

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	N/A	DUPAGE	50	1
		ILLINOIS	CONTRACT NO.	

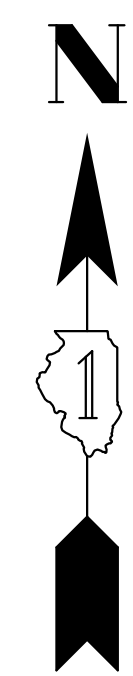
VILLAGE OF VILLA PARK, ILLINOIS

WASHINGTON STREET SEWER SEPARATION

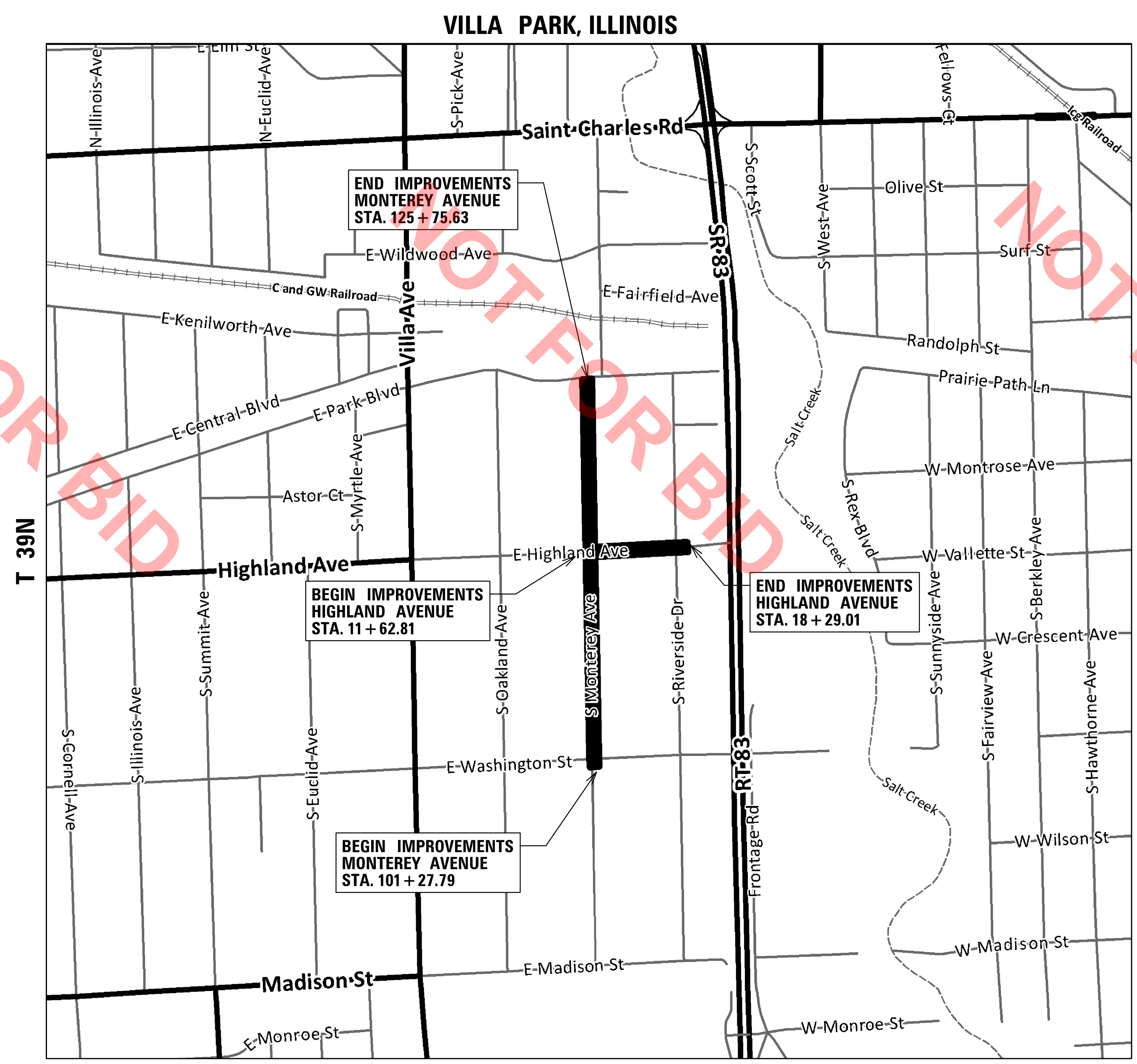
PHASE 1

DUPAGE COUNTY, ILLINOIS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

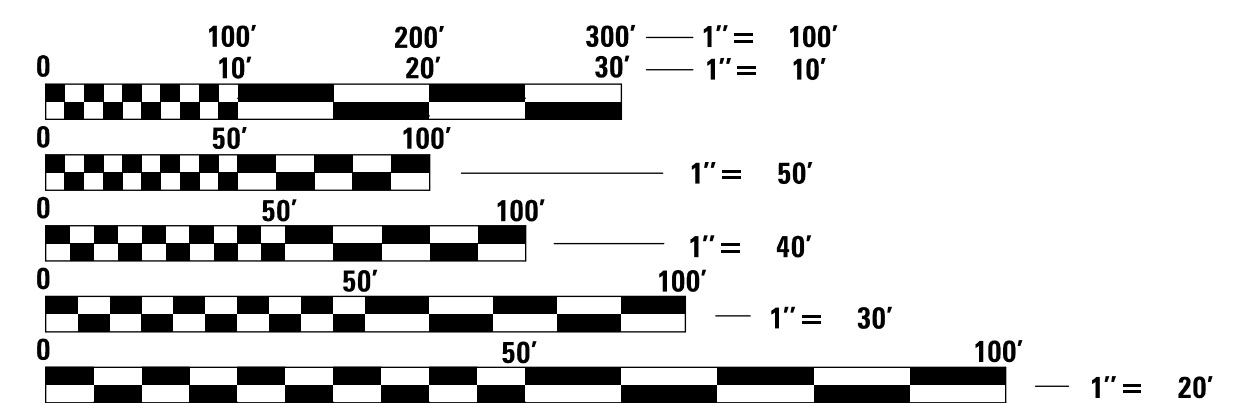


THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/DIRECTION AND MEANS/METHODS OF CONSTRUCTION



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

R 11E

— PROJECT LOCATION

GROSS LENGTH = 3114.0 FT. = 0.59 MILES
 NET LENGTH = 3114.0 FT. = 0.59 MILES

ALEX J. SCHAEFER
 062-071146 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

Alex Schaefer
 ENGINEER DATE 4/14/2022

ALEX SCHAEFER, P.E.
 ILLINOIS REGISTRATION No. 062-071146
 EXPIRATION DATE: 11/2023

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: 04/30/23

GENERAL NOTES

INDEX OF SHEETS

DESCRIPTION	SHEET NO.
TITLE SHEET	1
INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES	2
SUMMARY OF QUANTITIES	3
TYPICAL SECTIONS	4-5
ALIGNMENT, TIES, AND BENCHMARKS	6-7
EXISTING CONDITIONS AND REMOVAL PLAN	8-11
UTILITY PLAN AND PROFILE	12-18
UTILITY AND GRADING PLAN – 419 MONTEREY AVENUE	19
ROADWAY PLAN AND PROFILE – MONTEREY AVENUE	20-24
ROADWAY PLAN – HIGHLAND AVENUE	25
CONSTRUCTION DETAILS	26-31
PROPOSED ROADWAY CROSS SECTIONS – MONTEREY AVENUE	32-50

