IRON WATER MAIN 8"	FOOT	1709
#	27	DUCTILE IRON WATER MAIN 10"	FOOT	86
#	28	WATER VALVES 4"	EACH	1
#	29	WATER VALVES 6"	EACH	1
#	30	WATER VALVES 8"	EACH	5
#	31	WATER VALVES 10"	EACH	2
#	32	ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	FOOT	100
#	33	FIRE HYDRANTS TO BE REMOVED	EACH	2
#	34	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	7
	35	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1
	36	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	1
	37	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	EACH	1
#	38	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3
#	39	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
	40	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	2
#	41	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	7
#	42	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2
	43	FRAMES AND GRATES, TYPE 11	EACH	4

SP	ITEM NO.	PAY ITEM NAME	UNITS	TOTAL QUANTITY
#	44	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2248
#	45	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12	FOOT	126
#	46	NON-SPECIAL WASTE DISPOSAL	CU YD	25
	47	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	450
	48	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	130
#	49	VALVE VAULTS TO BE ABANDONED	EACH	2
#	50	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	28
#	51	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	1
#	52	TEMPORARY ACCESS (ROAD)	EACH	6
#	53	WATER MAIN LINE STOP 4"	EACH	2
#	54	WATER MAIN LINE STOP 6"	EACH	1
#	55	WATER MAIN LINE STOP 10"	EACH	2
#	56	SANITARY MANHOLES TO BE ADJUSTED	EACH	4
#	57	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
#	58	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	6
#	59	DRAINAGE STRUCTURE TO BE REMOVED	EACH	3
#	60	CLASS D PATCHES, SPECIAL, 6"	SQ YD	659
#	61	CONSTRUCTION LAYOUT	LSUM	1
#	62	CONTINGENCY ALLOWANCE	DOLLARS	25000
#	63	DUCTILE IRON WATER MAIN IN STEEL CASING PIPE 10"	FOOT	32
#	64	EXPLORATION TRENCH, SPECIAL	FOOT	50
#	65	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"	SQ YD	423
#	66	PARKWAY RESTORATION - SODDING, SALT TOLERANT	SQ YD	2313
#	67	PRE-CONSTRUCTION VIDEO RECORDING	LSUM	1
#	68	PROJECT SIGN	LSUM	1
#	69	SANITARY SERVICE CONNECTION	EACH	4
#	70	SANITARY SERVICE REPLACEMENT	FOOT	130
#	71	SANITARY SEWER SERVICE COMBINATION CLEANOUT CHECK VALVE	EACH	4
#	72	SANITARY SEWER, WATER MAIN QUALITY, 8"	FOOT	21
#	73	SHUTDOWN WATER MAIN CONNECTION	EACH	7
#	74	STEEL CASING PIPE 20" (OPEN CUT)	FOOT	32
#	75	STORM SEWERS, CLASS B (PVC), 6"	FOOT	21
#	76	STORM SEWERS, RUBBER GASKET, CLASS A (RCP), 12"	FOOT	298
#	77	TREE PRUNING	EACH	16
#	78	TREES	EACH	1
#	79	VALVE BOXES TO BE ABANDONED	EACH	4
#	80	WATER SERVICE CONNECTION (LONG), 1"	EACH	19
#	81	WATER SERVICE CONNECTION (SHORT), 1"	EACH	17
#	82	WATER USAGE CREDIT	TGAL	100
#	83	WATER USAGE DEDUCTION	TGAL	100

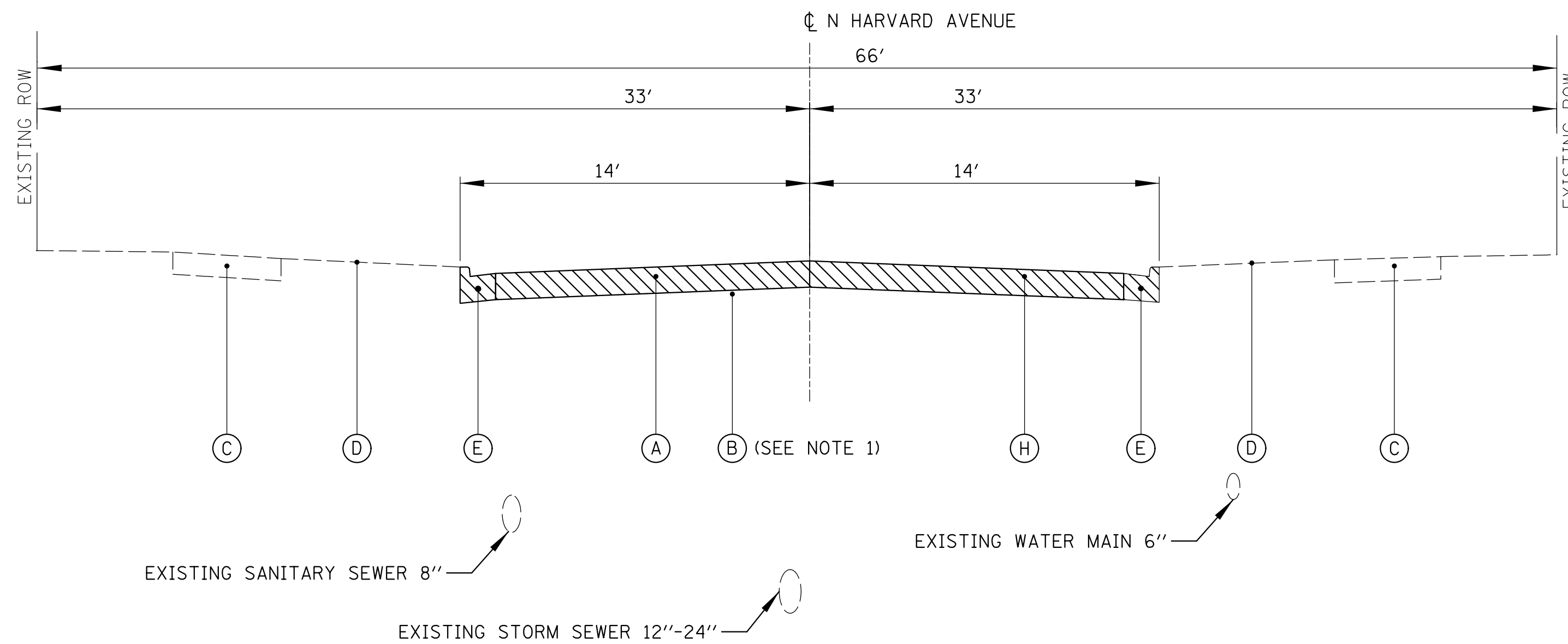
DENOTES SPECIAL PROVISION

FIRE HYDRANT SCHEDULE

FH #	STATION	OFFSET (FT)	L/RT
1	13+03.00	25.00	RT
2	10+53.00	16.00	RT
3	102+67.00	21.00	RT
4	105+31.00	19.00	RT
5	106+91.00	25.00	RT
6	109+51.00	25.00	RT
7	111+62.00	24.00	RT

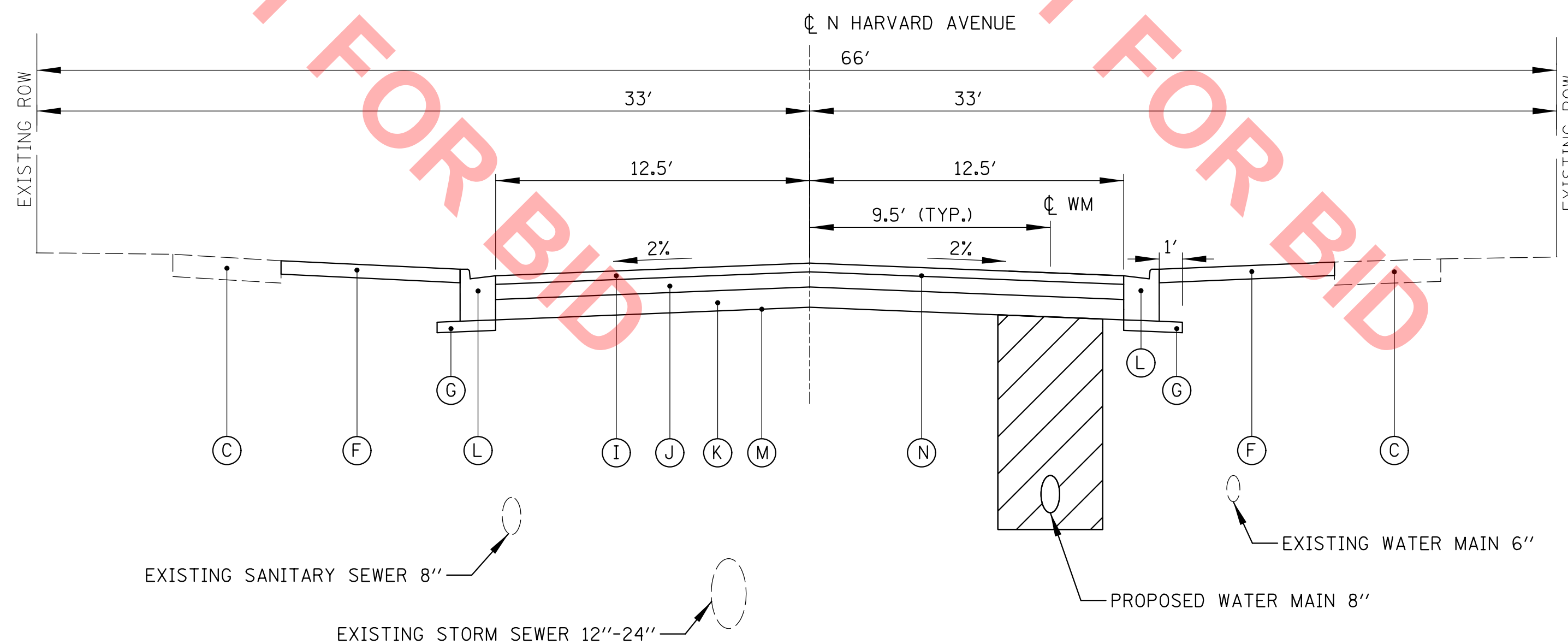
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NOT FOR BID



EXISTING TYPICAL SECTION

HARVARD AVENUE
JEFFERSON PARK TO PLYMOUTH STREET



PROPOSED TYPICAL SECTION

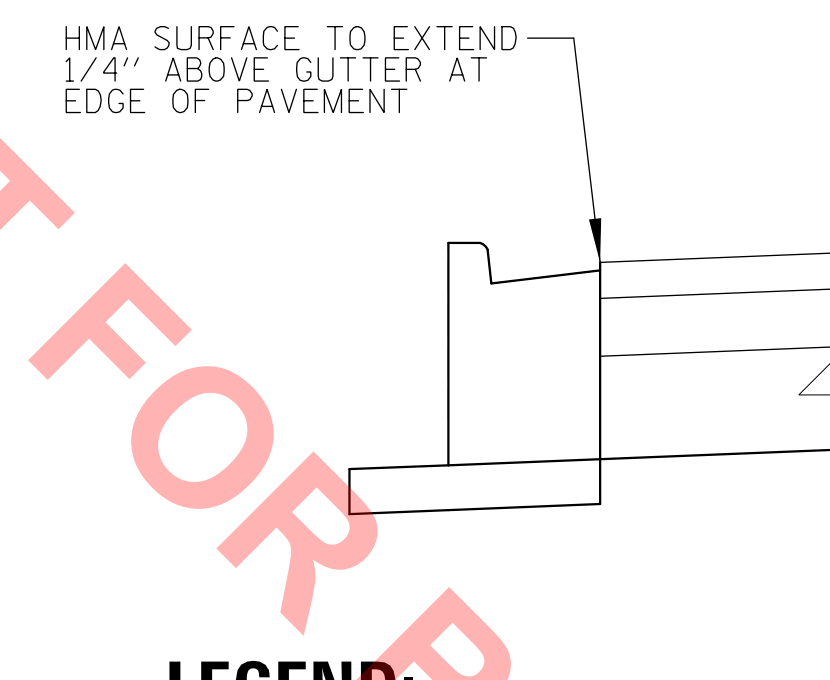
HARVARD AVENUE
JEFFERSON PARK TO PLYMOUTH STREET

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE ITEM	AIR VOIDS @ Ndes
ROADWAY PAVEMENT RECONSTRUCTION	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5 MM, N50, 2"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"	4% @ 50 GYR
DRIVEWAYS (RESIDENTIAL)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 MM), 1.5"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.5"	4% @ 50 GYR
CLASS D PATCHES (SPECIAL)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5 MM, N50, 2"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, 4"	4% @ 70 GYR

NOTES:

- 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 DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP AND RAS" SEE DISTRICT ONE SPECIAL PROVISIONS.

HMA SURFACE DETAIL



LEGEND:

- TRENCH BEDDING AND BACKFILL
- PAVEMENT REMOVAL
- (A) EXISTING PCC PAVEMENT (SEE SOIL BORINGS FOR THICKNESS)
- (B) EXISTING SUBBASE/SUBGRADE (SEE SOIL BORINGS), SEE NOTE 1
- (C) EXISTING CONCRETE SIDEWALK OR SIDEWALK REPLACEMENT (AS DIRECTED BY ENGINEER)
- (D) EXISTING TOPSOIL AND GROUND COVER
- (E) MONOLITHIC CURB AND GUTTER REMOVAL (MEASURED & PAID FOR AS PAVEMENT REMOVAL)
- (F) PARKWAY RESTORATION - SODDING, SALT TOLERANT
- (G) SUB-BASE GRANULAR MATERIAL (CA-6), 4" (INCLUDED IN COST OF PROPOSED CURB & GUTTER)
- (H) PAVEMENT REMOVAL
- (I) HMA SURFACE COURSE, MIX "D", IL-9.5, N50, 2"
- (J) HMA BINDER COURSE, IL-19.0, N50 4"
- (K) AGGREGATE BASE COURSE, TYPE B, 6"
- (L) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (M) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (N) BITUMINOUS MATERIALS (TACK COAT)

NOTES:

- THE EXCAVATION OF THE EXISTING ROADWAY SUBBASE/SUBGRADE BENEATH THE EXISTING PCC PAVEMENT AND MONOLITHIC CURB REQUIRED TO INSTALL THE PROPOSED PAVEMENT SECTION AND CURB AND GUTTER SHALL BE MEASURED AND PAID FOR AS EARTH EXCAVATION. ALL OTHER EARTH EXCAVATION SHALL BE INCLUDED IN THE COST OF THE ITEM REQUIRING IT. SEE SPECIAL PROVISIONS FOR MORE INFORMATION.

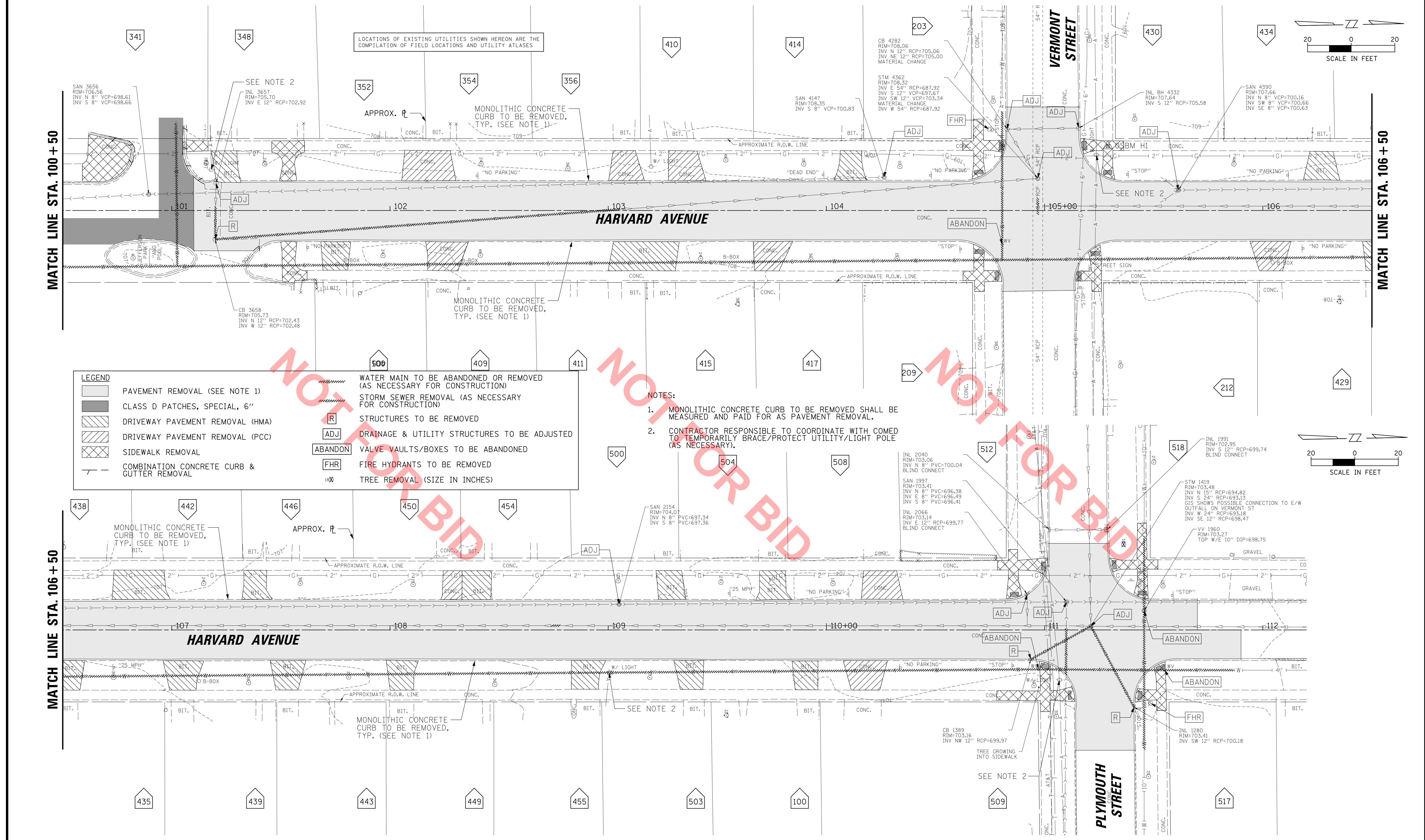
CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

CLIENT:
 VILLAGE OF VILLA PARK
20 S. Ardmore Ave.
Villa Park, IL 60181-2696

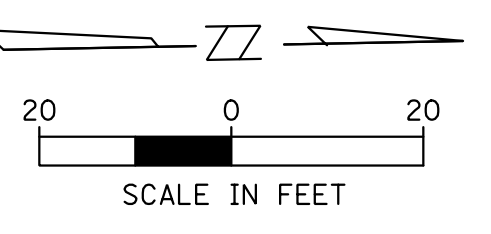
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FILE NAME	N:\VILLAPARK\140092.00019\CIVIL\HARVARD_SOUTH\TYP_140092_HARV_PLYMOUTH_S_01.SHT			

TITLE:
**HARVARD AVENUE IMPROVEMENTS
JEFFERSON PARK TO PLYMOUTH ST.
TYPICAL SECTIONS**

PROJ. NO. 140092.00019
DATE: 11/9/2020
SHEET 4 OF 22
DRAWING NO.
TYP-1



LOCATIONS OF EXISTING UTILITIES SHOWN HEREON ARE THE COMPILATION OF FIELD LOCATIONS AND UTILITY ATLASES

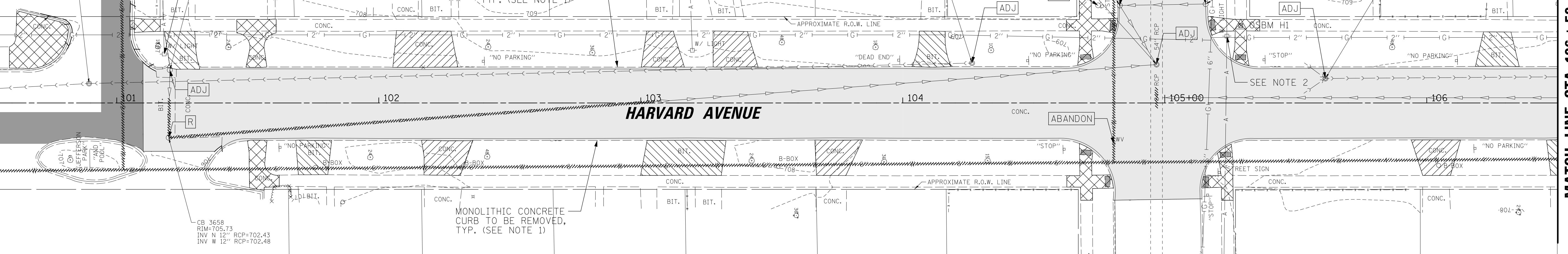


SEE NOTE 2
 SAN 3656
 RIM=706.56
 INV N 8" VCP=698.61
 INV S 8" VCP=698.66

MONOLITHIC CONCRETE CURB TO BE REMOVED, TYP. (SEE NOTE 1)

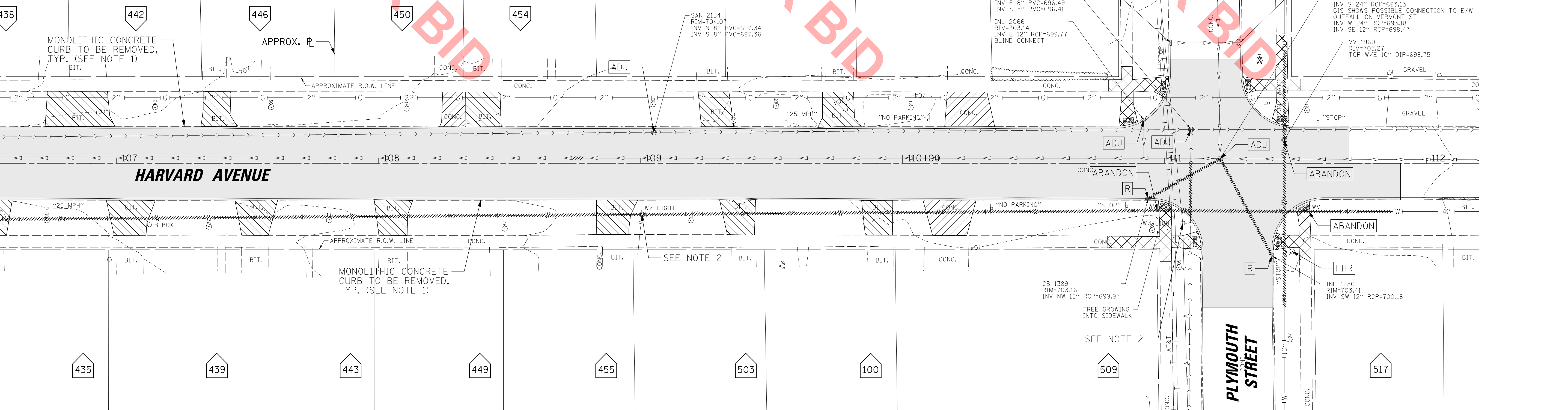
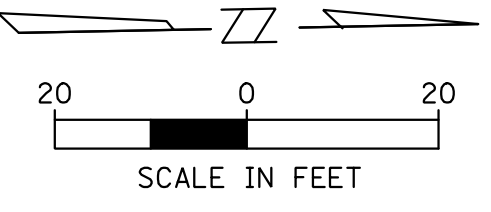
203
 CB 4282
 RIM=708.06
 INV N 12" RCP=705.06
 INV NE 12" RCP=705.00
 MATERIAL CHANGE

SAN 4390
 RIM=707.66
 INV N 8" VCP=700.16
 INV SE 8" VCP=700.63



LEGEND	
	PAVEMENT REMOVAL (SEE NOTE 1)
	CLASS D PATCHES, SPECIAL, 6"
	DRIVEWAY PAVEMENT REMOVAL (HMA)
	DRIVEWAY PAVEMENT REMOVAL (PCC)
	SIDEWALK REMOVAL
	COMBINATION CONCRETE CURB & GUTTER REMOVAL
	WATER MAIN TO BE ABANDONED OR REMOVED (AS NECESSARY FOR CONSTRUCTION)
	STORM SEWER REMOVAL (AS NECESSARY FOR CONSTRUCTION)
	STRUCTURES TO BE REMOVED
	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
	VALVE VAULTS/BOXES TO BE ABANDONED
	FIRE HYDRANTS TO BE REMOVED
	TREE REMOVAL (SIZE IN INCHES)

- NOTES:
- MONOLITHIC CONCRETE CURB TO BE REMOVED SHALL BE MEASURED AND PAID FOR AS PAVEMENT REMOVAL.
 - CONTRACTOR RESPONSIBLE TO COORDINATE WITH COMED TO TEMPORARILY BRACE/PROTECT UTILITY/LIGHT POLE (AS NECESSARY).



CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. HIGGINS ROAD, SUITE 600
 ROSEMONT, ILLINOIS 60018
 (847) 823-0500

CLIENT:

VILLAGE OF VILLA PARK
 20 S. ARDMORE AVE.
 VILLA PARK, IL 60181-2696

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

TITLE:
**HARVARD AVENUE IMPROVEMENTS
 JEFFERSON PARK TO PLYMOUTH ST.
 EXIST. CONDITIONS & REMOVAL PLAN**

PROJ. NO. 140092.00019
 DATE: 11/9/2020
 SHEET 8 OF 22
 DRAWING NO.
REM-2

MATCH LINE STA. 100+50

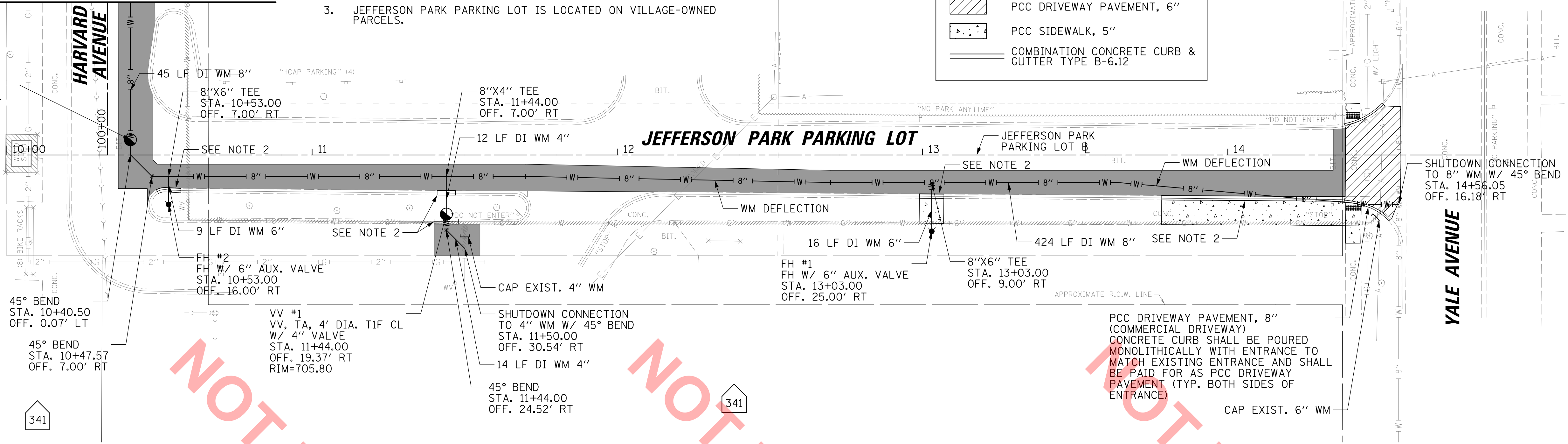
NOTES:

- 6'-LONG 12"-WIDE THERMOPLASTIC HIGH VISIBILITY (LONGITUDINAL BARS) PAVEMENT MARKINGS SHALL BE INSTALLED WITH 2' SPACING AT ALL CROSSWALKS IN ACCORDANCE WITH IDOT D1 STANDARDS, AND 24"-WIDE STOP BARS SHALL BE INSTALLED AT ALL STOP SIGNS.
- PROPOSED CURB AND GUTTER WITHIN THE JEFFERSON PARK PARKING LOT SHALL BE TYPE M-6.12 TO MATCH THE EXISTING CURB AND GUTTER.
- JEFFERSON PARK PARKING LOT IS LOCATED ON VILLAGE-OWNED PARCELS.

LEGEND

- PAVEMENT RECONSTRUCTION
- CLASS D PATCHES, SPECIAL, 6"
- HMA DRIVEWAY PAVEMENT, 4"
- PCC DRIVEWAY PAVEMENT, 6"
- PCC SIDEWALK, 5"
- COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12


VV #2
VV, TA, 4' DIA. TIF CL
W/ 8" VALVE
STA. 10+40.50
OFF. 5.00' LT
RIM=706.48



NOT FOR BID



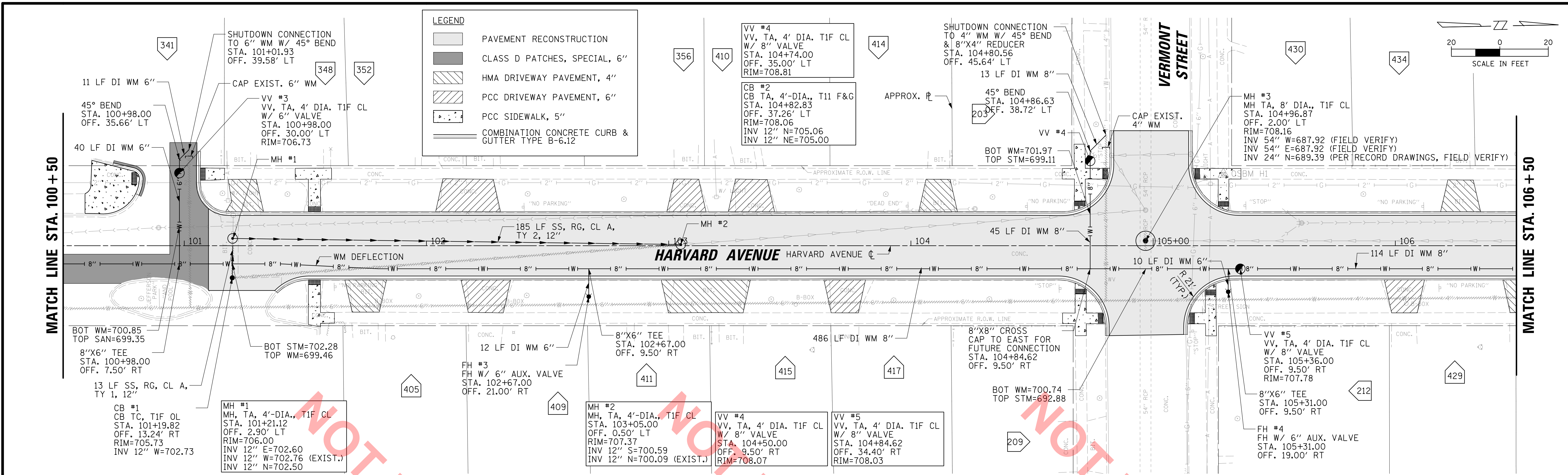
CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

CLIENT:
 **VILLAGE OF VILLA PARK**
20 S. Ardmore Ave.
Villa Park, IL 60181-2696

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:
FILE NAME	N:\VILLAPARK\140092.00019\CIVIL\HARVARD_SOUTH\UPP_140092.00019_HARV_PLYMOUTH_S_01.SHT			

TITLE:
**HARVARD AVENUE IMPROVEMENTS
JEFFERSON PARK TO PLYMOUTH ST.
PLAN AND PROFILE**

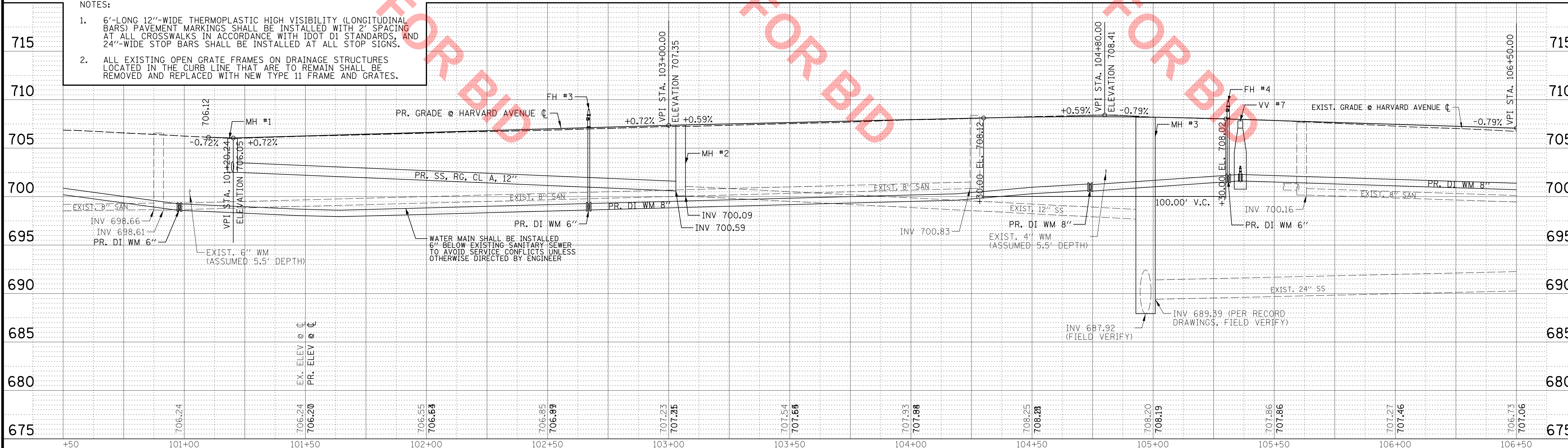
PROJ. NO. 140092.00019
DATE: 11/9/2020
SHEET 9 OF 22
DRAWING NO.
UPP-1



LEGEND

	PAVEMENT RECONSTRUCTION
	CLASS D PATCHES, SPECIAL, 6"
	HMA DRIVEWAY PAVEMENT, 4"
	PCC DRIVEWAY PAVEMENT, 6"
	PCC SIDEWALK, 5"
	COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12

- NOTES:**
- 6'-LONG 12"-WIDE THERMOPLASTIC HIGH VISIBILITY (LONGITUDINAL BARS) PAVEMENT MARKINGS SHALL BE INSTALLED WITH 2' SPACING AT ALL CROSSWALKS IN ACCORDANCE WITH IDOT D1 STANDARDS, AND 24"-WIDE STOP BARS SHALL BE INSTALLED AT ALL STOP SIGNS.
 - ALL EXISTING OPEN GRATE FRAMES ON DRAINAGE STRUCTURES LOCATED IN THE CURB LINE THAT ARE TO REMAIN SHALL BE REMOVED AND REPLACED WITH NEW TYPE 11 FRAME AND GRATES.



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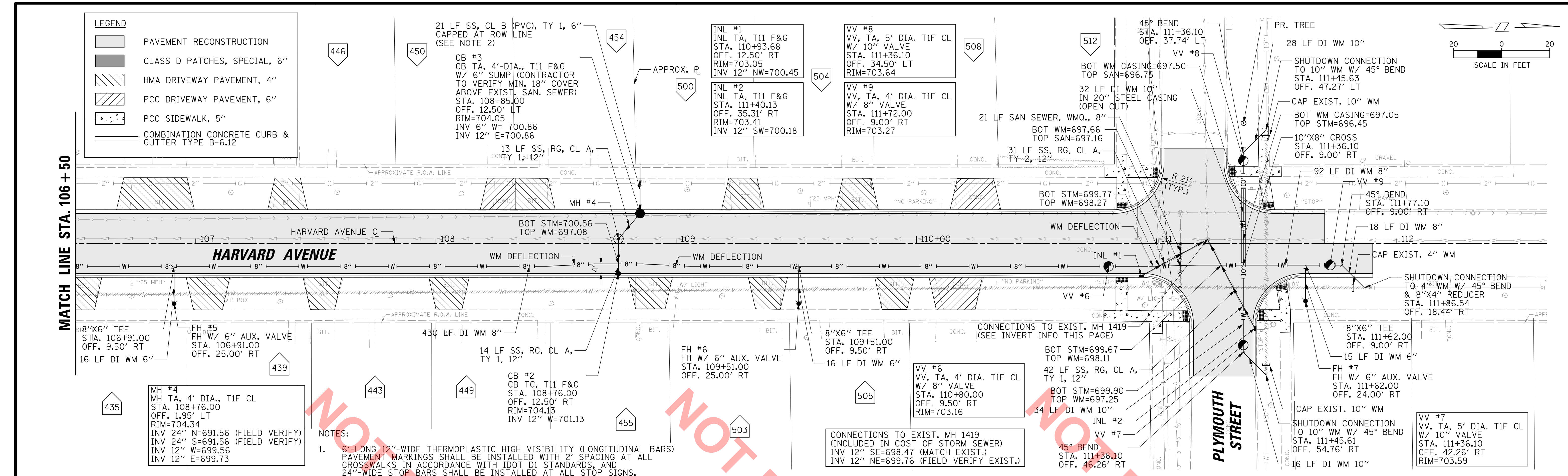
VILLAGE OF VILLA PARK
 20 S. Ardmore Ave.
 Villa Park, IL 60181-2696

NO.	DATE	NATURE OF REVISION	CHKD.
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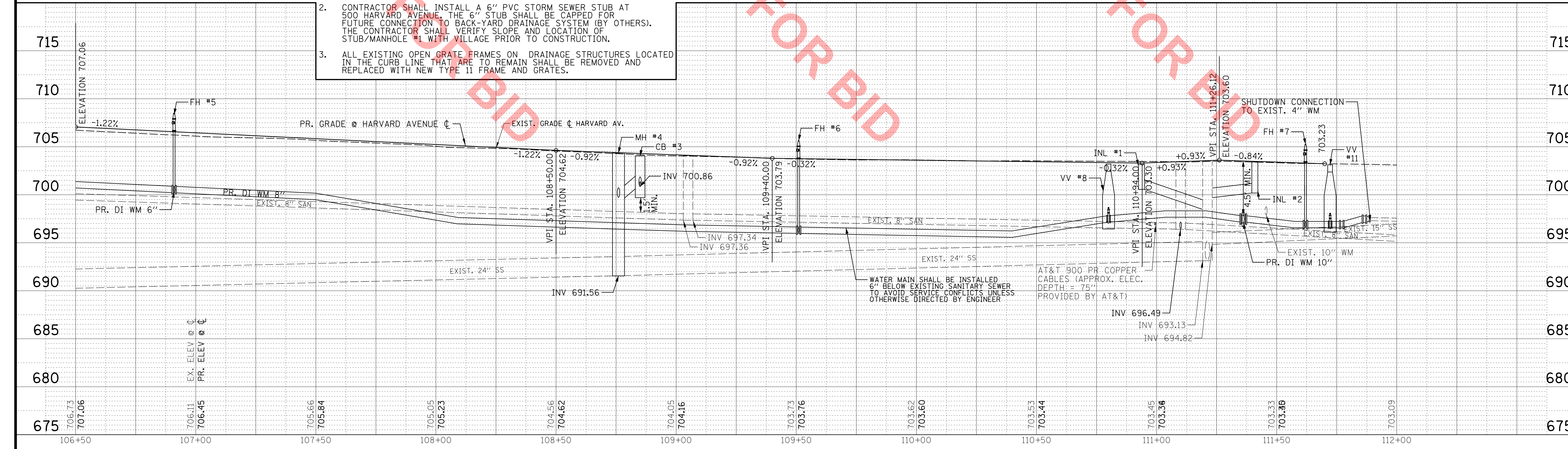
TITLE:
**HARVARD AVENUE IMPROVEMENTS
 JEFFERSON PARK TO PLYMOUTH ST.
 PLAN AND PROFILE**

PROJ. NO. 140092.00019
 DATE: 11/9/2020
 SHEET 10 OF 22
 DRAWING NO.
UPP-2

LEGEND	
	PAVEMENT RECONSTRUCTION
	CLASS D PATCHES, SPECIAL, 6"
	HMA DRIVEWAY PAVEMENT, 4"
	PCC DRIVEWAY PAVEMENT, 6"
	PCC SIDEWALK, 5"
	COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12



- NOTES:**
- 6'-LONG 12"-WIDE THERMOPLASTIC HIGH VISIBILITY (LONGITUDINAL BARS) PAVEMENT MARKINGS SHALL BE INSTALLED WITH 2' SPACING AT ALL CROSSWALKS IN ACCORDANCE WITH IDOT D1 STANDARDS, AND 24"-WIDE STOP BARS SHALL BE INSTALLED AT ALL STOP SIGNS.
 - CONTRACTOR SHALL INSTALL A 6" PVC STORM SEWER STUB AT 500 HARVARD AVENUE. THE 6" STUB SHALL BE CAPPED FOR FUTURE CONNECTION TO BACK-YARD DRAINAGE SYSTEM (BY OTHERS). THE CONTRACTOR SHALL VERIFY SLOPE AND LOCATION OF STUB/MANHOLE #1 WITH VILLAGE PRIOR TO CONSTRUCTION.
 - ALL EXISTING OPEN GRATE FRAMES ON DRAINAGE STRUCTURES LOCATED IN THE CURB LINE THAT ARE TO REMAIN SHALL BE REMOVED AND REPLACED WITH NEW TYPE 11 FRAME AND GRATES.



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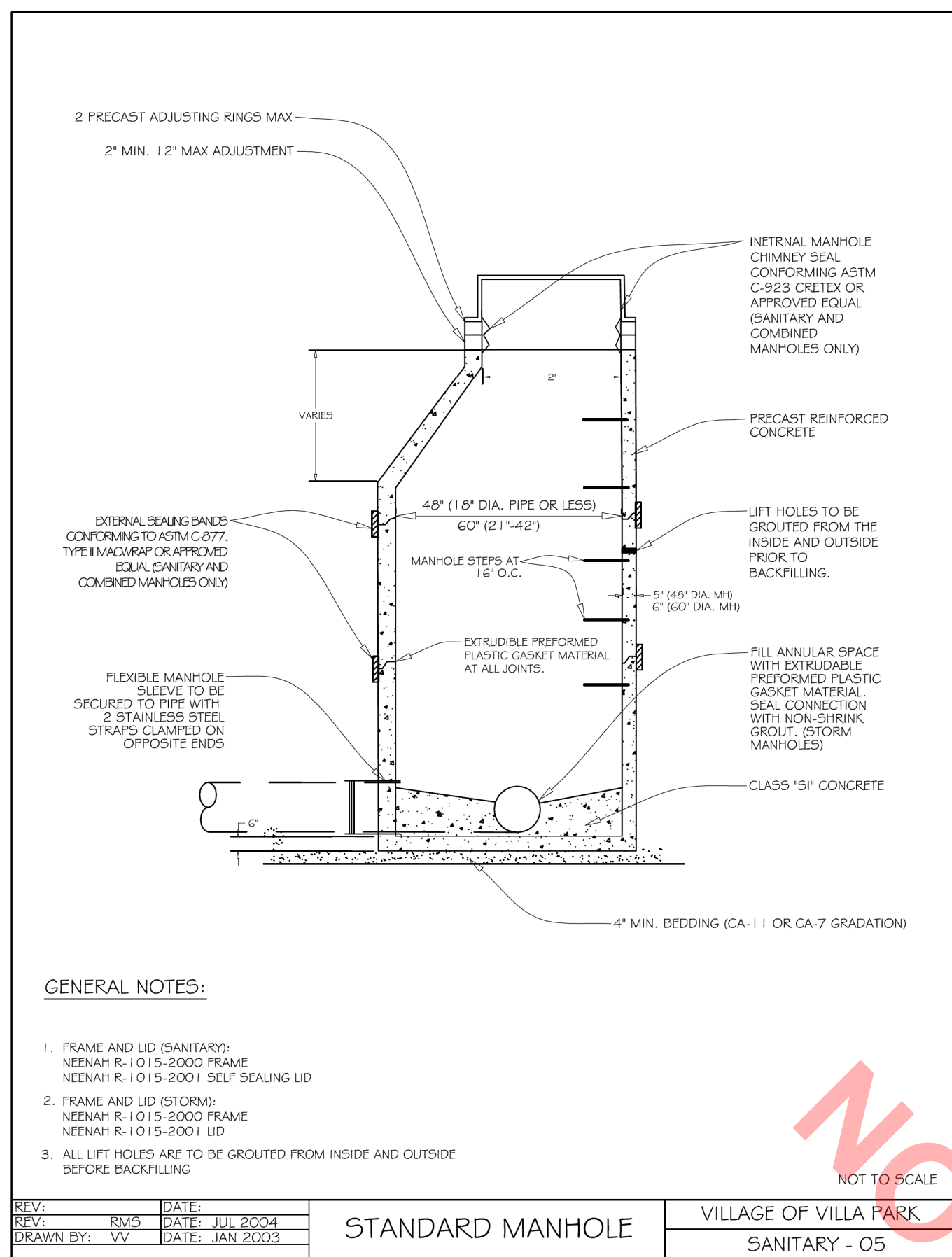
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VILLAGE OF VILLA PARK
 20 S. Ardmore Ave.
 Villa Park, IL 60181-2696

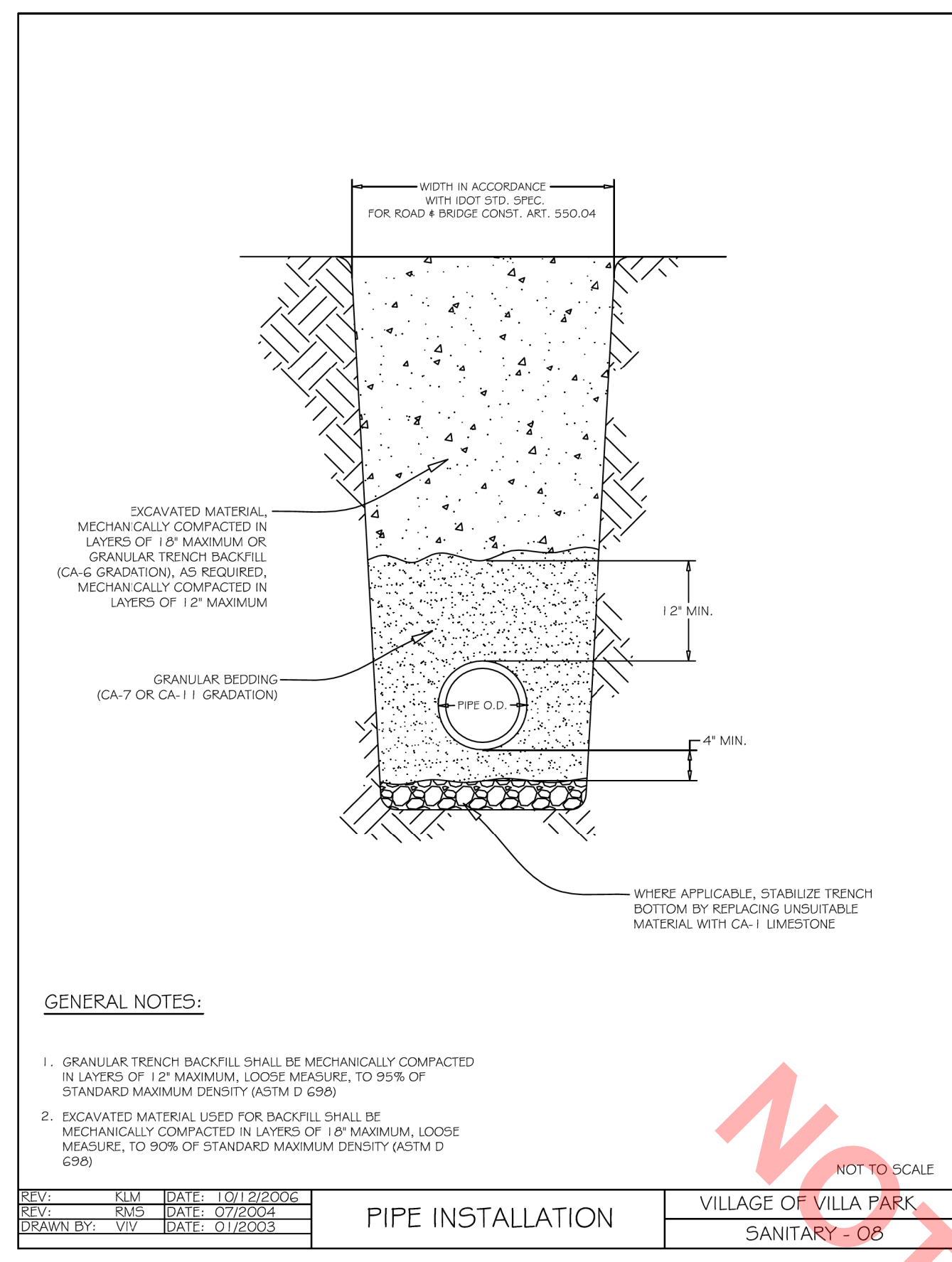
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**HARVARD AVENUE IMPROVEMENTS
 JEFFERSON PARK TO PLYMOUTH ST.
 PLAN AND PROFILE**