VILLA PARK STANDARD CONSTRUCTION DETAILS

SANITARY-04 – DROP CONNECTION TO SANITARY MANHOLE
SANITARY-05 – STANDARD MANHOLE
SANITARY-08 – PIPE INSTALLATION
SANITARY-10 – SANITARY TEE/WYE
STORM-01 – CATCH BASIN TYPE “C”
STORM-15 – INLET TYPE A
STORM-16 – CATCH BASIN TYPE “A”
STORM-17 – DRAINAGE STRUCTURE PROTECTION
STREET-02 – COMBINATION CONCRETE CURB AND GUTTER
STREET-03 – TYPICAL DRIVEWAY APPROACH
STREET-07 – TYPICAL PAVEMENT CROSS SECTION
WATER-04 – FIRE HYDRANT SETTING
WATER-12 – TYPICAL WATER TAP
WATER-13 – WATER AND SEWER SERVICE SEPARATION
WATER-14 – WATER VALVE IN VAULT
WATER-22 – THRUST BLOCK INSTALLATION
WATER-25 – WATERMAIN RELOCATION
IDOT HIGHWAY STANDARDS
000001-08 - STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07 - TEMPORARY EROSION CONTROL SYSTEMS
424001-11 - PERPENDICULAR CURB RAMPS FOR SIDEWALKS
442201-03 - CLASS C AND D PATCHES
542301-03 - PRECAST REINFORCED CONCRETE FLARED END SECTION
602406-11 - PRECAST MANHOLE TYPE A 6' DIAMETER
602421-09 - PRECAST MANHOLE TYPE A 9' DIAMETER
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
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 JANUARY 1, 2022; 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” LATEST EDITION, THE “DETAILS” IN THE PLANS AND THE “SPECIAL PROVISIONS” INCLUDED IN THE CONTRACT DOCUMENTS.
- ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR 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).
- PORTIONS OF NICOR GAS MAINS WITHIN THE PROJECT LIMITS WERE RELOCATED IN 2019 TO FACILITATE THE CONSTRUCTION OF THIS PROJECT. THE NICOR FACILITIES SHOWN ON THE PLANS REFLECT THE DESIGN DRAWINGS PROVIDED BY NICOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
- 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.
- 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.
- ALL WATER SERVICES IN CONFLICT WITH NEW IMPROVEMENTS SHALL BE REMOVED AND REPLACED FROM THE WATER MAIN TO THE B-BOX. NO HOME OR BUSINESS SHALL BE WITHOUT WATER OVERNIGHT.
- 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.
- ALL DIMENSIONS AND COORDINATES SHOWN ON THE PLANS ARE TO THE EDGE OF PAVEMENT, EXCEPT FOR THE SEWER STRUCTURES NOT IN THE CURB LINE, WHICH ARE TO THE CENTER OF STRUCTURE.
- EXISTING AND PROPOSED WATER MAIN IS ONLY SHOWN ON THE UTILITY PROFILE WHEN ITS ELEVATION IS CRITICAL TO AVOID CONFLICTS WITH EXISTING AND PROPOSED SEWERS. ALL PROPOSED WATER MAIN SHALL BE INSTALLED A MINIMUM OF 5.5' DEEP UNLESS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED/APPROVED BY THE ENGINEER.
- ALL SHEETING, SHORING AND OTHER TEMPORARY MEASURES NECESSARY TO MITIGATE EXISTING SOIL CONDITIONS AND CONSTRUCT THE SEWER AND WATER IMPROVEMENTS SHALL BE INCLUDED IN THE COST OF THE SEWER AND WATER PIPE.
- 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.

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.
- 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 THOROUGHFARES 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 FORM 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.
- ALL SAW CUTTING SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.
- 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.

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 AVENUE
 VILLA PARK, IL 60181-2696

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TITLE:

WASHINGTON STREET SEWER SEPARATION – PHASE 1 INDEX OF SHEETS, HIGHWAY STANDARDS & GENERAL NOTES

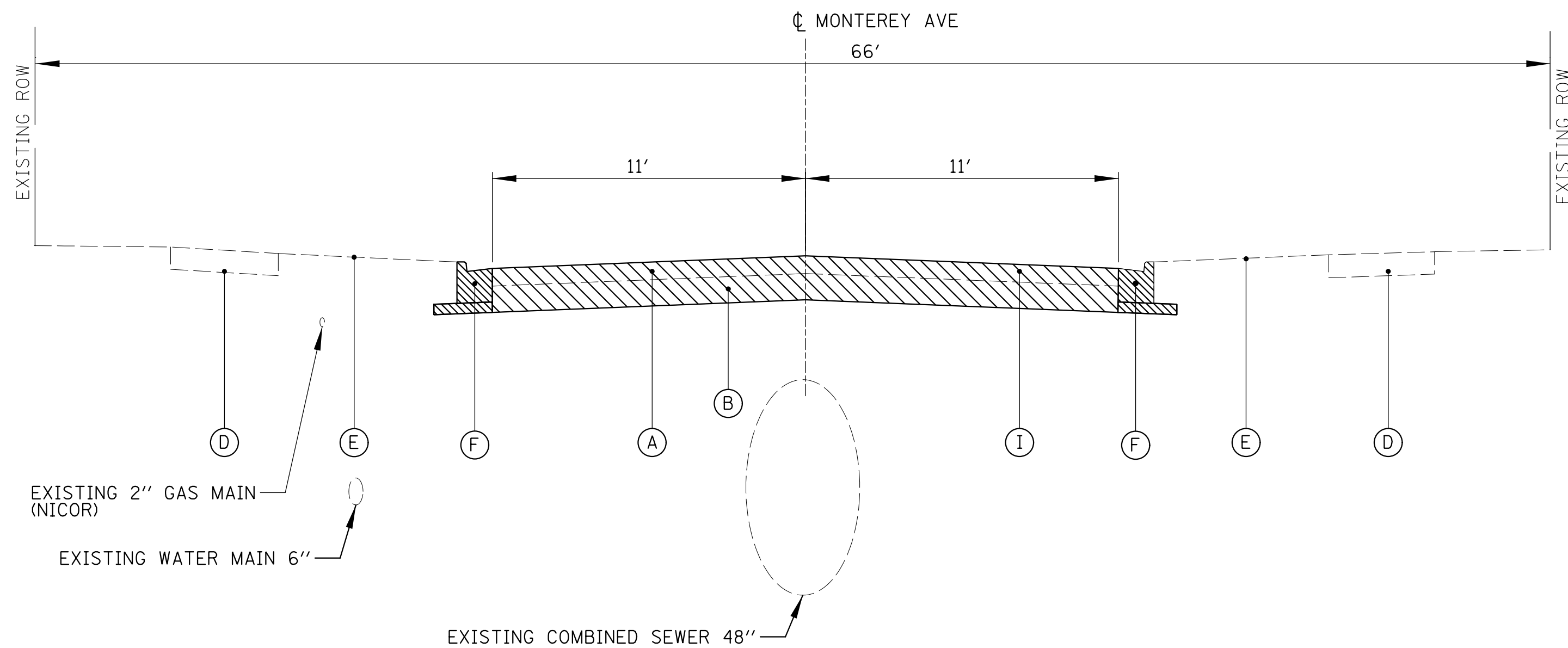
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DATE: 4/14/2022