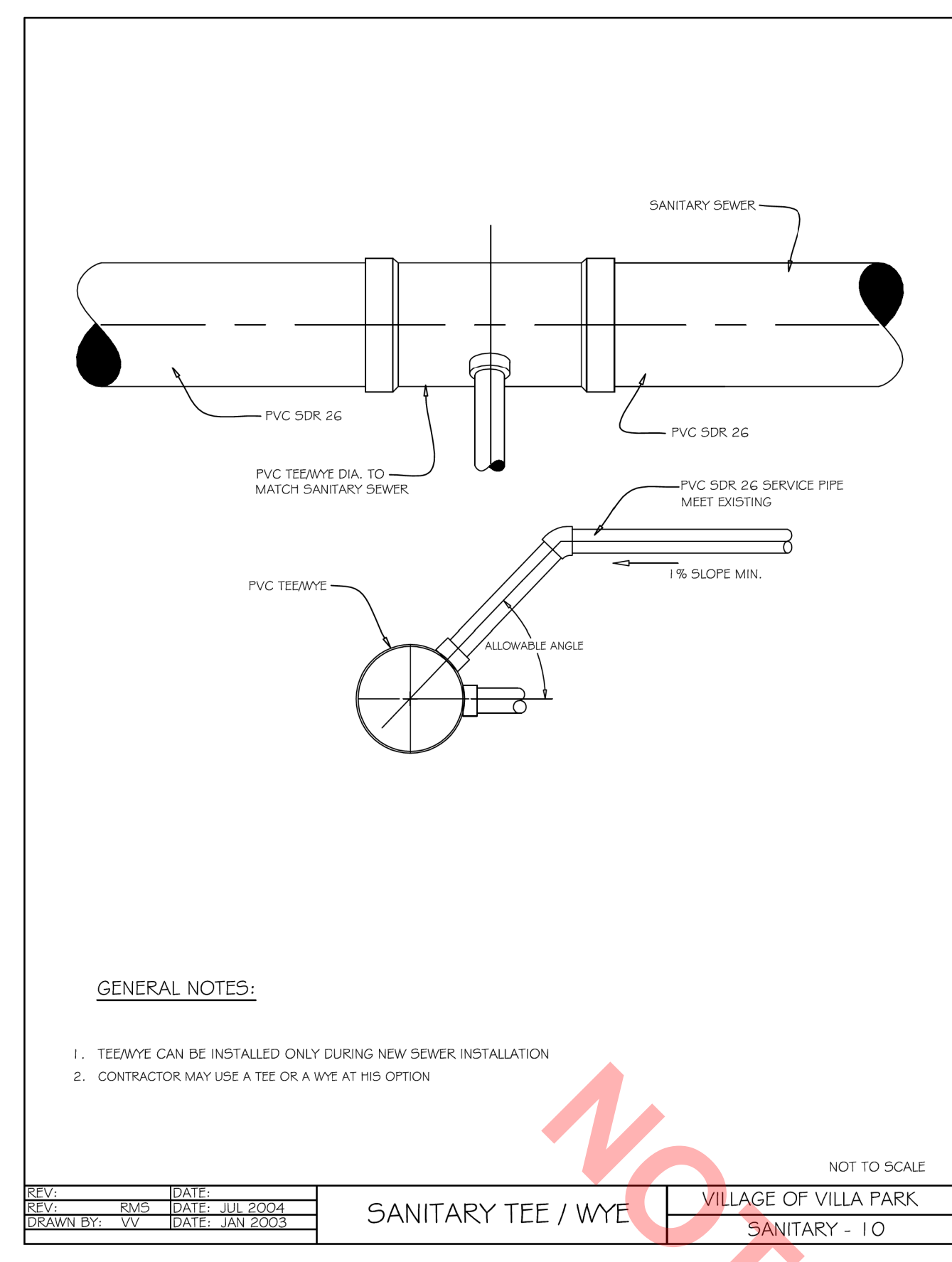
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 DATE: 11/9/2020
 SHEET 11 OF 22
 DRAWING NO.
UPP-3



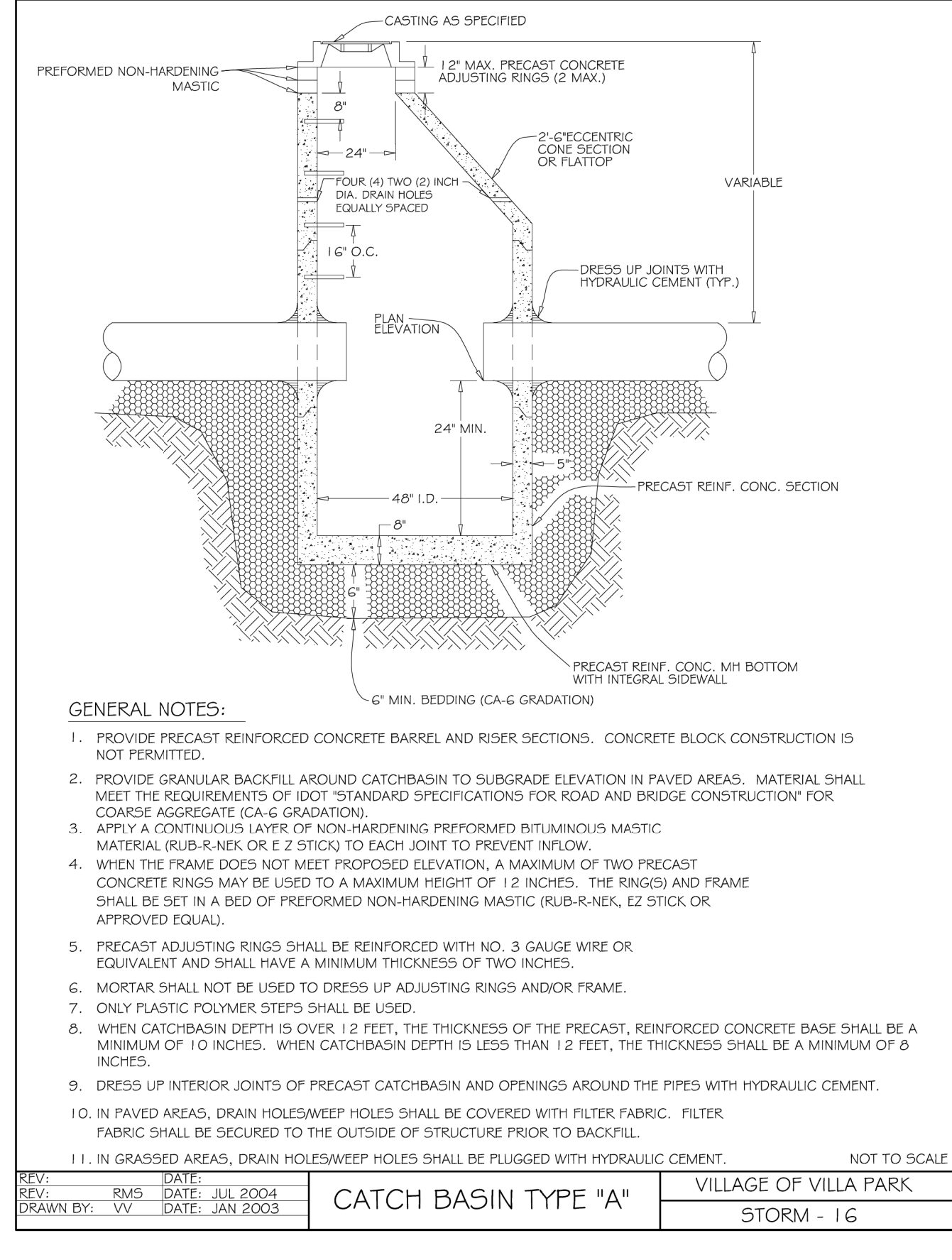
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REV: VV	DATE: JAN 2003		SANITARY - 05



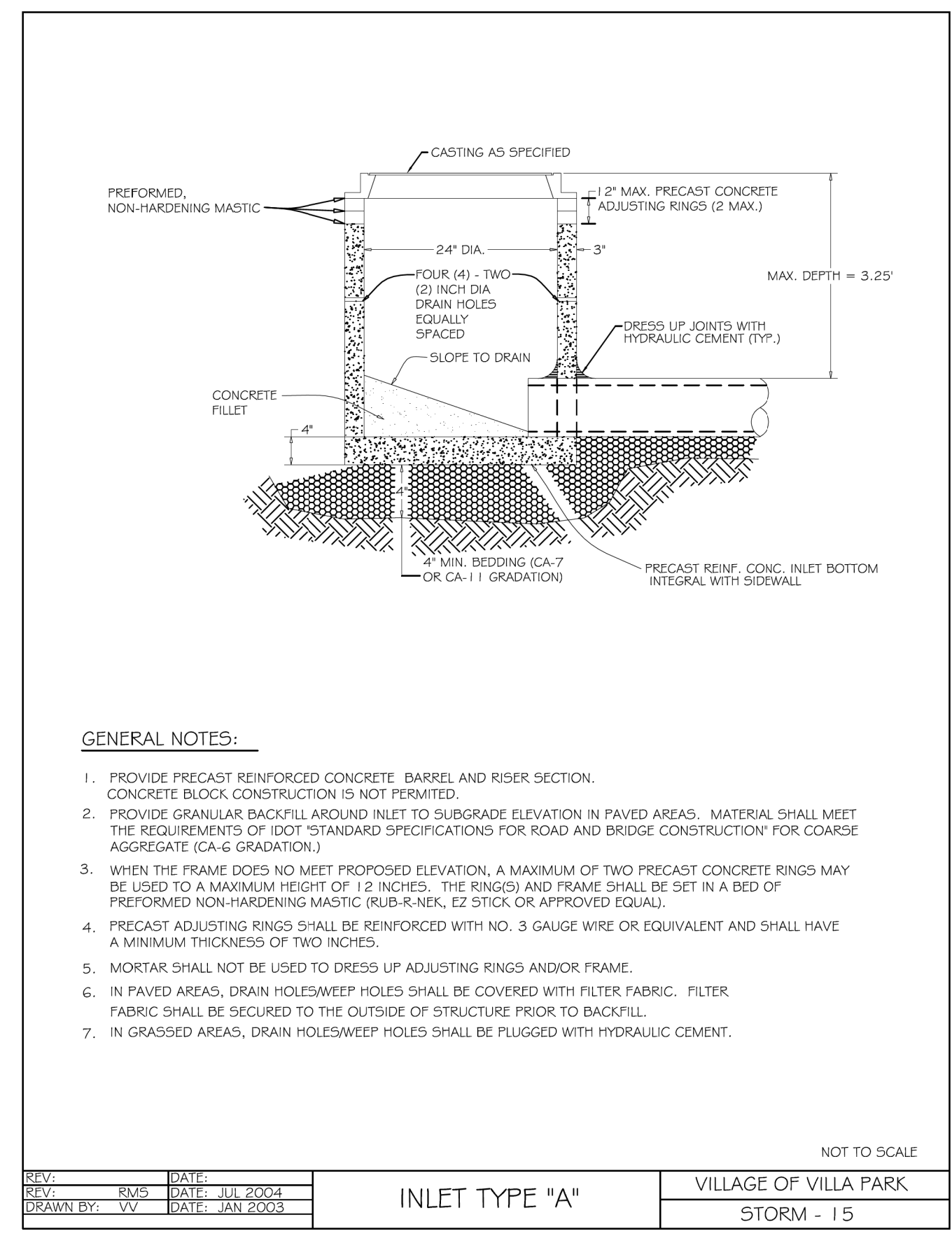
REV: RLM	DATE: 10/22/2006	PIPE INSTALLATION	VILLAGE OF VILLA PARK
REV: RMS	DATE: 07/20/04		SANITARY - 06
REV: VV	DATE: 01/20/03		



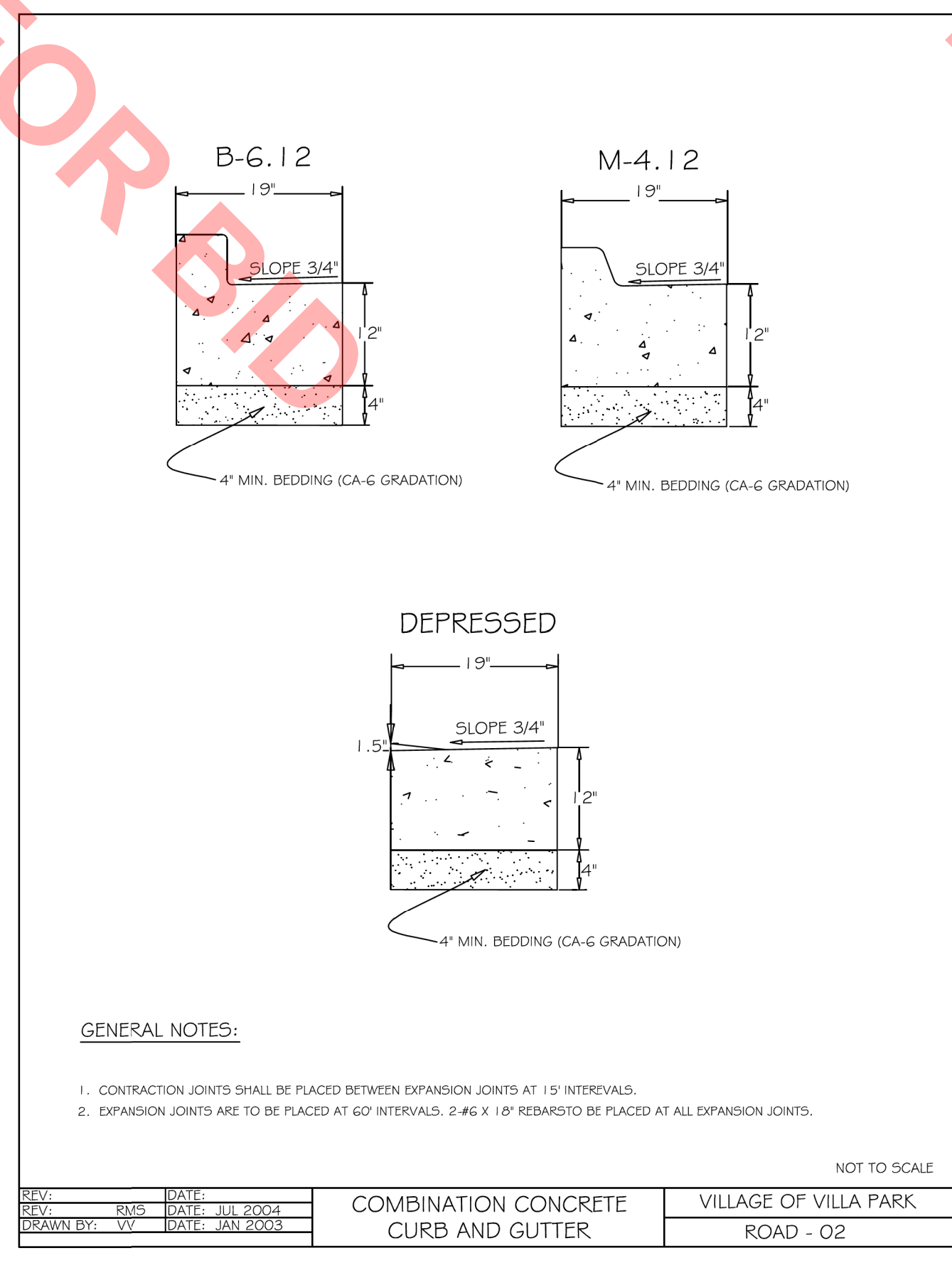
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REV: VV	DATE: JAN 2003		SANITARY - 10



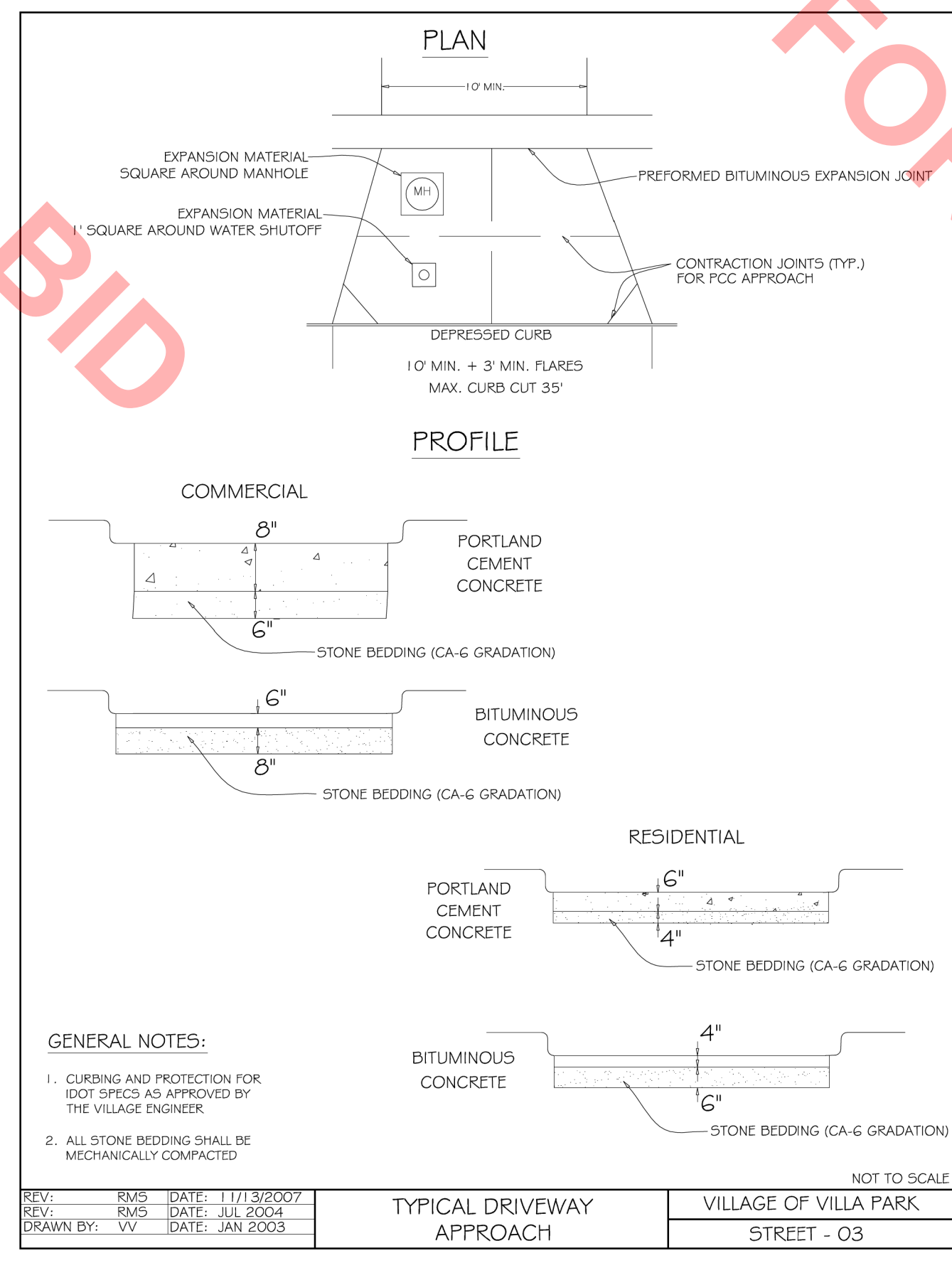
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REV: VV	DATE: JAN 2003		STORM - 16



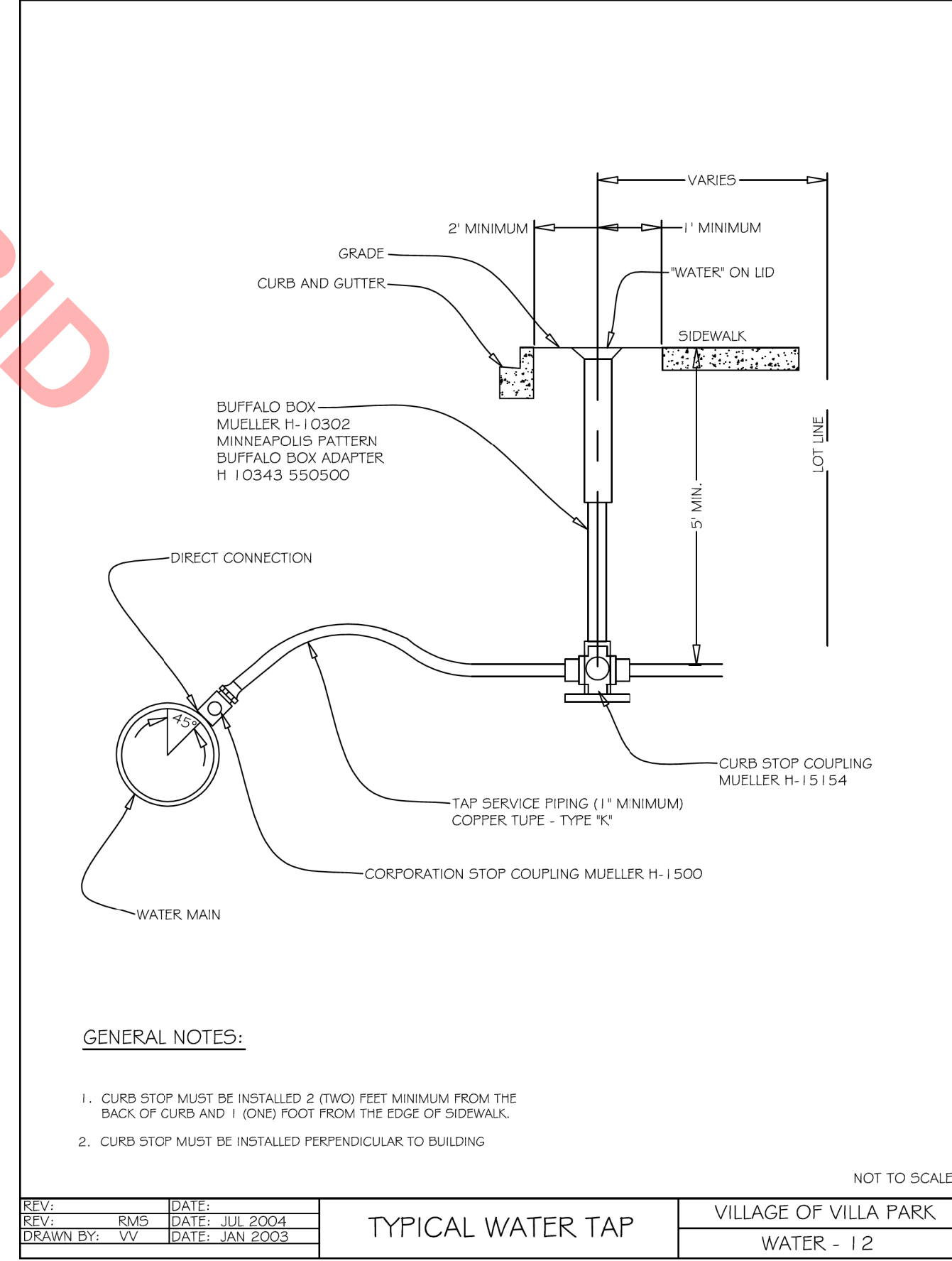
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REV: VV	DATE: JAN 2003		STORM - 15



REV: RMS	DATE: JUL 2004	COMBINATION CONCRETE CURB AND GUTTER	VILLAGE OF VILLA PARK
REV: VV	DATE: JAN 2003		ROAD - 02



REV: RMS	DATE: 11/13/2007	TYPICAL DRIVEWAY APPROACH	VILLAGE OF VILLA PARK
REV: RMS	DATE: JUL 2004		STREET - 03
REV: VV	DATE: JAN 2003		



REV: RMS	DATE: JUL 2004	TYPICAL WATER TAP	VILLAGE OF VILLA PARK
REV: VV	DATE: JAN 2003		WATER - 12

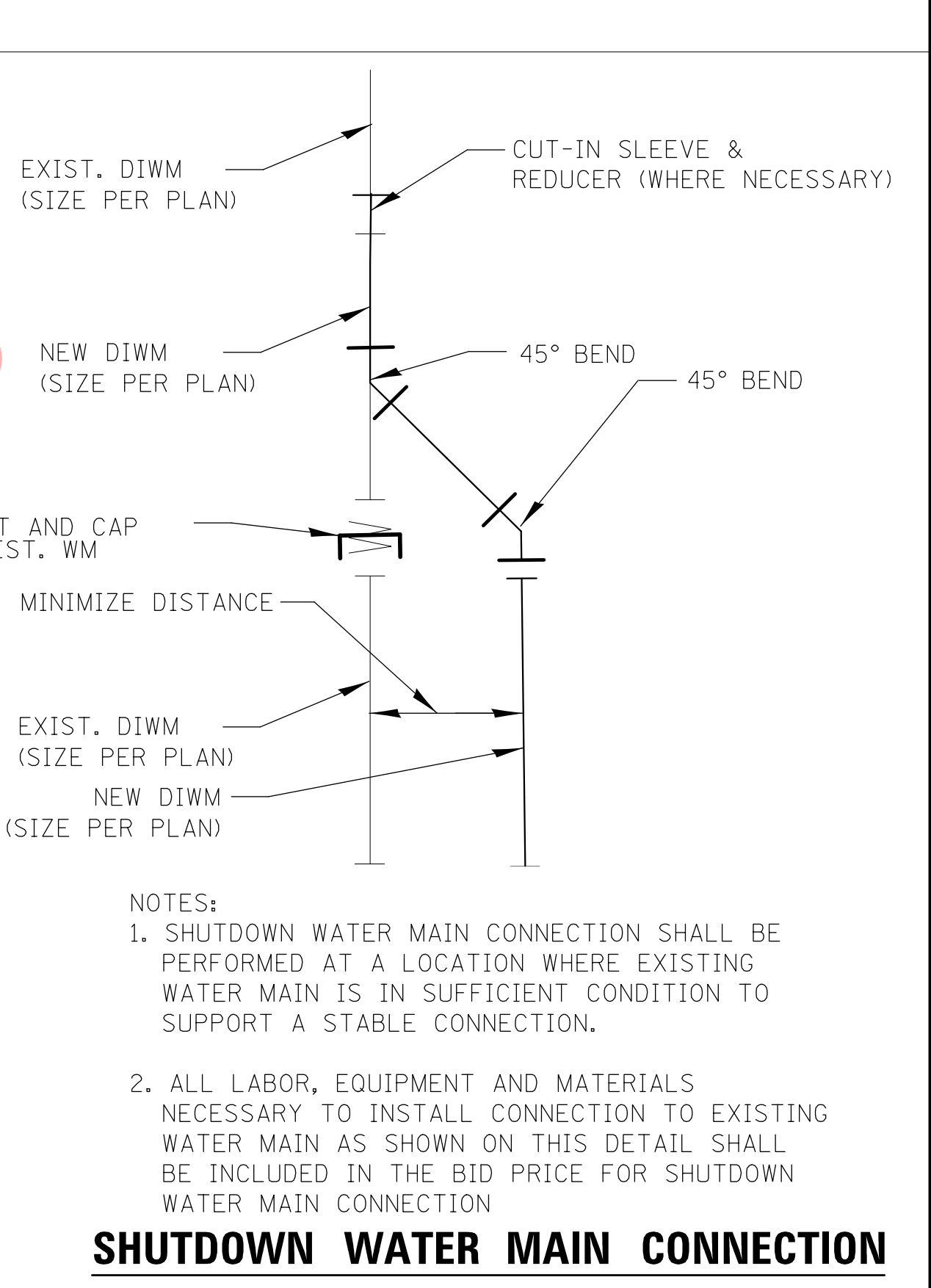
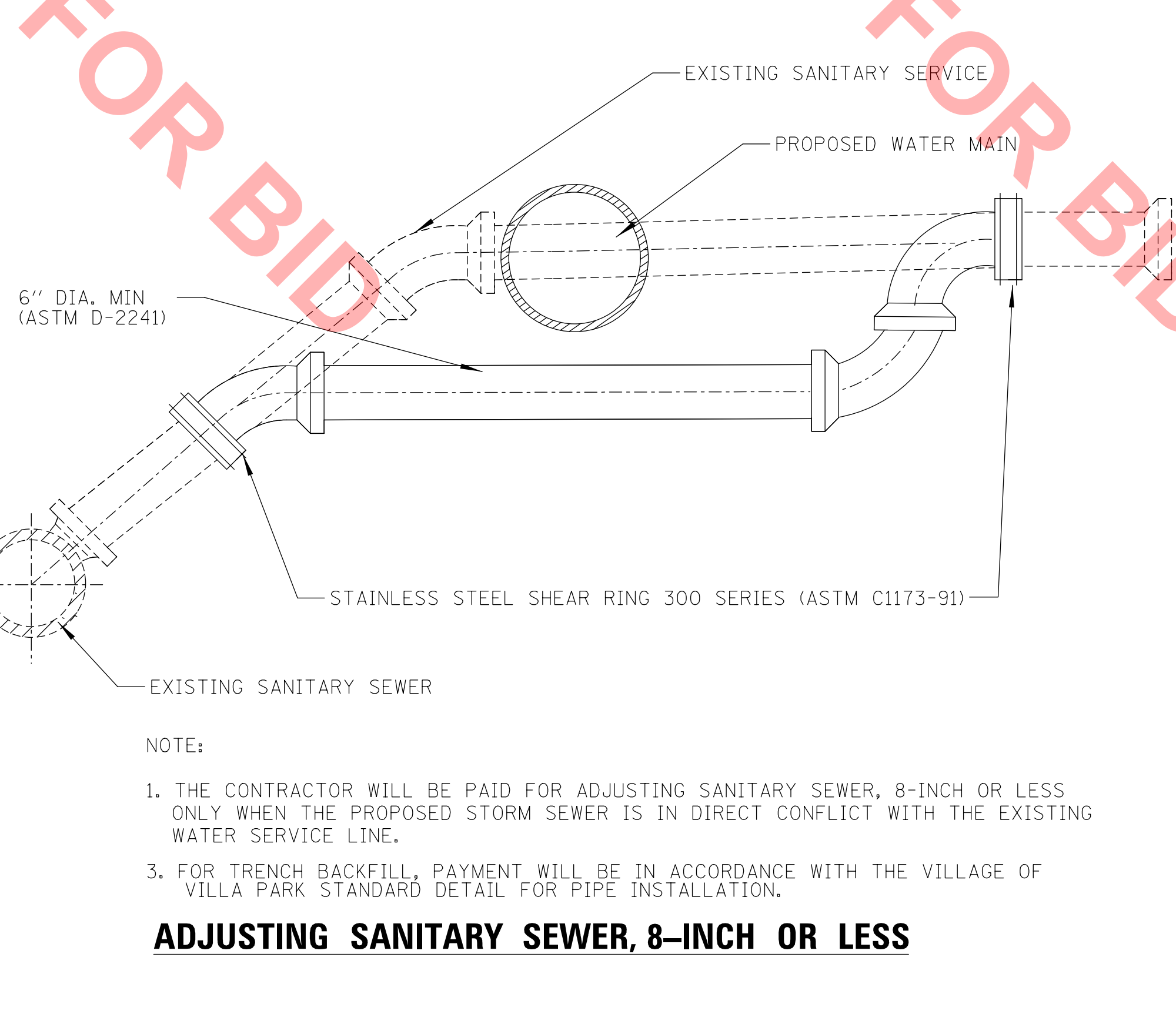
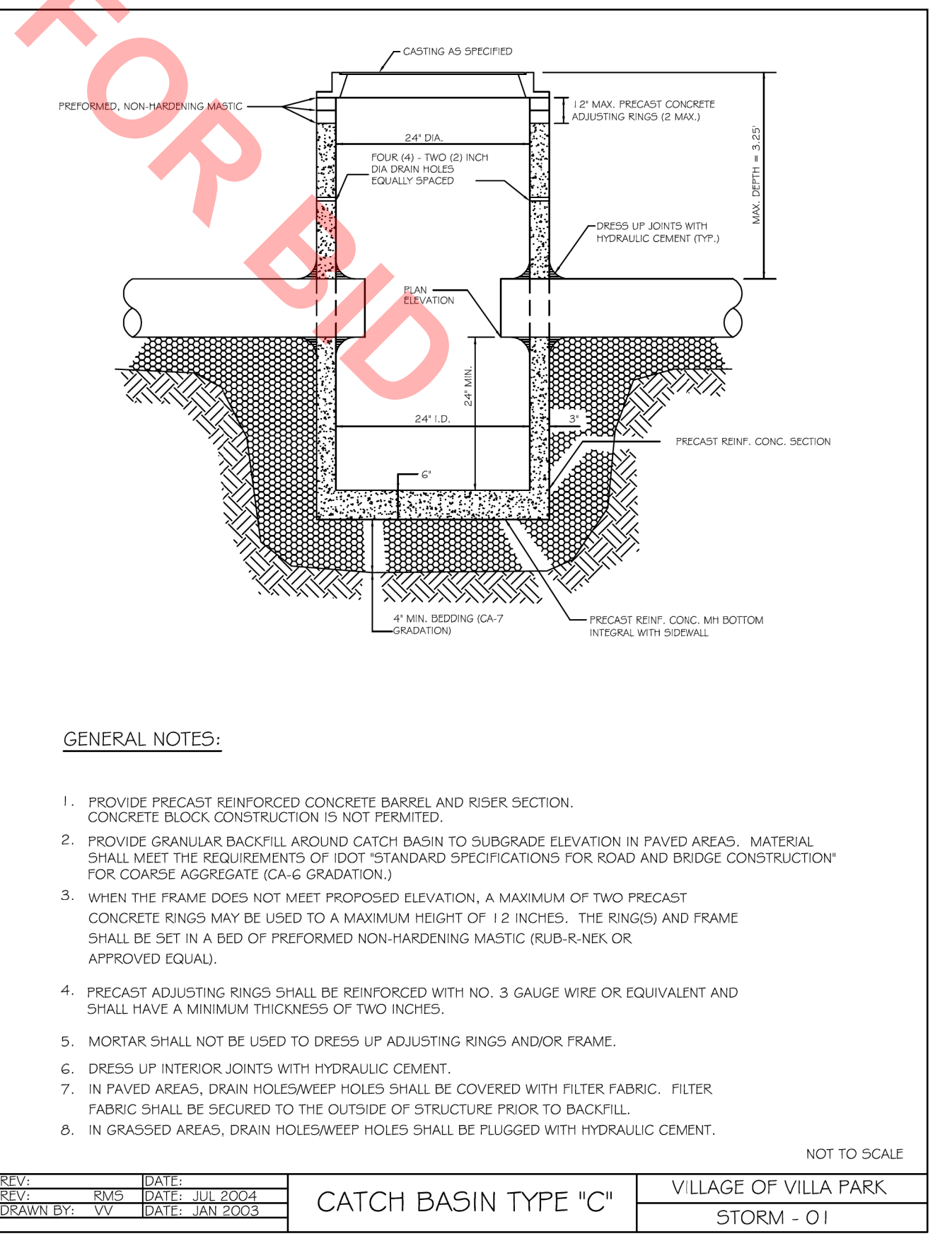
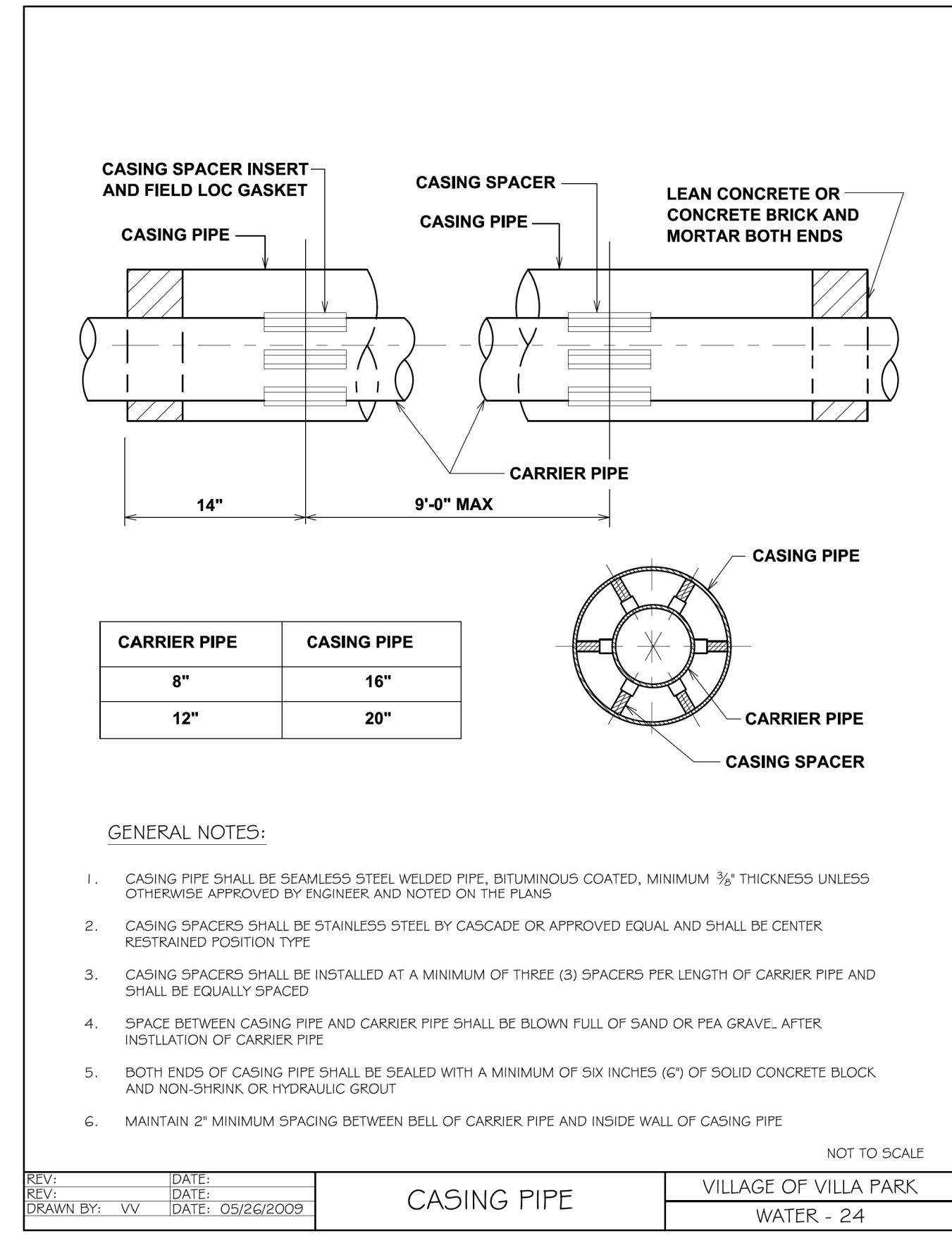
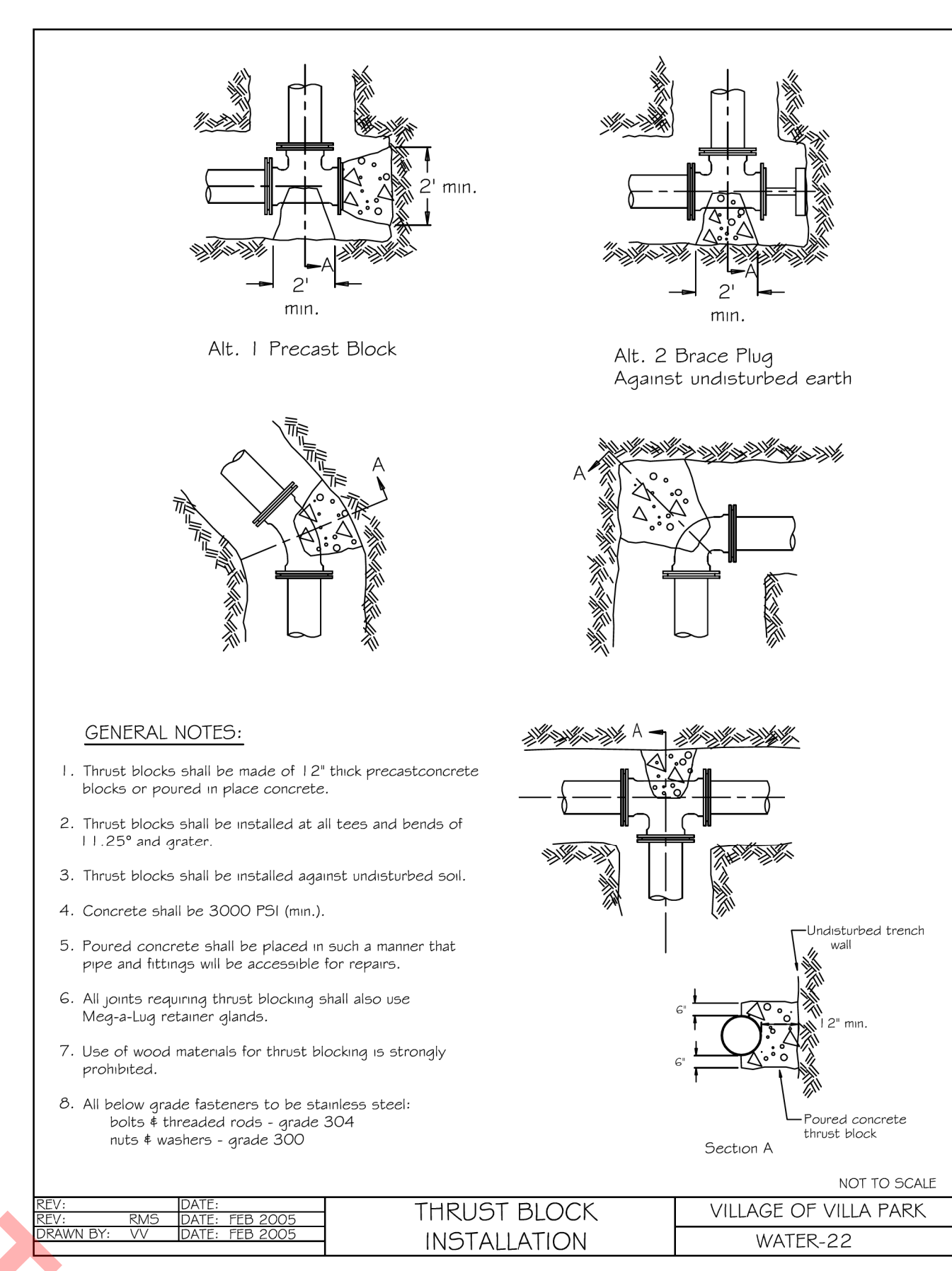
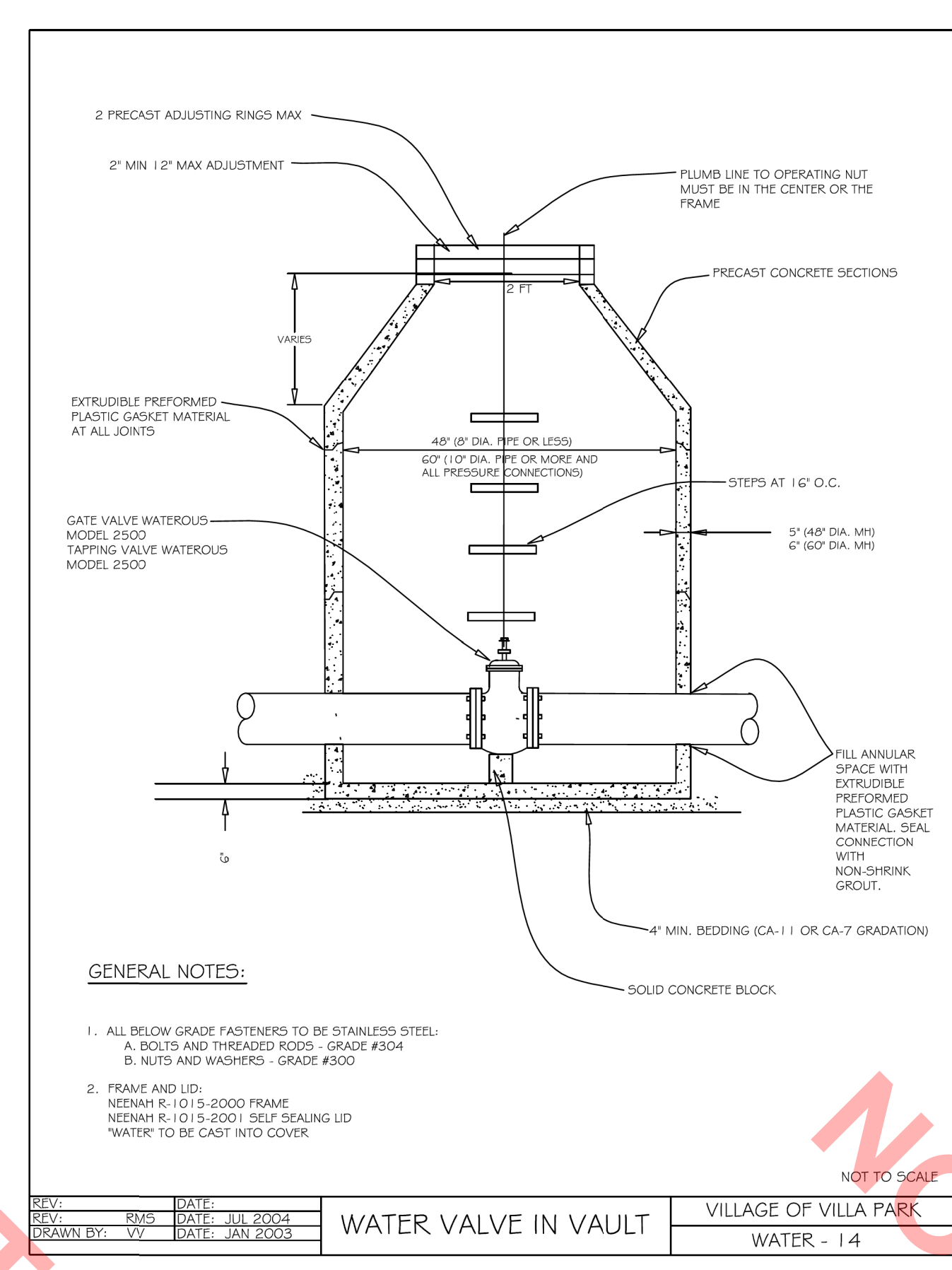
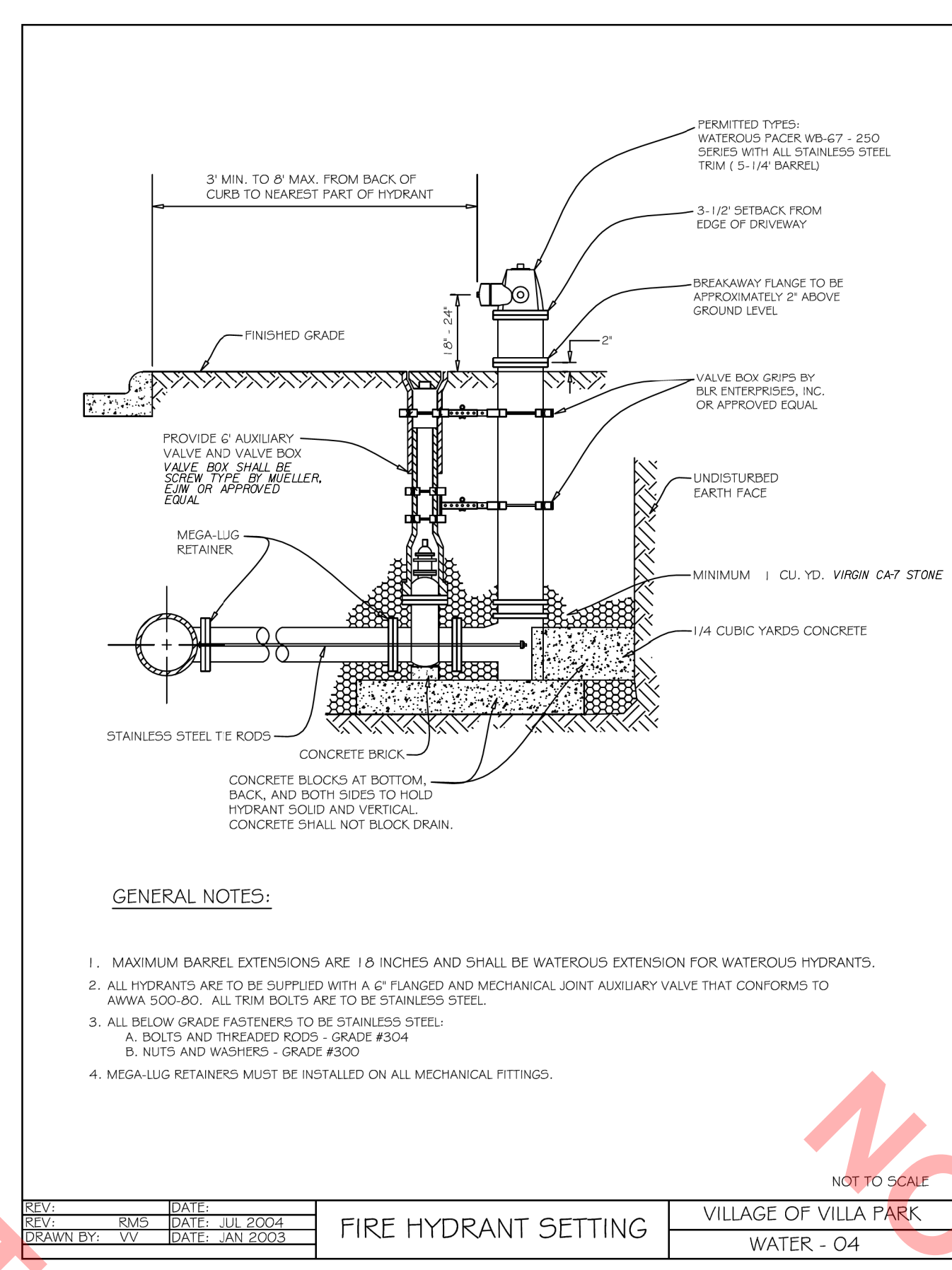
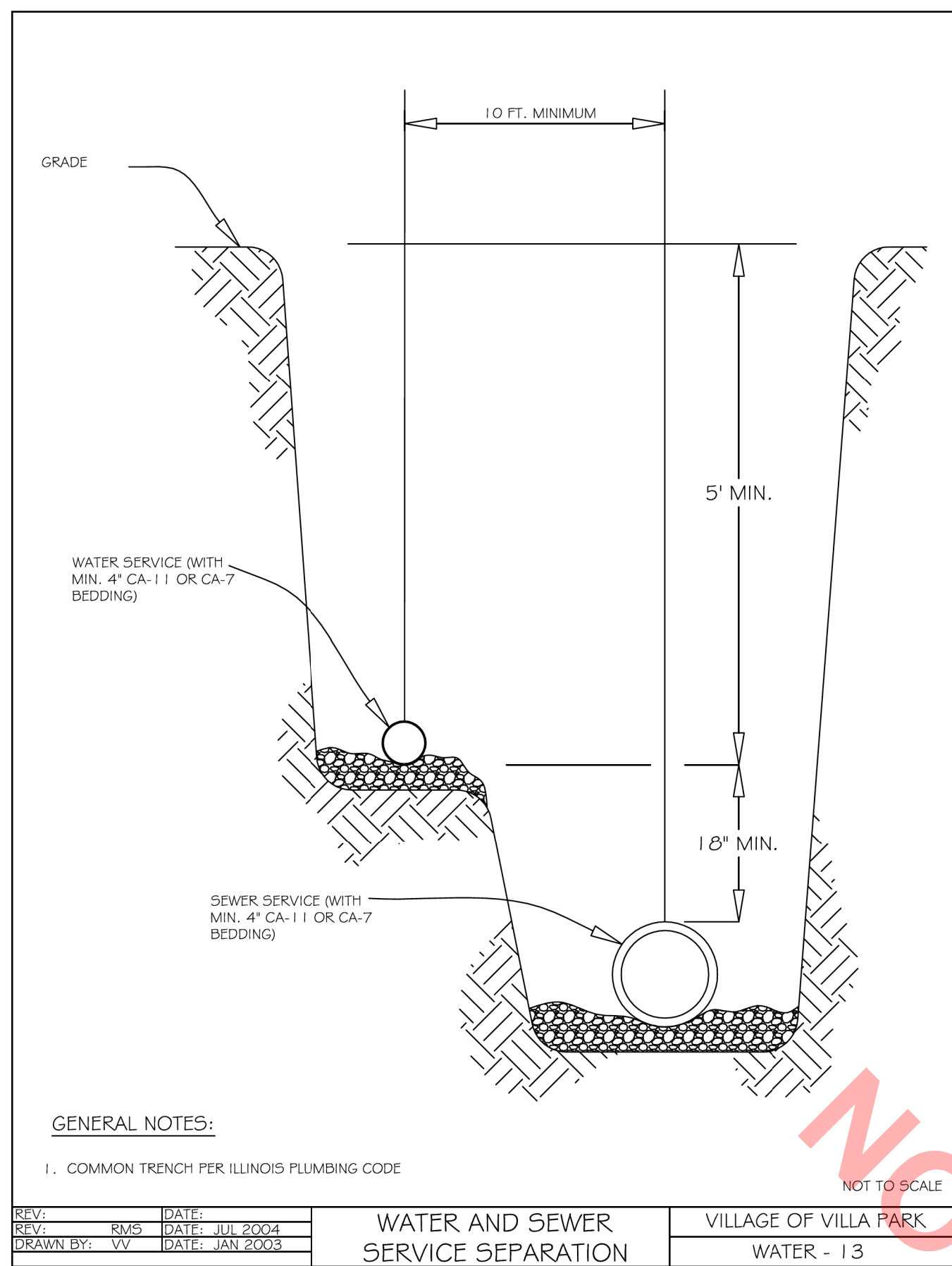
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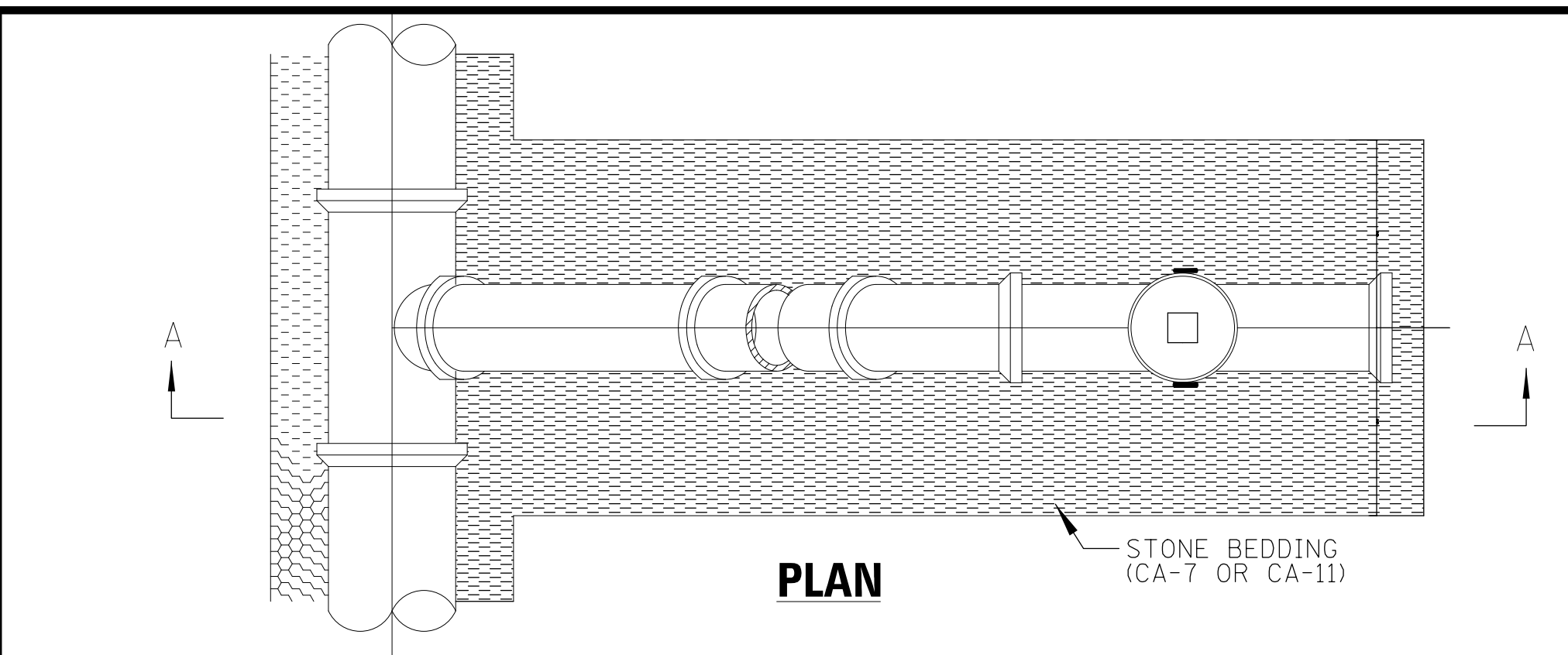
CLIENT: **VILLAGE OF VILLA PARK**
 20 S. Ardmore Ave.
 Villa Park, IL 60181-2696