SHEET 2 OF 50

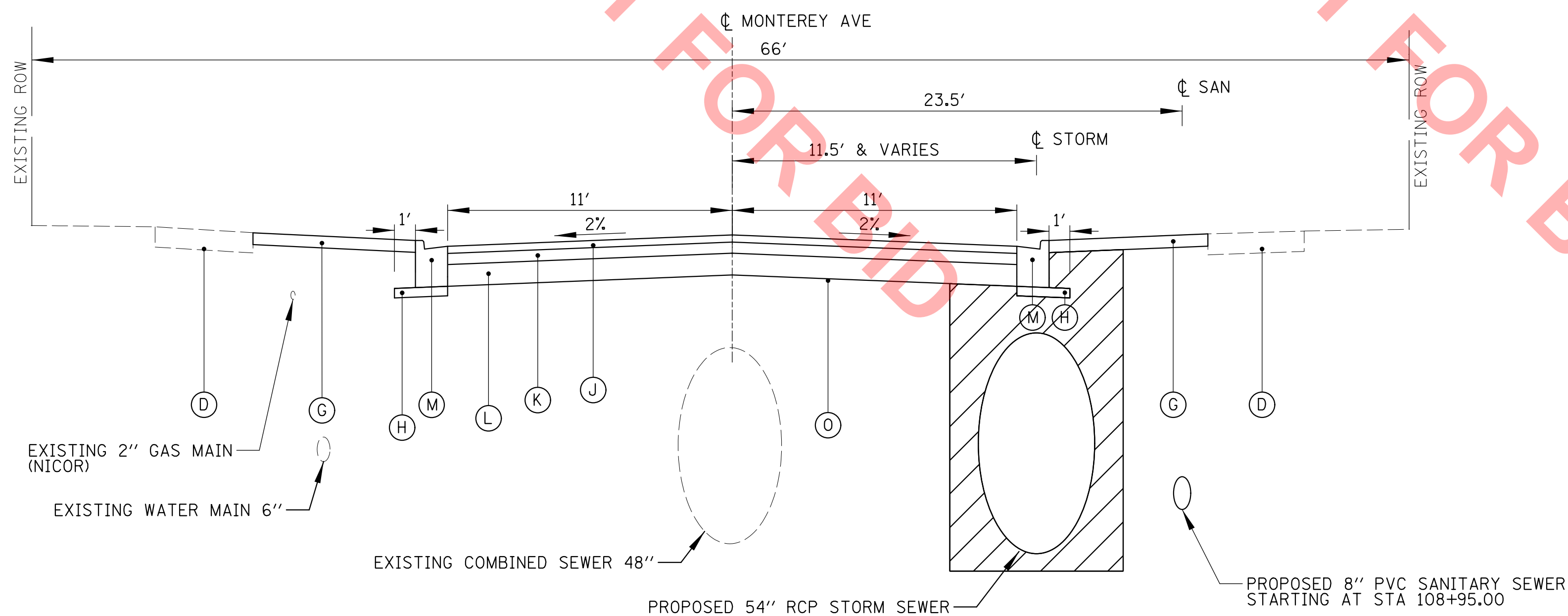
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NOT-1



EXISTING TYPICAL SECTION

MONTEREY AVENUE
STA 101+27.79 TO STA 115+00.00



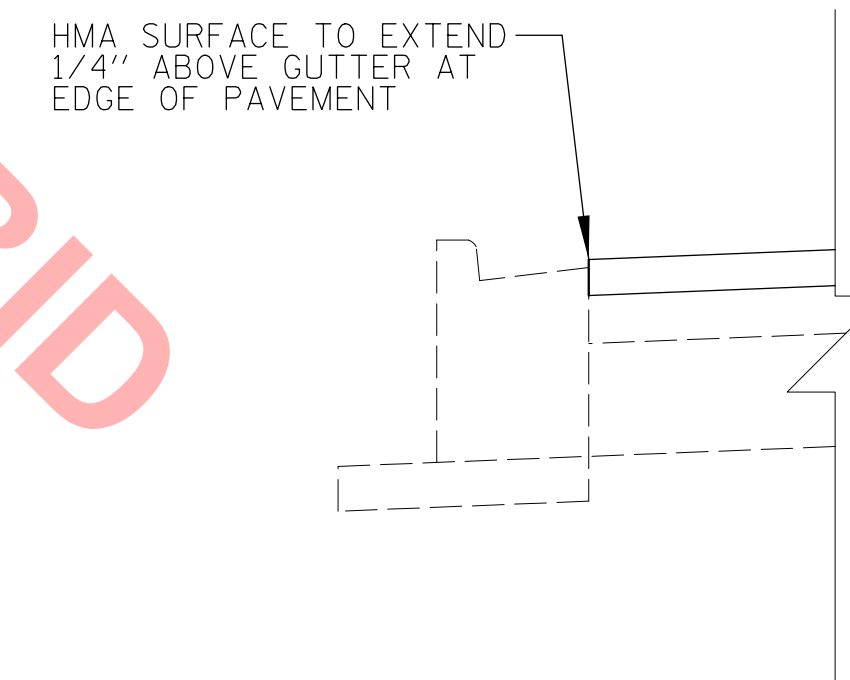
PROPOSED TYPICAL SECTION

MONTEREY AVENUE
STA 101+28.00 TO STA 115+00.00

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE ITEM	AIR VOIDS @ Ndes	QMP
ROADWAY PAVEMENT RECONSTRUCTION		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"	4% @ 50 GYR	LR-1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"	4% @ 50 GYR	LR-1030-2
ROADWAY RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"	4% @ 50 GYR	LR-1030-2
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1.5"	4% @ 50 GYR	LR-1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.5"	4% @ 50 GYR	LR-1030-2
PATCHING		
CLASS D PATCHES, 6" (HMA BINDER IL-19 MM, 6") NOTE: SAW CUT PATCHES PRIOR TO REMOVAL	4% @ 50 GYR	LR-1030-2

- 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 RECLAIMED MATERIALS PROVISIONS.