NO.	DATE	NATURE OF REVISION	CHKD.
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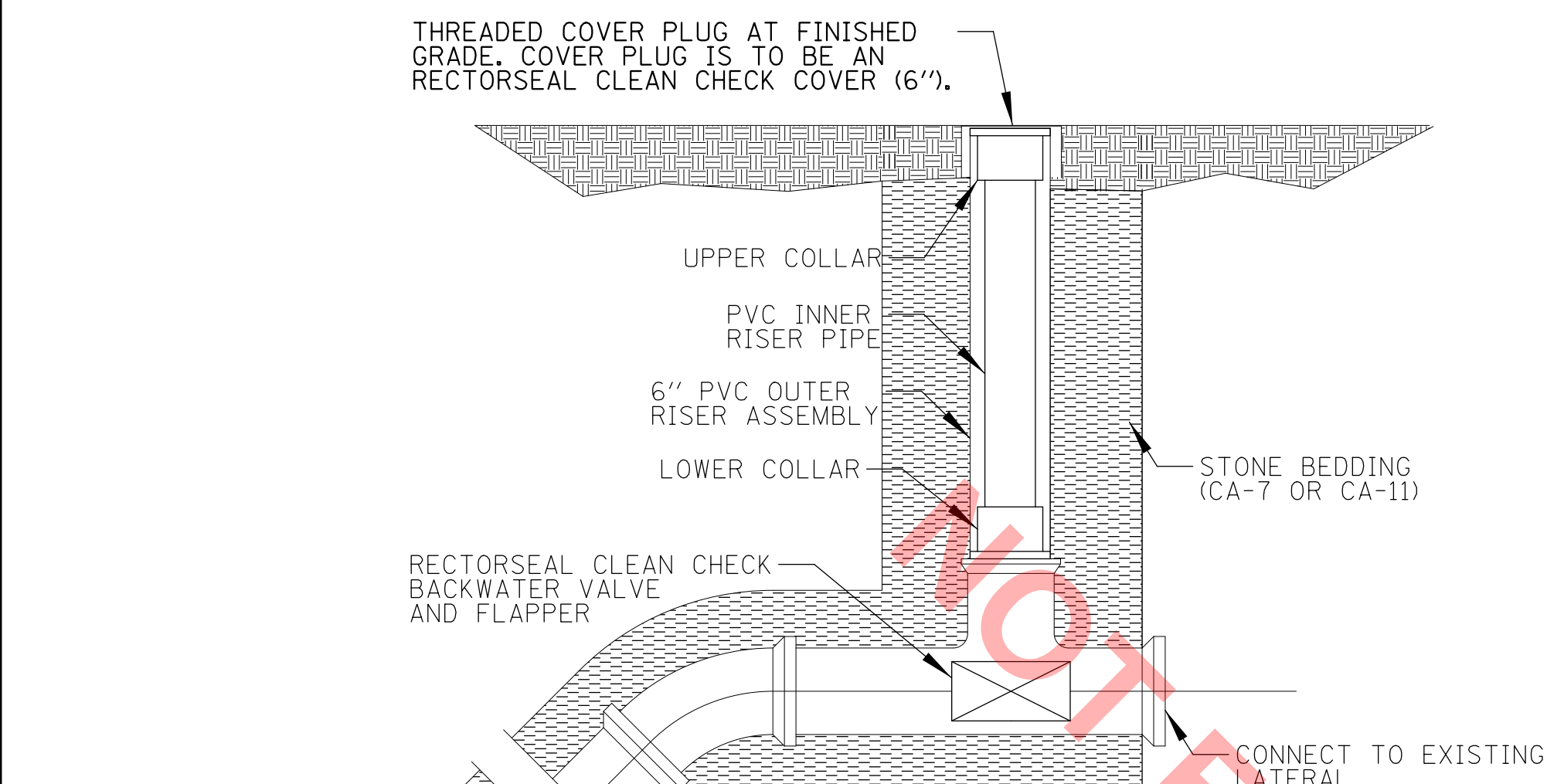
TITLE: **HARVARD AVENUE IMPROVEMENTS
 JEFFERSON PARK TO PLYMOUTH ST.
 CONSTRUCTION DETAILS**

PROJ. NO. 140092.00019
 DATE: 11/9/2020
 SHEET 12 OF 22
 DRAWING NO. **DET-1**





PLAN

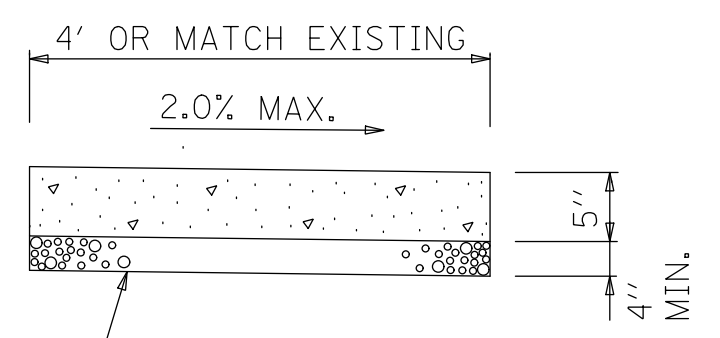


SECTION A-A

GENERAL NOTES:

- CLEANOUT-CHECK VALVE SHALL BE RECTORSEAL CLEAN CHECK BACKWATER VALVE, OR APPROVED EQUAL. ALL MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

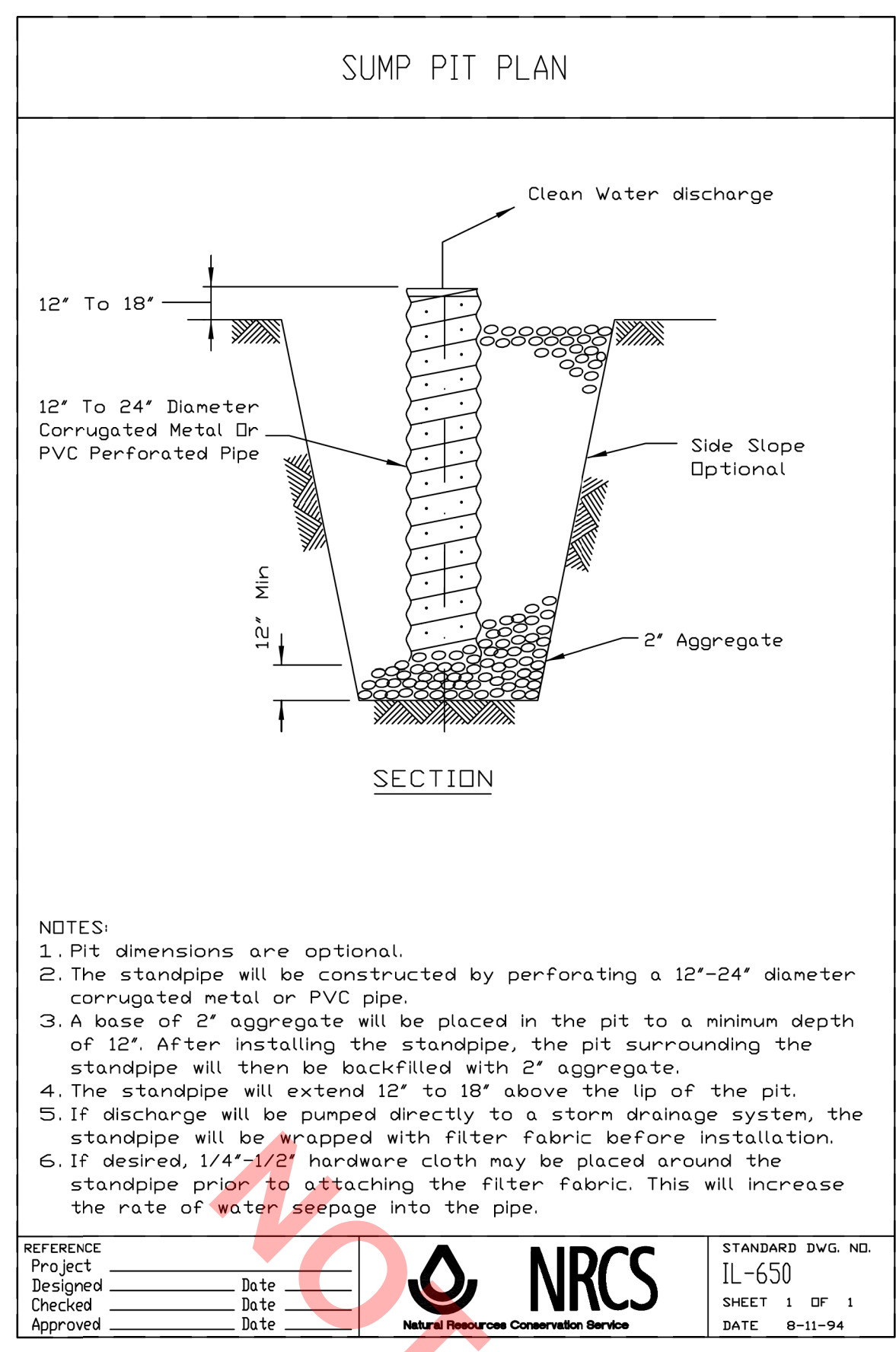
COMBINATION CLEANOUT-CHECK VALVE



NOTES:

- ALL REQUIRED EARTH EXCAVATION TO CONSTRUCT P.C.C. SIDEWALK SHALL BE INCLUDED IN THE COST OF P.C.C. SIDEWALK 5 INCH.
- THICKNESS SHALL BE INCREASED TO 6" WHERE SIDEWALK IS ADJACENT TO A DRIVEWAY (INCLUDED IN COST OF PCC SIDEWALK 5 INCH).

P.C.C. SIDEWALK 5 INCH DETAIL



SUMP PIT PLAN

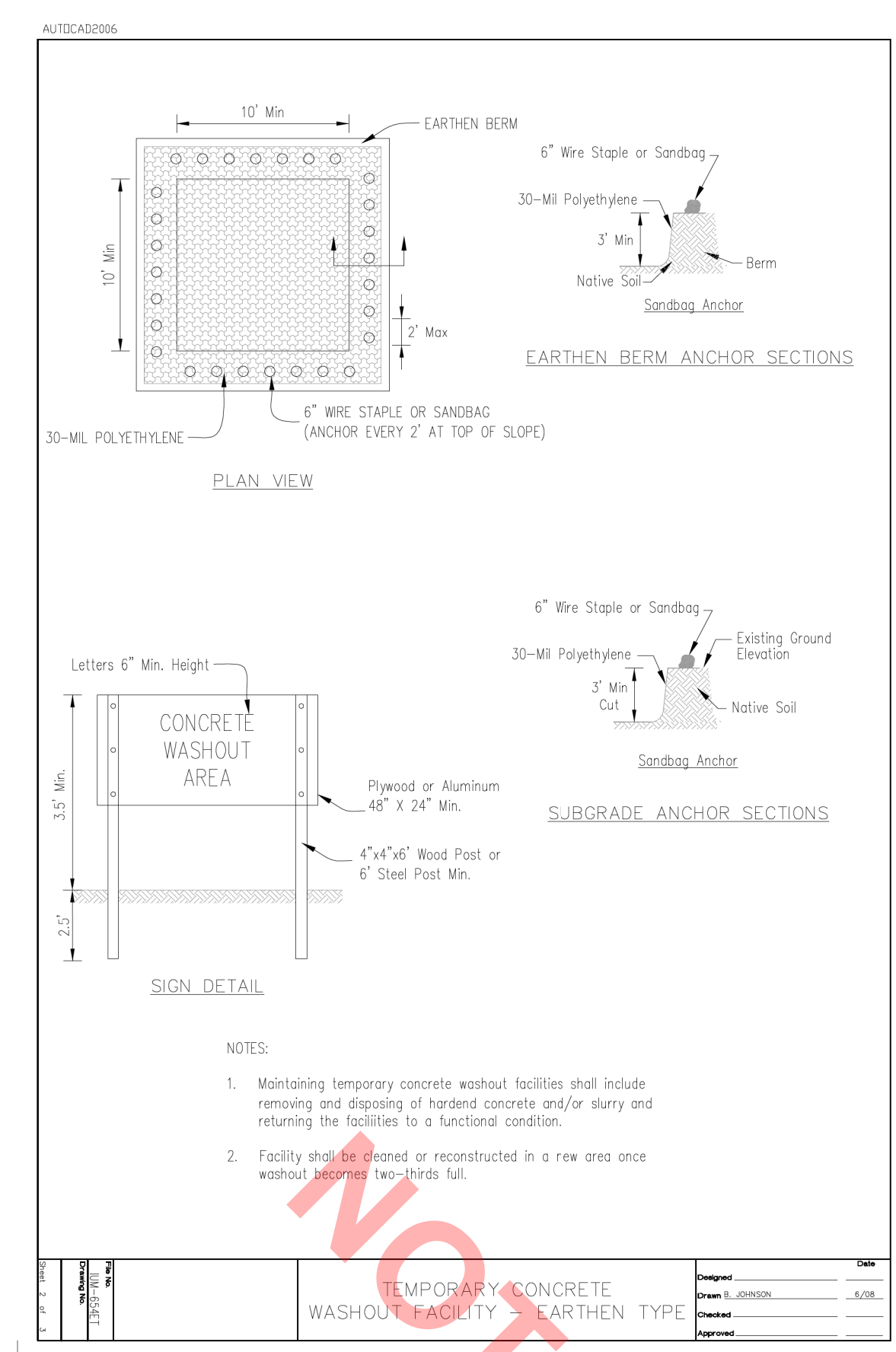
SECTION

- NOTES:
- Pit dimensions are optional.
 - The standpipe will be constructed by perforating a 12"-24" diameter corrugated metal or PVC pipe.
 - A base of 2" aggregate will be placed in the pit to a minimum depth of 12". After installing the standpipe, the pit surrounding the standpipe will then be backfilled with 2" aggregate.
 - The standpipe will extend 12" to 18" above the lip of the pit.
 - If discharge will be pumped directly to a storm drainage system, the standpipe will be wrapped with filter fabric before installation.
 - If desired, 1/4"-1/2" hardware cloth may be placed around the standpipe prior to attaching the filter fabric. This will increase the rate of water seepage into the pipe.

REFERENCE Project	Date	DESIGNED	Date	CHECKED	Date	APPROVED	Date
Project	Date	Designed	Date	Checked	Date	Approved	Date



STANDARD DWG. NO. IL-650 SHEET 1 OF 1 DATE 8-11-94



PLAN VIEW

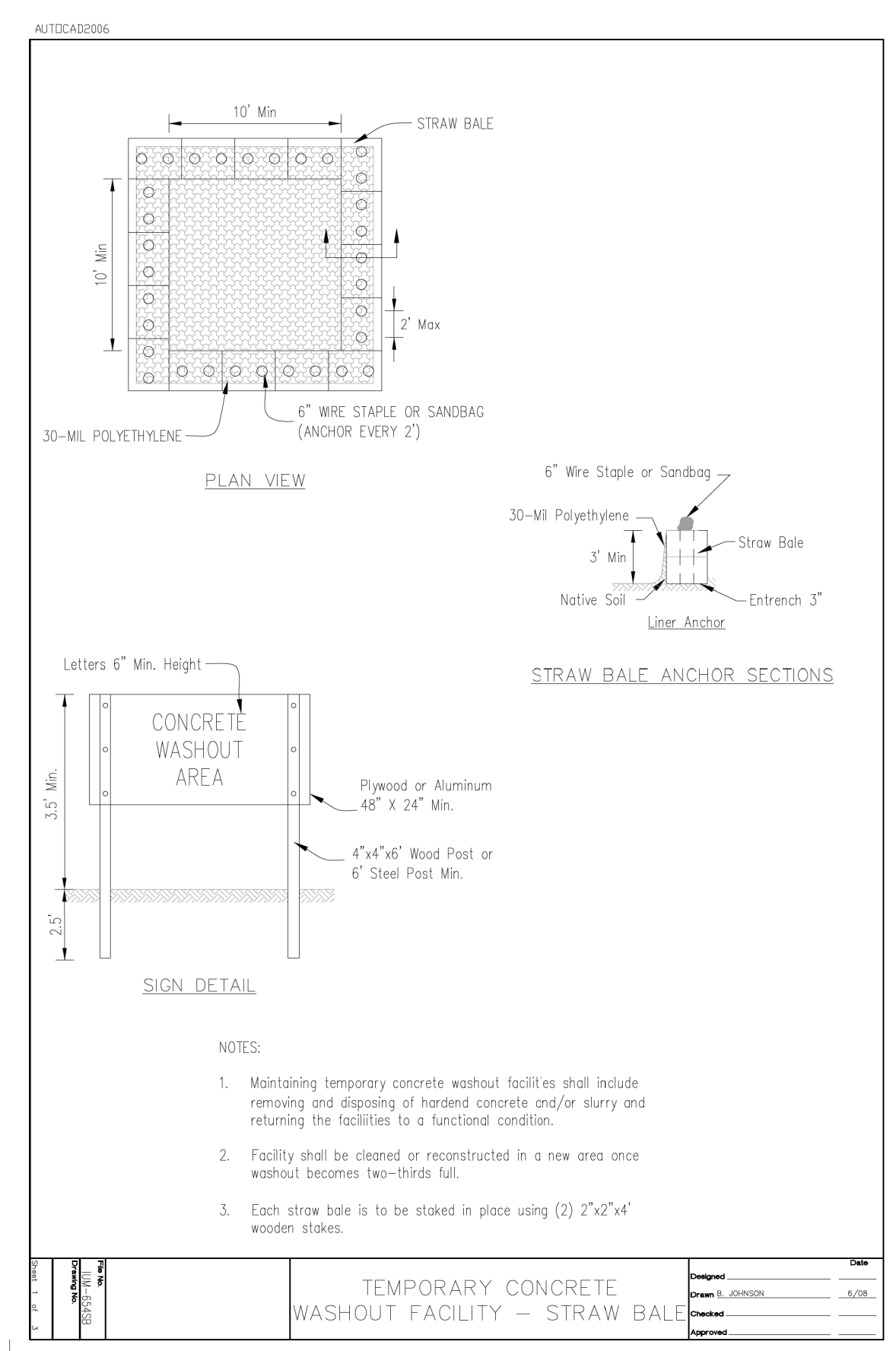
SIGN DETAIL

EARTHEN BERM ANCHOR SECTIONS

SUBGRADE ANCHOR SECTIONS

- NOTES:
- Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
 - Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.

DESIGNED	DATE	CHECKED	DATE	APPROVED	DATE
Designed	Date	Checked	Date	Approved	Date



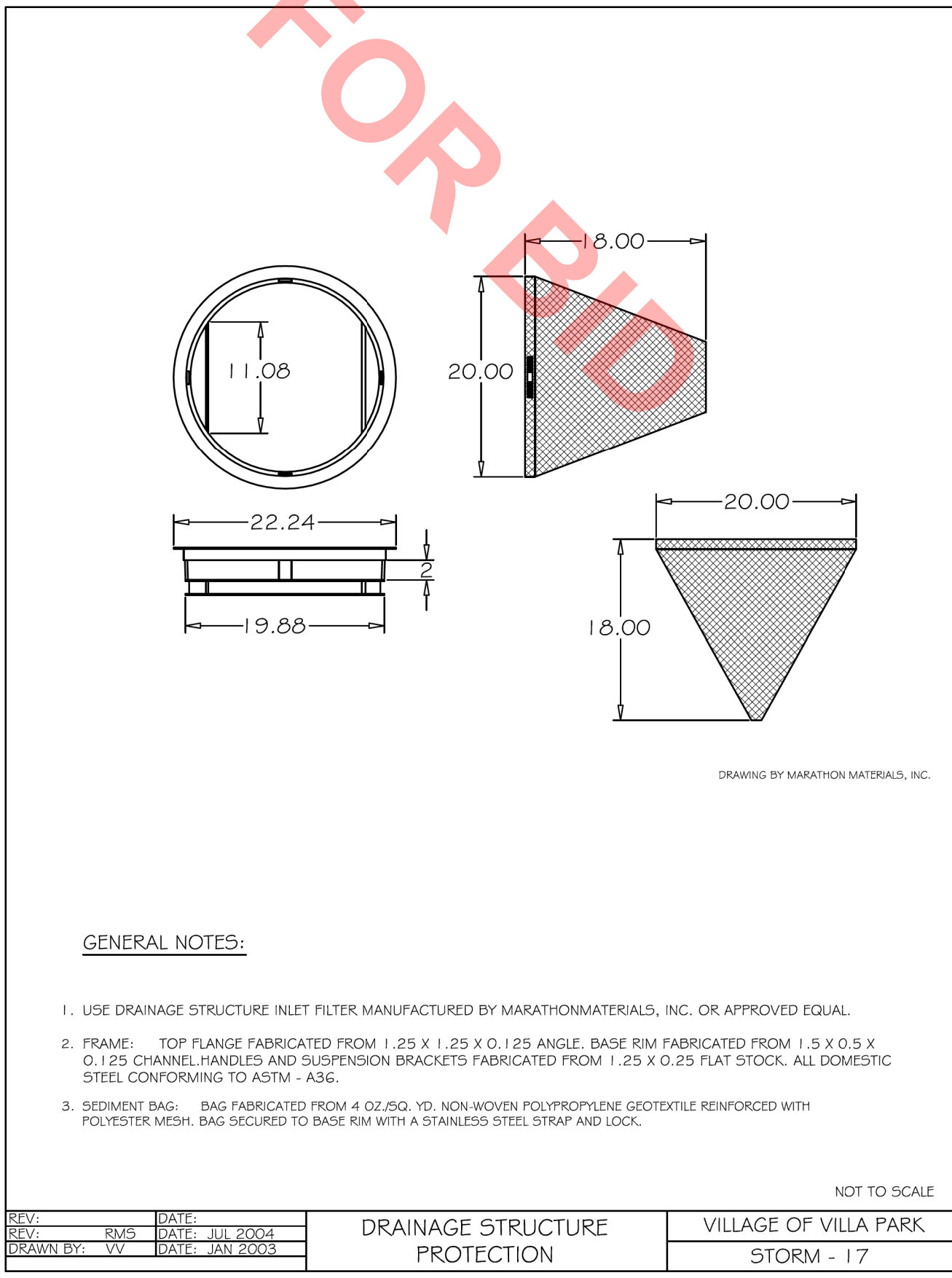
PLAN VIEW

SIGN DETAIL

STRAW BALE ANCHOR SECTIONS

- NOTES:
- Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
 - Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.
 - Each straw bale is to be staked in place using (2) 2"x2"x4" wooden stakes.

DESIGNED	DATE	CHECKED	DATE	APPROVED	DATE
Designed	Date	Checked	Date	Approved	Date



GENERAL NOTES:

- USE DRAINAGE STRUCTURE INLET FILTER MANUFACTURED BY MARATHONMATERIALS, INC. OR APPROVED EQUAL.
- FRAME: TOP FLANGE FABRICATED FROM 1.25 X 1.25 X 0.125 ANGLE. BASE RIM FABRICATED FROM 1.5 X 0.5 X 0.125 CHANNEL. HANDLES AND SUSPENSION BRACKETS FABRICATED FROM 1.25 X 0.25 FLAT STOCK. ALL DOMESTIC STEEL CONFORMING TO ASTM - A36.
- SEDIMENT BAG: BAG FABRICATED FROM 4 OZ./SQ. YD. NON-WOVEN POLYPROPYLENE GEOTEXTILE REINFORCED WITH POLYESTER MESH. BAG SECURED TO BASE RIM WITH A STAINLESS STEEL STRAP AND LOCK.

REV.	DATE	DESCRIPTION	BY
RVS	JUL 2004		
VV	JAN 2005		

SOIL EROSION CONTROL AND SEDIMENT CONTROL NOTES

- SOIL EROSION AND SEDIMENT CONTROL (SESC) FEATURES MUST BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. SOIL DISTURBANCE MUST BE PHASED OR ENACTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES MUST CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY AND/OR PERMANENT MEASURES.
- UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED AT MINIMUM ACCORDING TO THE STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL, REVISED TO LATEST VERSION AS AMENDED. A COPY OF THE APPROVED SOIL EROSION AND SEDIMENT CONTROL (SESC) PLAN MUST BE MAINTAINED ON THE SITE AT ALL TIMES.
- THE EROSION AND SEDIMENT CONTROLS SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED AS DIRECTED BY THE VILLAGE, OR THEIR AUTHORIZED REPRESENTATIVE. ALL ADDITIONAL MEASURES MUST BE IN PLACE WITHIN 3 DAYS OF DISTURBANCE AND ANY EMERGENCY SESC MEASURES MUST BE INSTALLED IMMEDIATELY.
- THE CONTRACTOR MUST CLEAN UP, GRADE THE WORK AREAS AS THE PROJECT PROGRESSES, AND INSTALL EROSION PROTECTION TO ELIMINATE THE CONCENTRATION OF RUNOFF, OR MUST INSTALL APPROPRIATE SEDIMENT CONTROL DEVICES TO TRAP SEDIMENT. PAVEMENT MUST BE CLEANED DAILY OR AS NECESSARY TO REMOVE TRACK-OUT MATERIAL.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DIVERT ALL WATER (GROUND, STORM, AND CONSTRUCTION) DURING CONSTRUCTION IN ORDER TO KEEP THE CONSTRUCTION AREAS FREED OF WATER, BYPASS PUMPING, INCLUDING SILT BAGS AND AN ENERGY DISSIPATION SURFACE FOR THE PUMPS, SHALL NOT BE MEASURED AND PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER OR WATER MAIN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SIZE THE PUMPS APPROPRIATELY.
- DURING DE-WATERING/PUMPING OPERATIONS, ONLY UNCONTAMINATED WATER SHOULD BE ALLOWED TO DISCHARGE TO PROTECTED NATURAL AREAS, WATERS OF THE STATE, OR TO A STORM SEWER SYSTEM (IN ACCORDANCE WITH LOCAL PERMITS). INLET HOSES SHOULD BE PLACED IN A STABILIZED SUMP PIT OR FLOATED AT THE SURFACE OF THE WATER IN ORDER TO LIMIT THE AMOUNT OF SEDIMENT INTAKE. PUMPING OPERATIONS MAY BE DISCHARGED TO A STABILIZED AREA THAT CONSISTS OF AN ENERGY DISSIPATING DEVICE (E.G., STONE), SEDIMENT FILTER BAG, OR BOTH. ADEQUATE EROSION AND SEDIMENT CONTROLS SHOULD BE USED DURING DE-WATERING OPERATIONS AS NECESSARY. DEWATERING SEDIMENT LADEN WATER DIRECTLY INTO FIELD TILES, STORM WATER STRUCTURES, OR "WATERS OF THE US" IS PROHIBITED.
- SEDIMENT CONTROL BMPs SHALL BE CONSTRUCTED AT ALL LOCATIONS WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES THE SITE. THESE LOCATIONS SHALL BE DETERMINED IN THE FIELD, AS NEEDED. GRAVELED ROADS, RUMBLE STRIPS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, MUST BE PROVIDED TO PREVENT THE DEPOSIT OF SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING PUBLIC OR PRIVATE ROADWAY MUST BE REMOVED IMMEDIATELY.
- STOCK PILES OR SOIL MUST NOT BE LOCATED IN FLOOD PLAINS, RIPARIAN AREAS (VEGETATED FLOOD PLAINS), WETLANDS AND WATERS OF THE U.S., UNLESS OTHERWISE AUTHORIZED BY THE RELEVANT PERMITTING AUTHORITY. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, PERIMETER SEDIMENT BARRIER MUST BE PROVIDED AT THE CONTRACTOR'S EXPENSE.
- ALL PROPOSED AND EXISTING STORM SEWER INLET STRUCTURES (INCLUDING INLETS LOCATED WITHIN THE HAUL ROUTES) MUST BE PROTECTED WITH STORM SEWER INLET PROTECTION (I.E. INLET FILTERS) PER INLET PROTECTION DETAILS IN THE PLANS.
- STABILIZATION OF DISTURBED AREAS MUST, AT A MINIMUM, BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING, OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF STABILIZATION WORK IN AN AREA. EXCEPTIONS TO THESE TIME FRAMES ARE SPECIFIED AS FOLLOWS:
 - WHERE THE INITIATION OF STABILIZATION MEASURES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.
 - ON AREAS WHERE CONSTRUCTION ACTIVITY CEASED AND WILL RESUME AFTER 14 DAYS, A TEMPORARY STABILIZATION METHOD CAN BE USED.
- THE VILLAGE SHALL PROVIDE A QUALIFIED PERSON WHO WILL BE RESPONSIBLE FOR CONDUCTING SITE INSPECTIONS IN COMPLIANCE WITH THE ILRLO NPDES PERMIT. AFTER EACH INSPECTION, A REPORT SHOULD BE PREPARED BY THE PERSON WHO PERFORMED THE INSPECTION. THE INSPECTION REPORT SHOULD BE MAINTAINED ON SITE AS PART OF THE PLAN. INSPECTIONS SHOULD BE CONDUCTED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM, OR BY THE END OF THE FOLLOWING BUSINESS OR WORK DAY, THAT IS 0.5 INCHES OR GREATER.

INSPECTIONS MAY BE REDUCED TO ONCE PER MONTH WHEN CONSTRUCTION ACTIVITIES HAVE CEASED DUE TO FROZEN CONDITIONS. INSPECTIONS MUST COMMENCE WHEN CONSTRUCTION ACTIVITIES ARE CONDUCTED, OR IF THERE IS A 0.5" OR GREATER RAIN EVENT, OR DISCHARGE DUE TO SNOWMELT OCCURS.

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 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

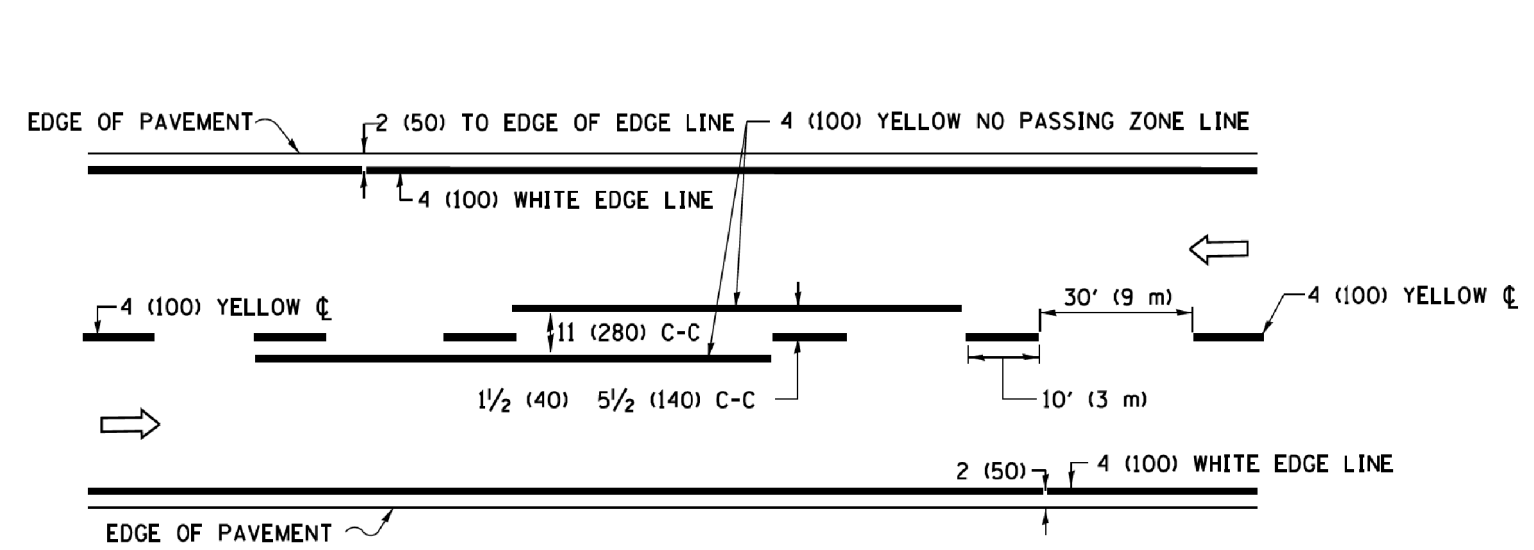
CLIENT:

VILLAGE OF VILLA PARK
 20 S. Ardmore Ave.
 Villa Park, IL 60181-2696

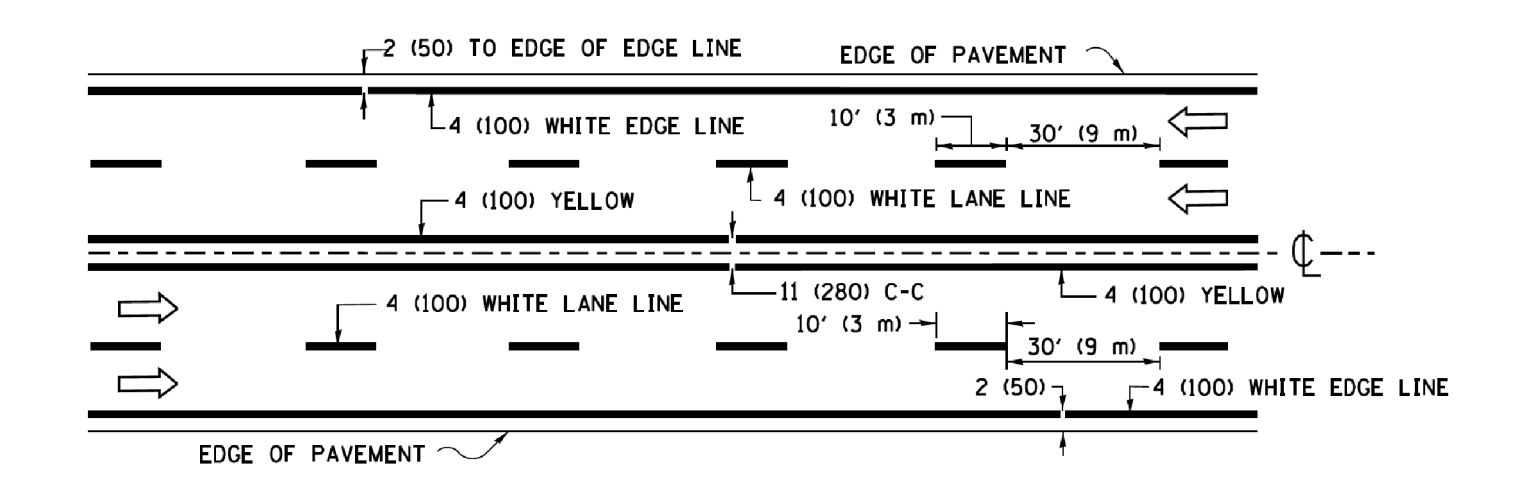
NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:
FILE NAME	N:\VILLAPARK\140092.000\9\CIVIL\HARVARD_SOUTH_DET_140092_HARV_PLYMOUTH_S_03.SHT			

TITLE:
**HARVARD AVENUE IMPROVEMENTS
 JEFFERSON PARK TO PLYMOUTH ST.
 CONSTRUCTION DETAILS**

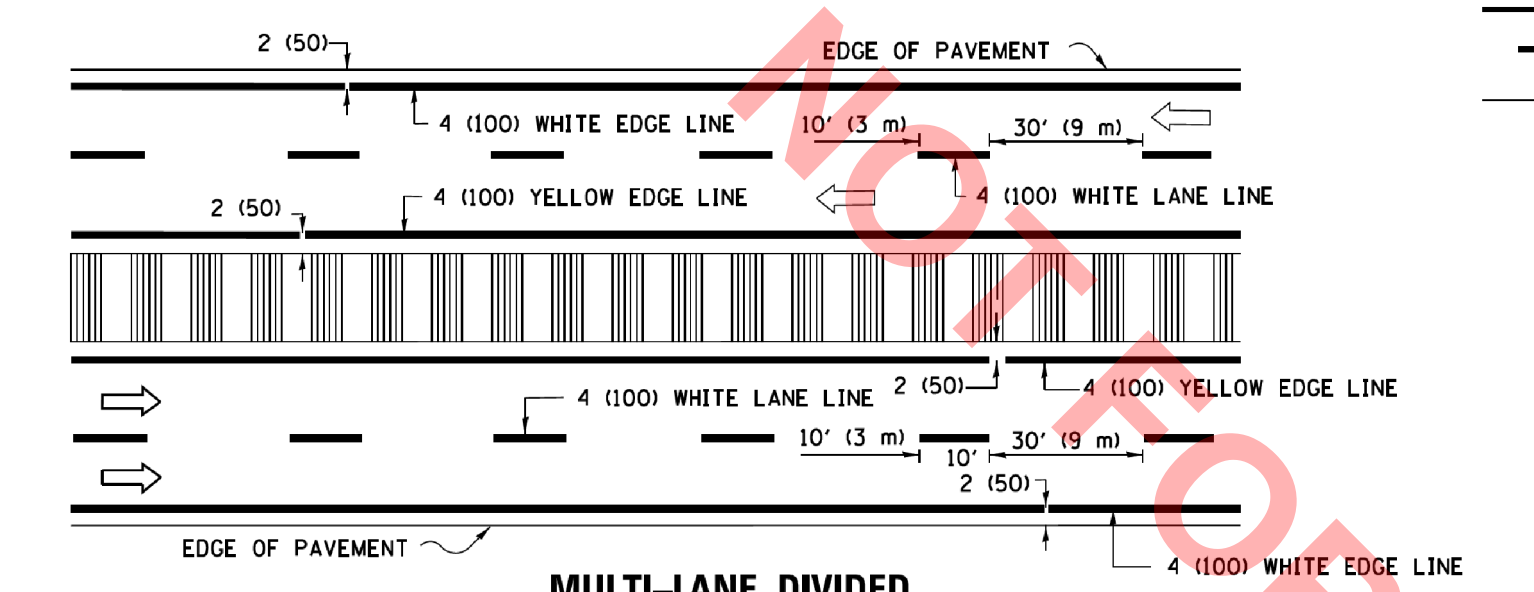
PROJ. NO.	140092.00019
DATE:	11/9/2020
SHEET	14 OF 22
DRAWING NO.	DET-3



2-LANE ROADWAY

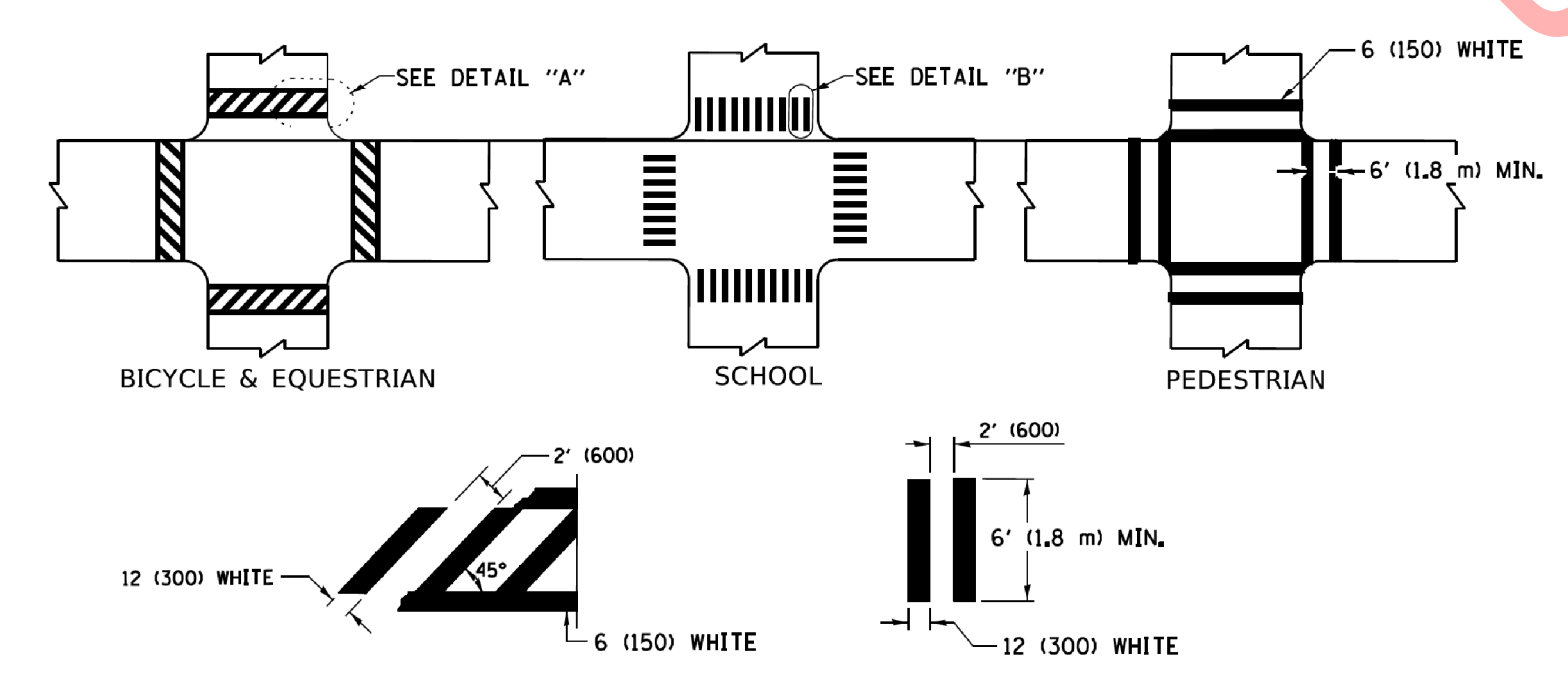


MULTI-LANE UNDIVIDED



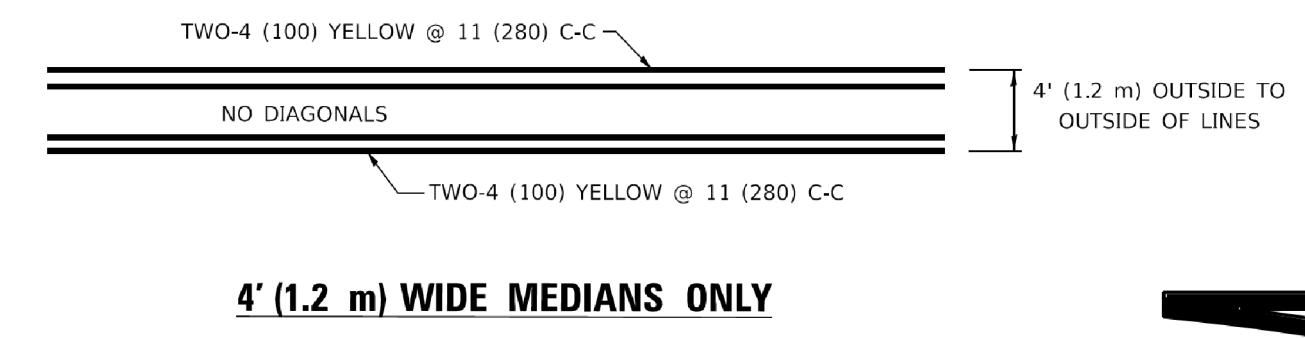
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

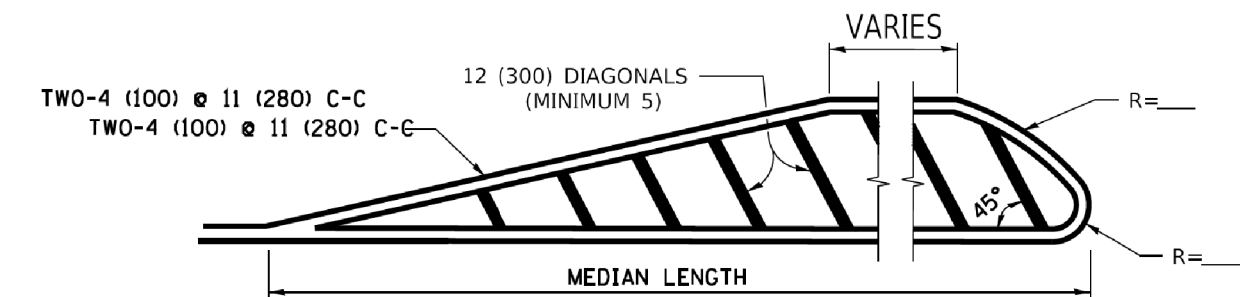


TYPICAL CROSSWALK MARKING

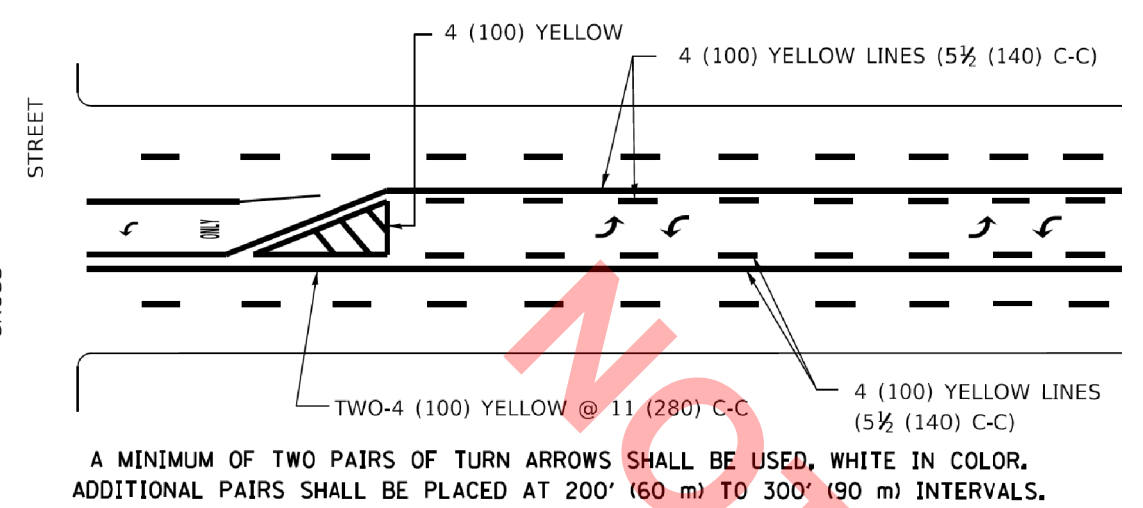
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



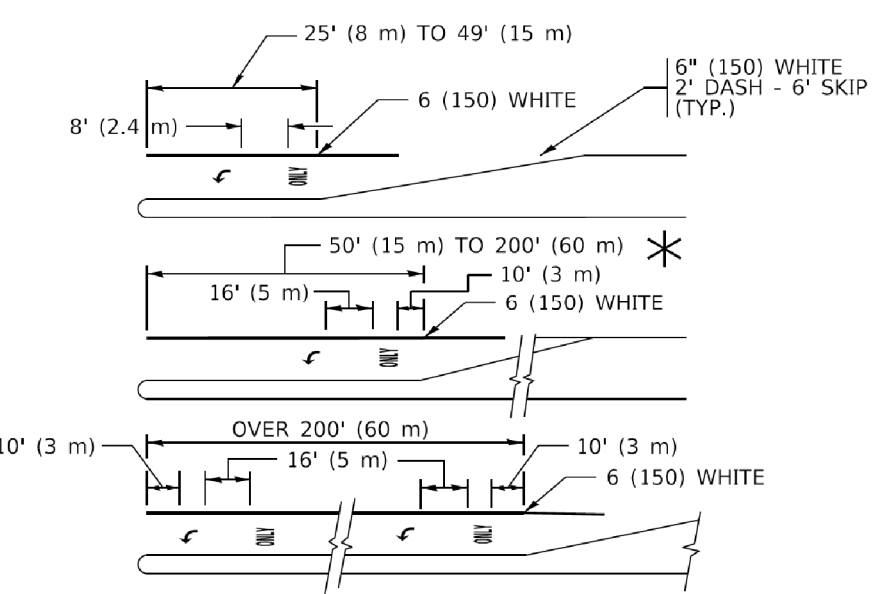
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE



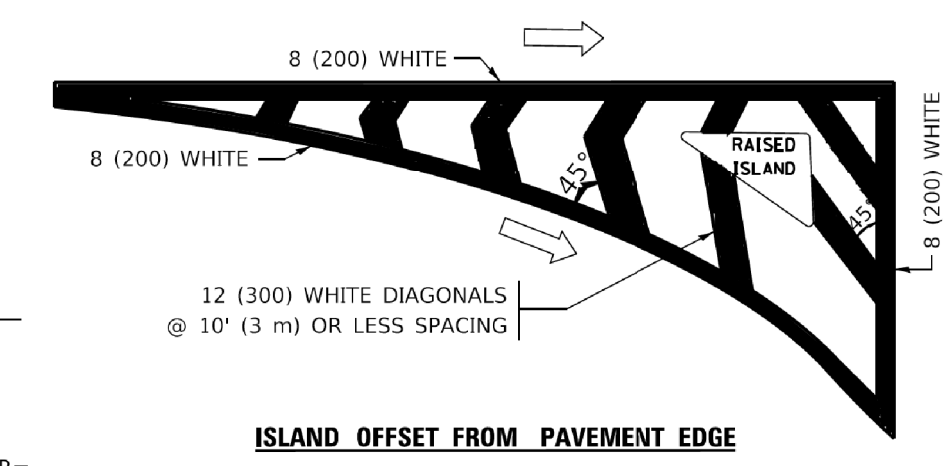
TYPICAL PAINTED MEDIAN MARKING



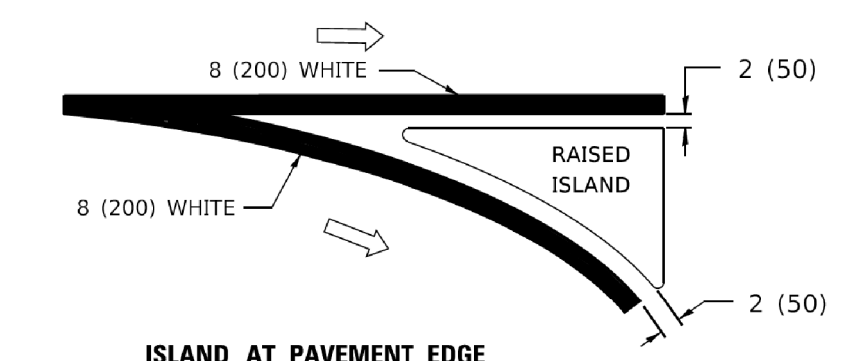
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.6 SQ. FT. (1.5 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

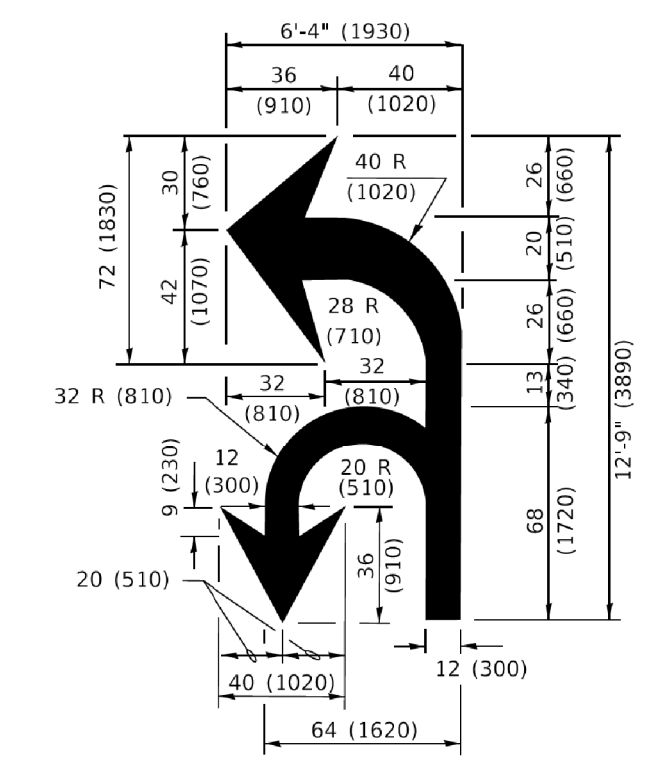


ISLAND OFFSET FROM PAVEMENT EDGE

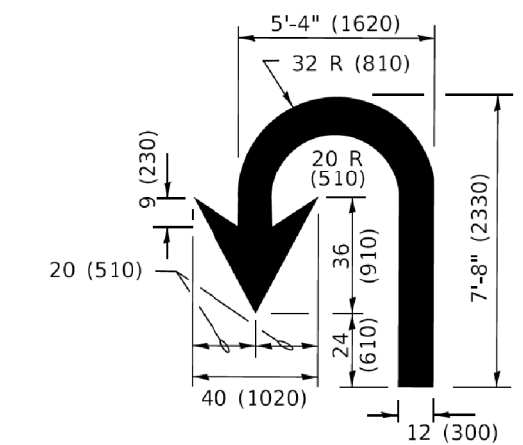


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

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	5 1/2' (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 MEDIANS 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) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	30' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2' (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 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 MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW WHITE WHITE	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 > 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 ARROW 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 = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
PLOT SCALE = 50.0000' / 1"	DRAWN -	REVISED - C. JUCIUS 07-01-13
PLOT DATE = 3/4/2019	CHECKED -	REVISED - C. JUCIUS 12-21-15
	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-13			
ILLINOIS		CONTRACT NO.		

CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

CLIENT:

VILLAGE OF VILLA PARK
 20 S. Ardmore Ave.
 Villa Park, IL 60181-2696

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:
				Default

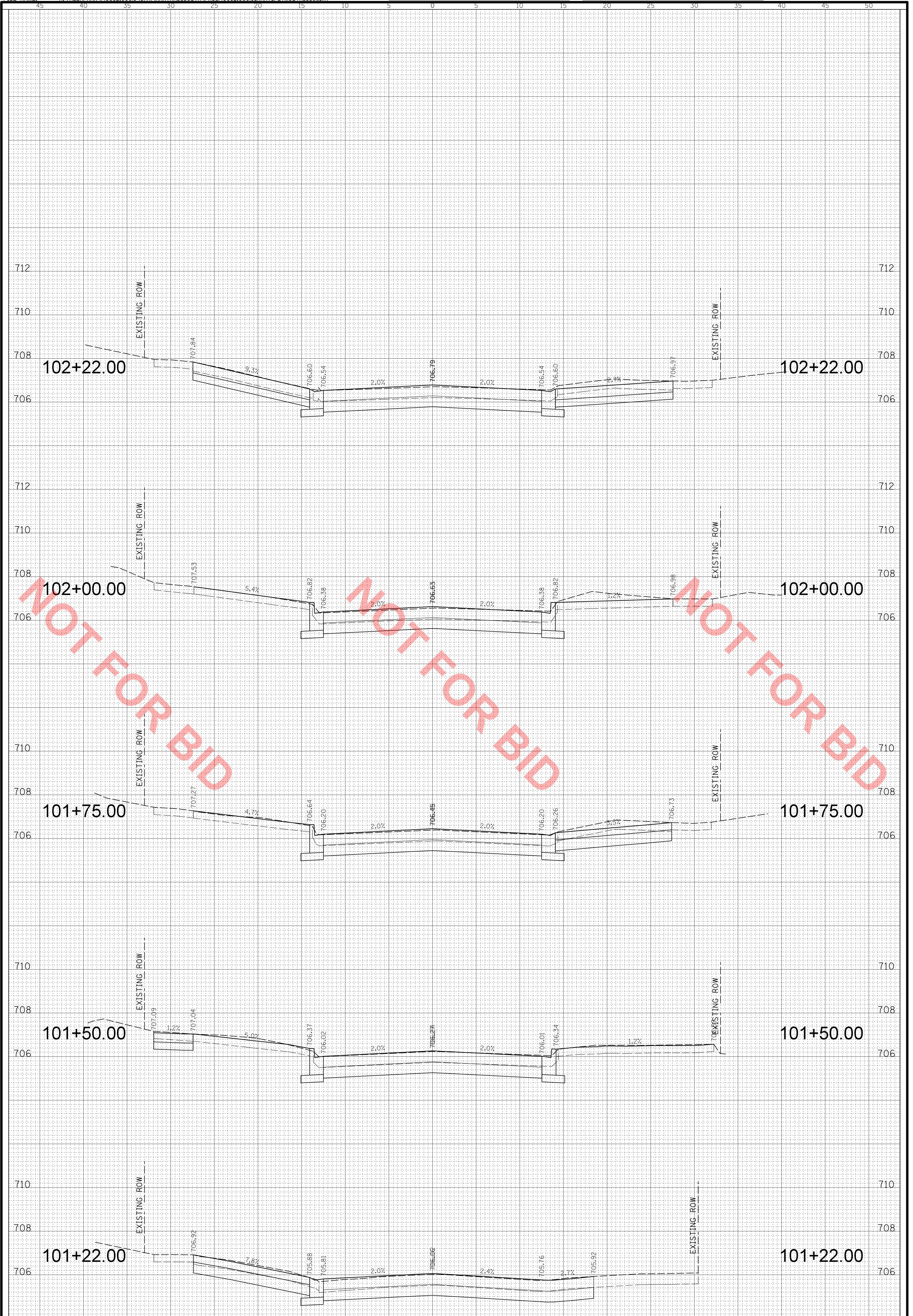
TITLE:
**HARVARD AVENUE IMPROVEMENTS
JEFFERSON PARK TO PLYMOUTH ST.
CONSTRUCTION DETAILS**

PROJ. NO. 140092.00019
DATE: 11/9/2020
SHEET 15 OF 22
DRAWING NO.
DET-4

NO.	DESCRIPTION	DATE	BY	CHKD.	DESC.

NO.	DESCRIPTION	DATE	BY	CHKD.	DESC.

FILE NAME: N:\VILLA PARK\140092.00019\CIVIL\HARVARD_SOUTH\PCS_140092.00019_HARV_PLYMOUTH_S_01.SHT



NOT FOR BID

NOT FOR BID

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 Rosemont, Illinois 60018
 (847) 823-0500

CLIENT:  **VILLAGE OF VILLA PARK**
 20 S. Ardmore Ave.
 Villa Park, IL 60181-2696

DSGN.	AJS
DWN.	AJS
CHKD.	BMW
SCALE:	HORZ. 5 VERT. 2
PLOT DATE:	11/9/2020
CAD USER:	oschaefer
MODEL:	Default

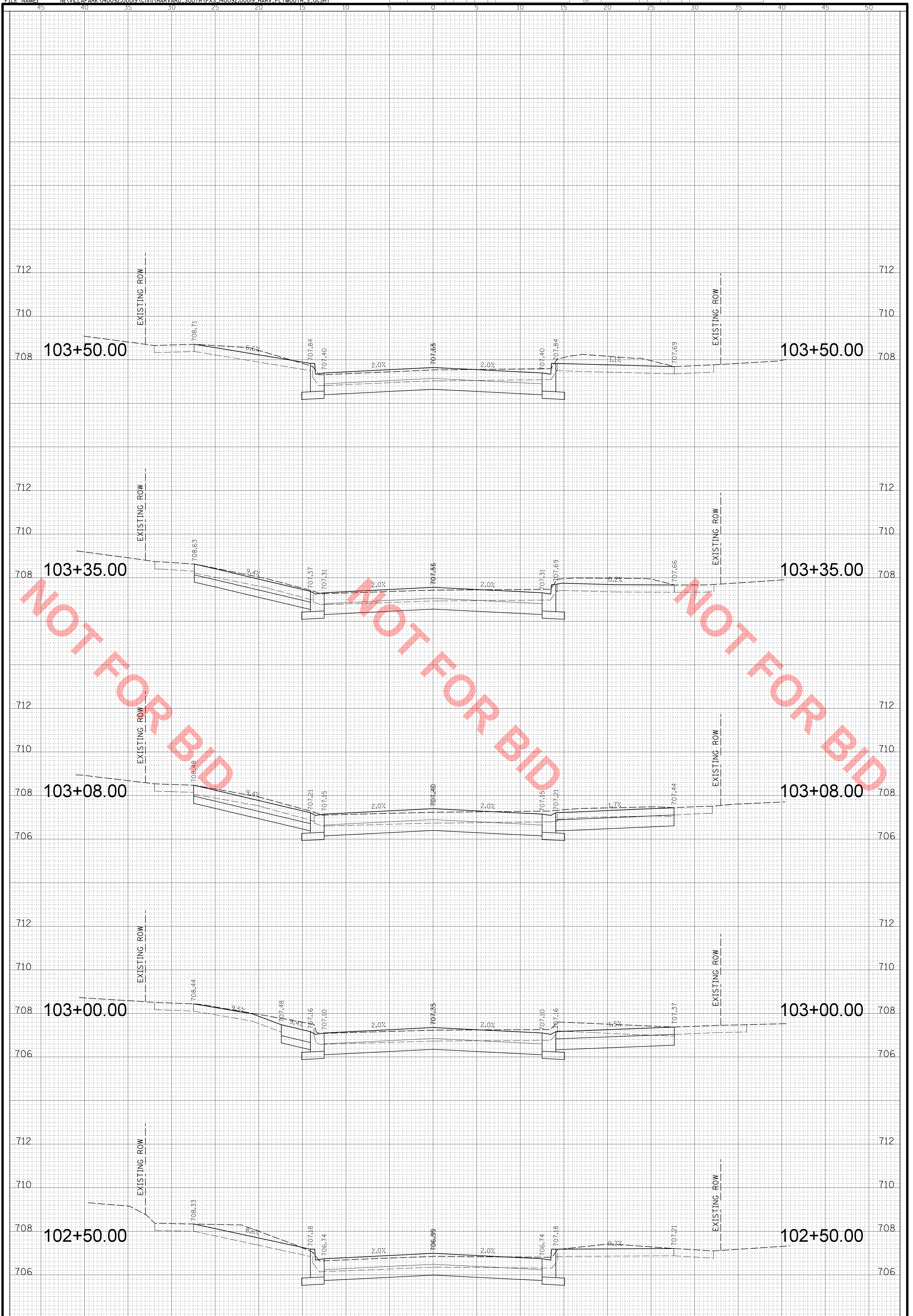
TITLE: **HARVARD AVENUE**
STA. 101 + 22.00 - STA. 102 + 22.00
CROSS SECTIONS

PROJ. NO. 140092.00019
 DATE: 11/9/2020
 SHEET 16 OF 22
 DRAWING NO.
XS1

NO.	DESCRIPTION	DATE	BY	CHKD.

NO.	DESCRIPTION	DATE	BY	CHKD.

FILE NAME: N:\VILLAPARK\140092.00019\CIVIL\HARVARD_SOUTH\PCS_140092.00019_HARV_PLYMOUTH_S_01.SHT



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CLIENT: **Village of Villa Park**
 20 S. Ardmore Ave.
 Villa Park, IL 60181-2696

DSGN.	AJS
DWN.	AJS
CHKD.	BMW
SCALE:	HORZ. 5 VERT. 2
PLOT DATE:	11/9/2020
CAD USER:	oschaefer
MODEL:	Default

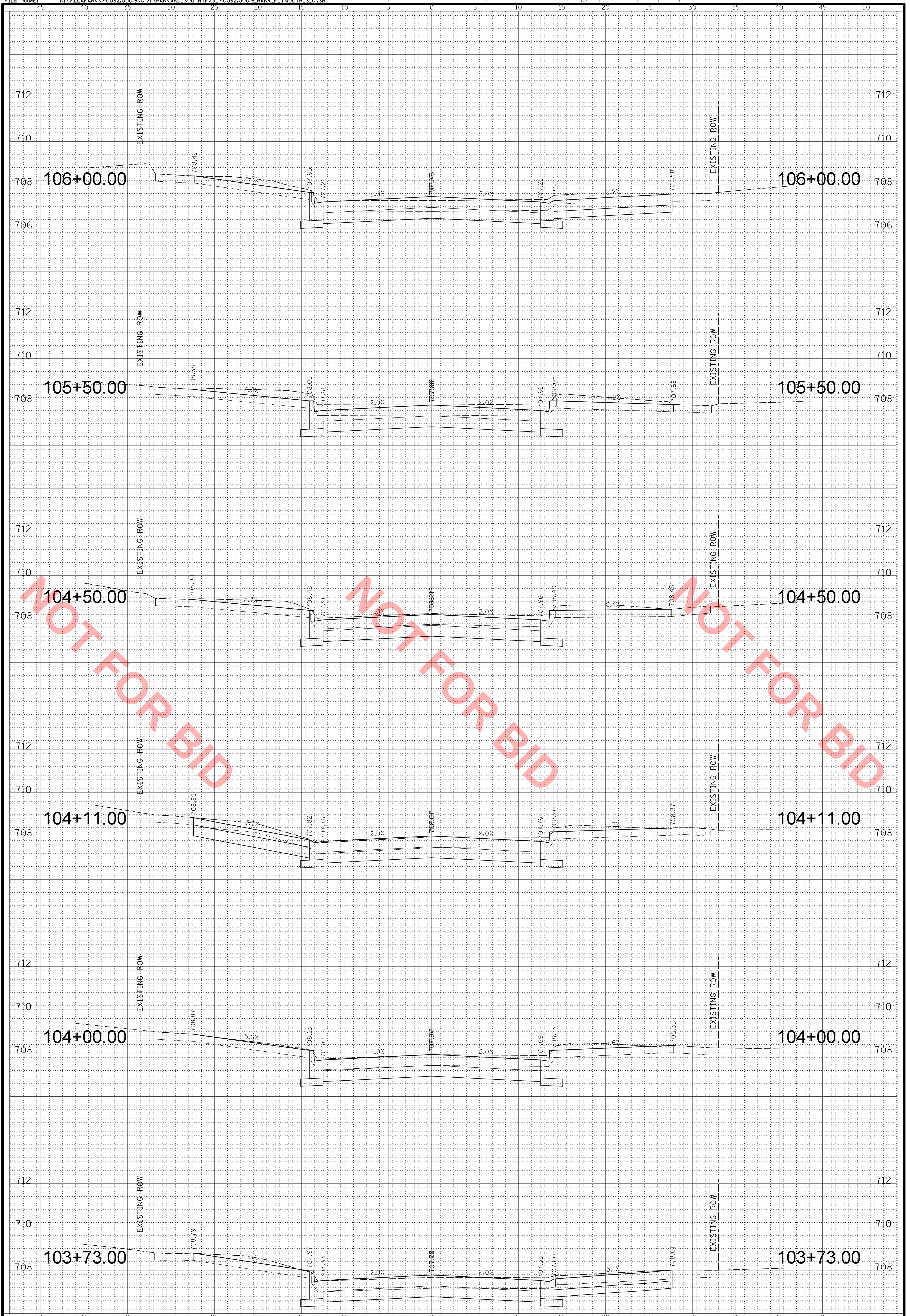
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STA. 102 + 50.00 - STA. 103 + 50.00
CROSS SECTIONS

PROJ. NO. 140092.00019
 DATE: 11/9/2020
 SHEET 17 OF 22
 DRAWING NO.

XS2

NO.	DATE	BY	CHKD.	DESC.

FILE NAME: N:\VILLAPARK\140092.00019\CIVIL\HARVARD_SOUTH\PCS_140092.00019_HARV_PLYMOUTH_S_01.SHT



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CLIENT: **VILLA PARK**
 VILLAGE OF VILLA PARK
 20 S. Ardmore Ave.
 Villa Park, IL 60181-2696

DSGN.	AJS
DWN.	AJS
CHKD.	BMW
SCALE:	HORZ. 5 VERT. 2
PLOT DATE:	11/9/2020
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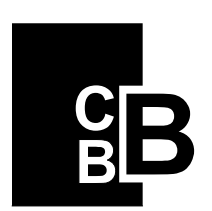
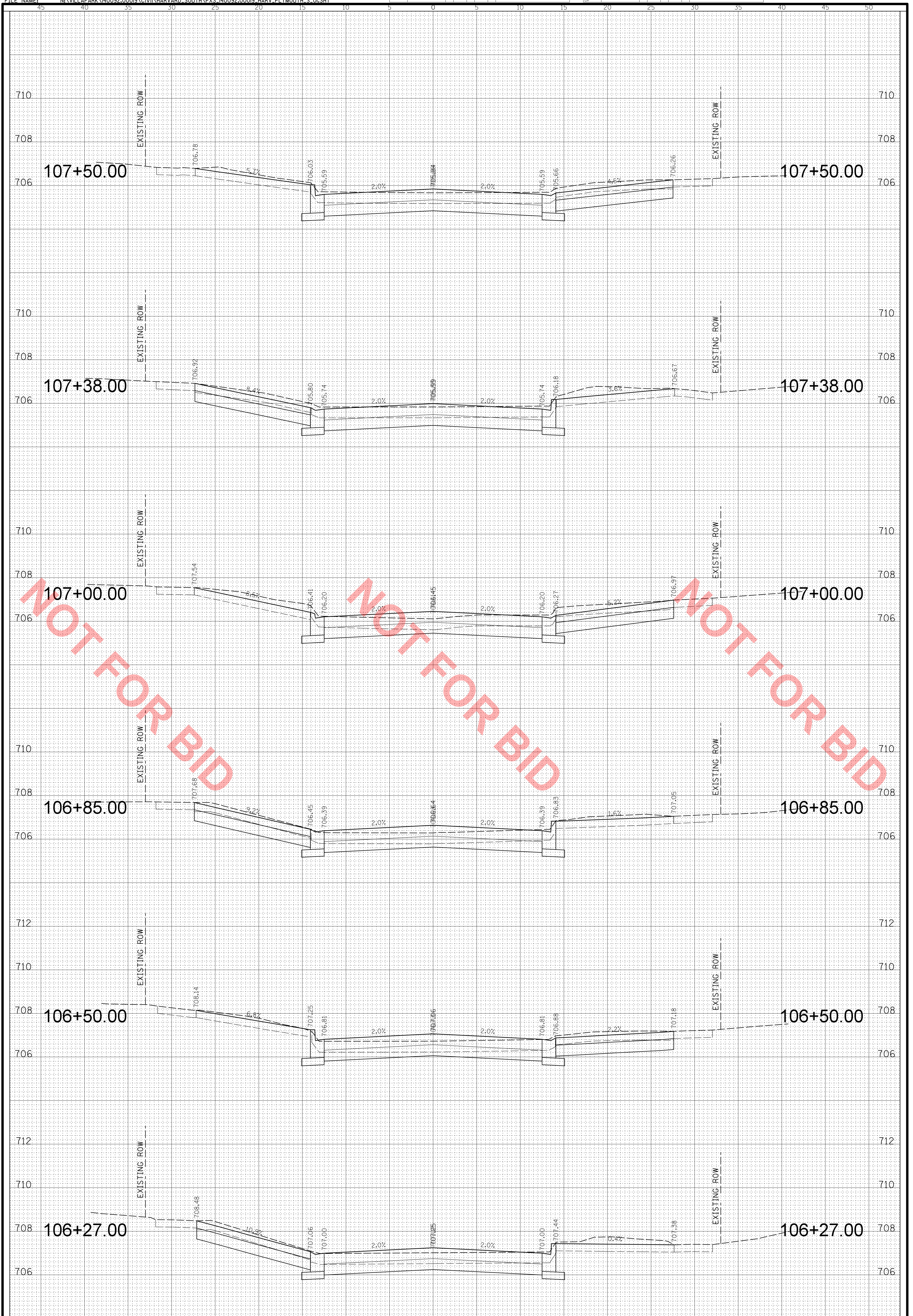
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HARVARD AVENUE
STA. 103 + 73.00 - STA. 106 + 00.00
CROSS SECTIONS

PROJ. NO. 140092.00019
 DATE: 11/9/2020
 SHEET 18 OF 22
 DRAWING NO.
XS3

NO.	DATE	BY	CHKD.	DESC.

NO.	DATE	BY	CHKD.	DESC.

FILE NAME: N:\VILLAPARK\140092.00019\CIVIL\HARVARD_SOUTH\PCS_140092.00019_HARV_PLYMOUTH_S_01.SHT



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 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500



CLIENT: **VILLA PARK**
VILLAGE OF VILLA PARK
 20 S. Ardmore Ave.
 Villa Park, IL 60181-2696

DSGN.	AJS
DWN.	AJS
CHKD.	BMW
SCALE:	HORZ. 5 VERT. 2
PLOT DATE:	11/9/2020
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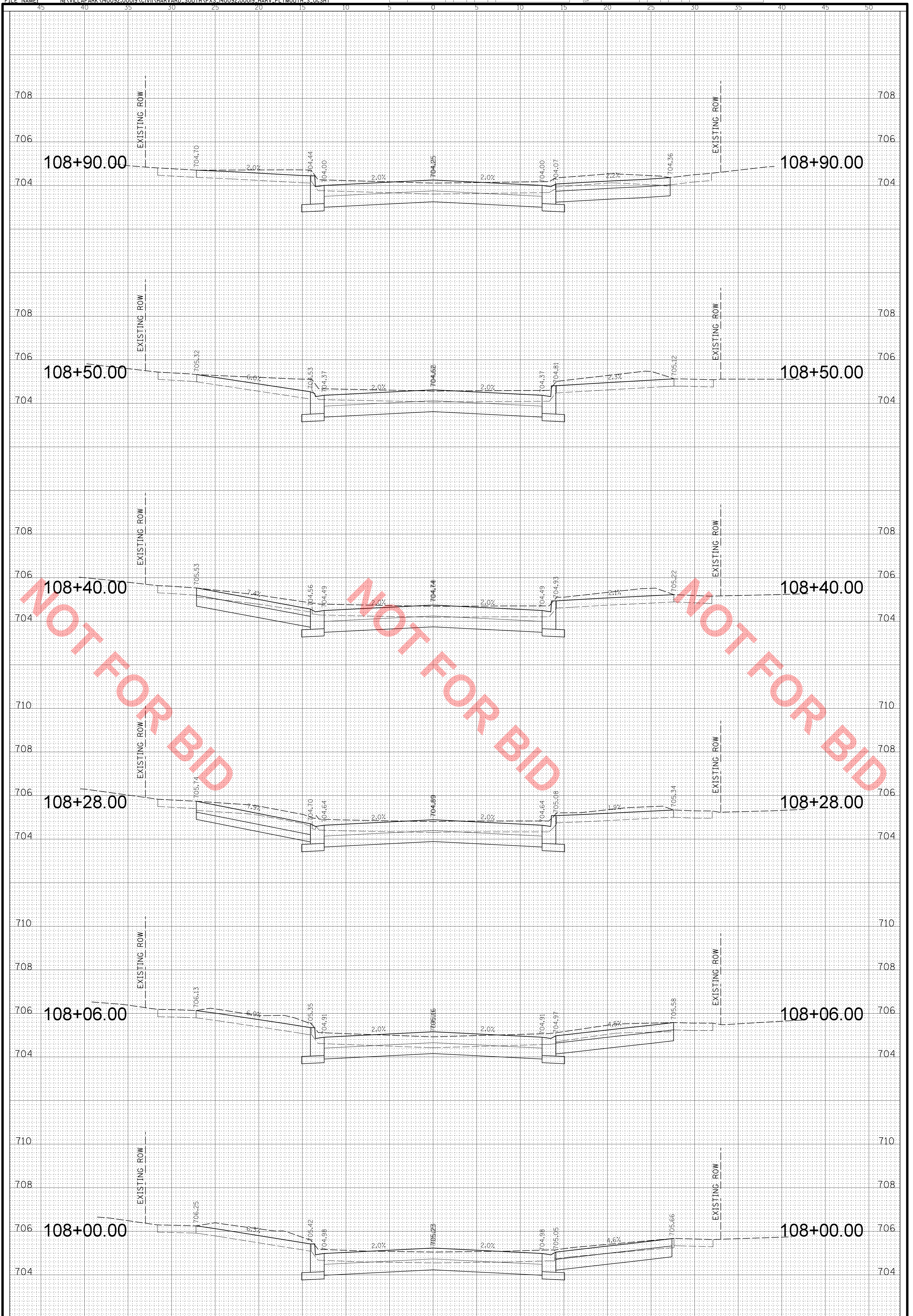
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HARVARD AVENUE
STA. 106 + 27.00 - STA. 107 + 50.00
CROSS SECTIONS

PROJ. NO. 140092.00019
 DATE: 11/9/2020
 SHEET 19 OF 22
 DRAWING NO.

XS4

NO.	DATE	BY	CHKD.	DESC.

FILE NAME: N:\VILLAPARK\140092.00019\CIVIL\HARVARD_SOUTH\PCS_140092.00019_HARV_PLYMOUTH_S_01.SHT



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 Rosemont, Illinois 60018
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VILLAGE OF VILLA PARK
 20 S. Ardmore Ave.
 Villa Park, IL 60181-2696

DSGN.	AJS
DWN.	AJS
CHKD.	BMW
SCALE:	HORZ. 5 VERT. 2
PLOT DATE:	11/9/2020
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MODEL:	Default

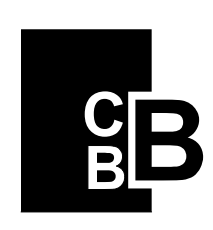
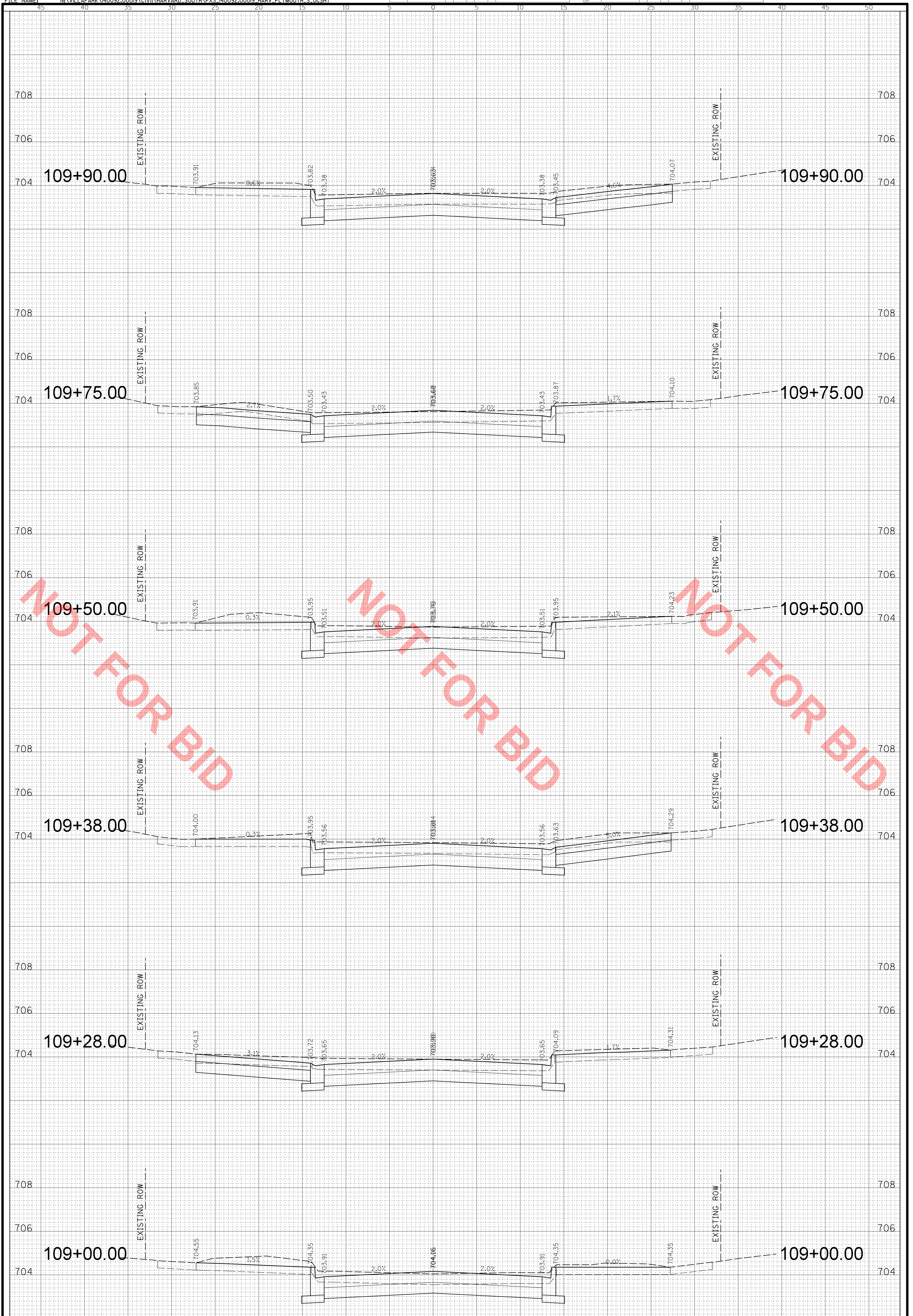
TITLE:
HARVARD AVENUE
STA. 108 + 00.00 - STA. 108 + 90.00
CROSS SECTIONS

PROJ. NO. 140092.00019
 DATE: 11/9/2020
 SHEET 20 OF 22
 DRAWING NO.

XS5

NO.	DATE	BY	CHKD.	DESC.

FILE NAME: N:\VILLAPARK\140092.00019\CIVIL\HARVARD_SOUTH\PCS_140092.00019_HARV_PLYMOUTH_S_01.SHT



CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500



CLIENT: **VILLAGE OF VILLA PARK**
 20 S. Ardmore Ave.
 Villa Park, IL 60181-2696

DSGN.	AJS
DWN.	AJS
CHKD.	BMW
SCALE:	HORZ. 5 VERT. 2
PLOT DATE:	11/9/2020
CAD USER:	dschaefer
MODEL:	Default

TITLE: **HARVARD AVENUE**
STA. 109 + 00.00 - STA. 109 + 90.00
CROSS SECTIONS

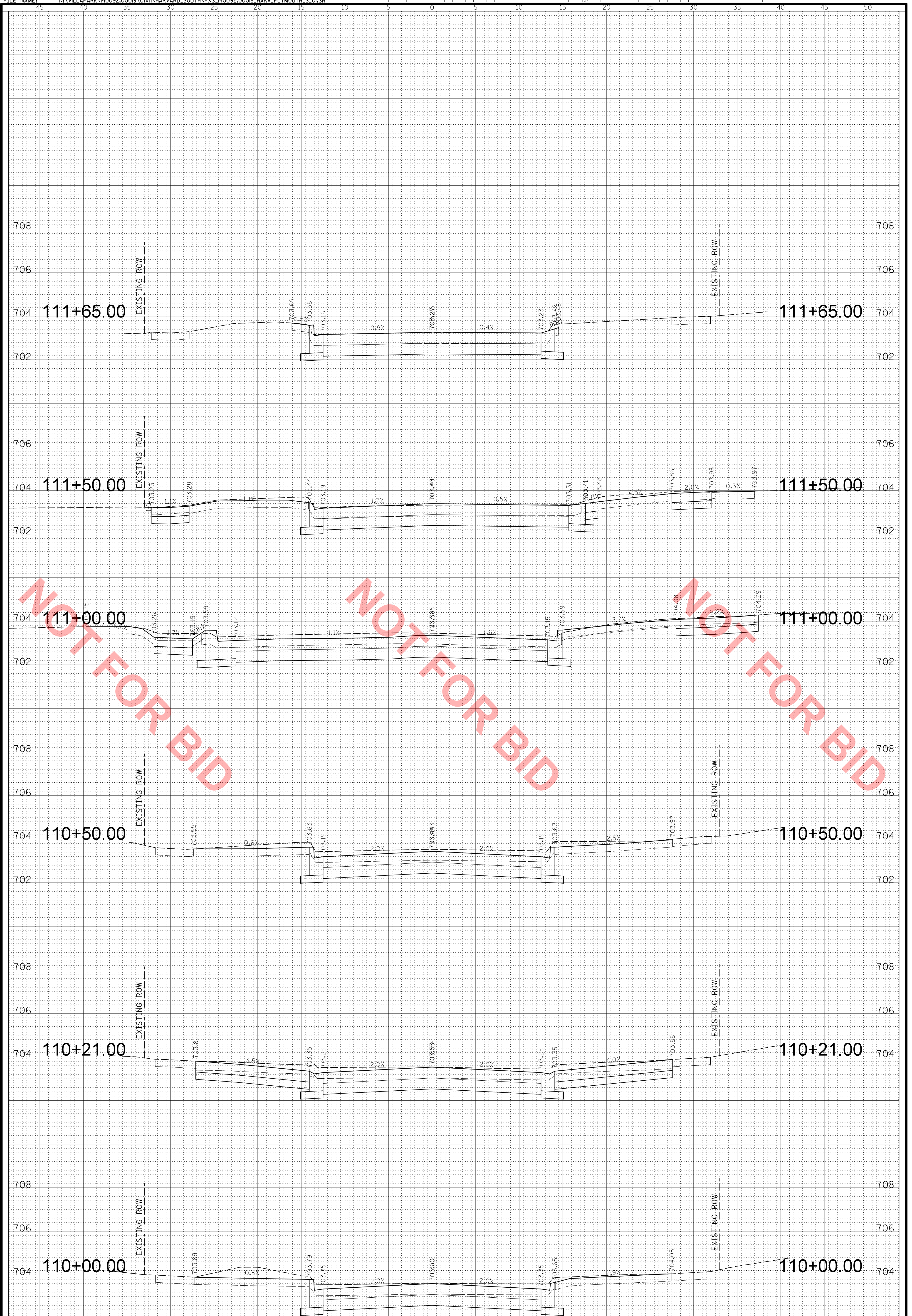
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DATE:	11/9/2020
SHEET	21 OF 22
DRAWING NO.	

XS6

NO.	DESCRIPTION	DATE	BY	CHKD.	REVISION

NO.	DESCRIPTION	DATE	BY	CHKD.	REVISION

FILE NAME: N:\VILLAPARK\140092.00019\CIVIL\HARVARD_SOUTH\PCS_140092.00019_HARV_PLYMOUTH_S_01.SHT



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 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500



CLIENT:
VILLA PARK
 THE GARDEN VILLAGE
 VILLAGE OF VILLA PARK
 20 S. Ardmore Ave.
 Villa Park, IL 60181-2696

DSGN.	AJS
DWN.	AJS
CHKD.	BMW
SCALE:	HORZ. 5 VERT. 2
PLOT DATE:	11/9/2020
CAD USER:	aschaefer
MODEL:	Default

TITLE:
HARVARD AVENUE
STA. 110 + 00.00 - STA. 111 + 65.00
CROSS SECTIONS

PROJ. NO. 140092.00019
 DATE: 11/9/2020
 SHEET 22 OF 22
 DRAWING NO.
XS7