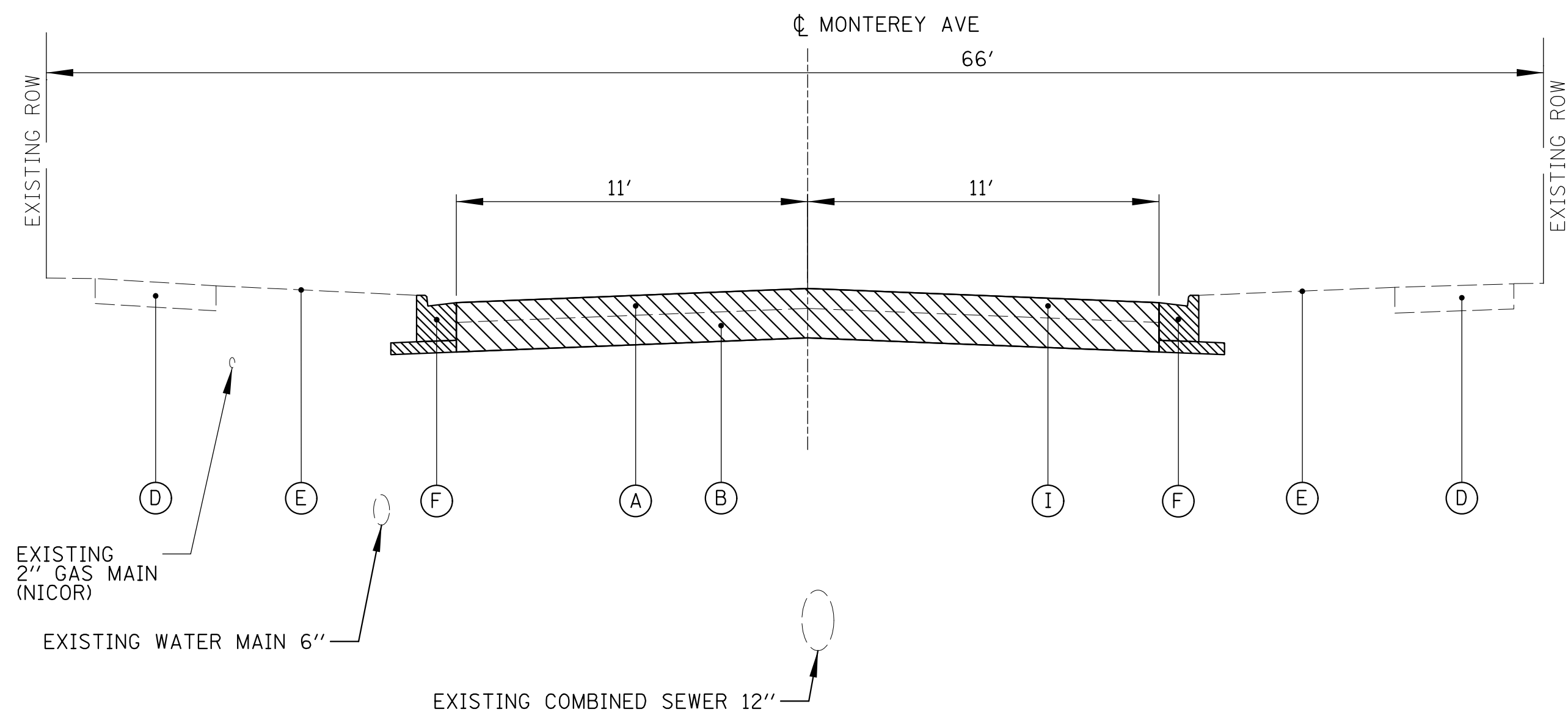
HMA SURFACE DETAIL



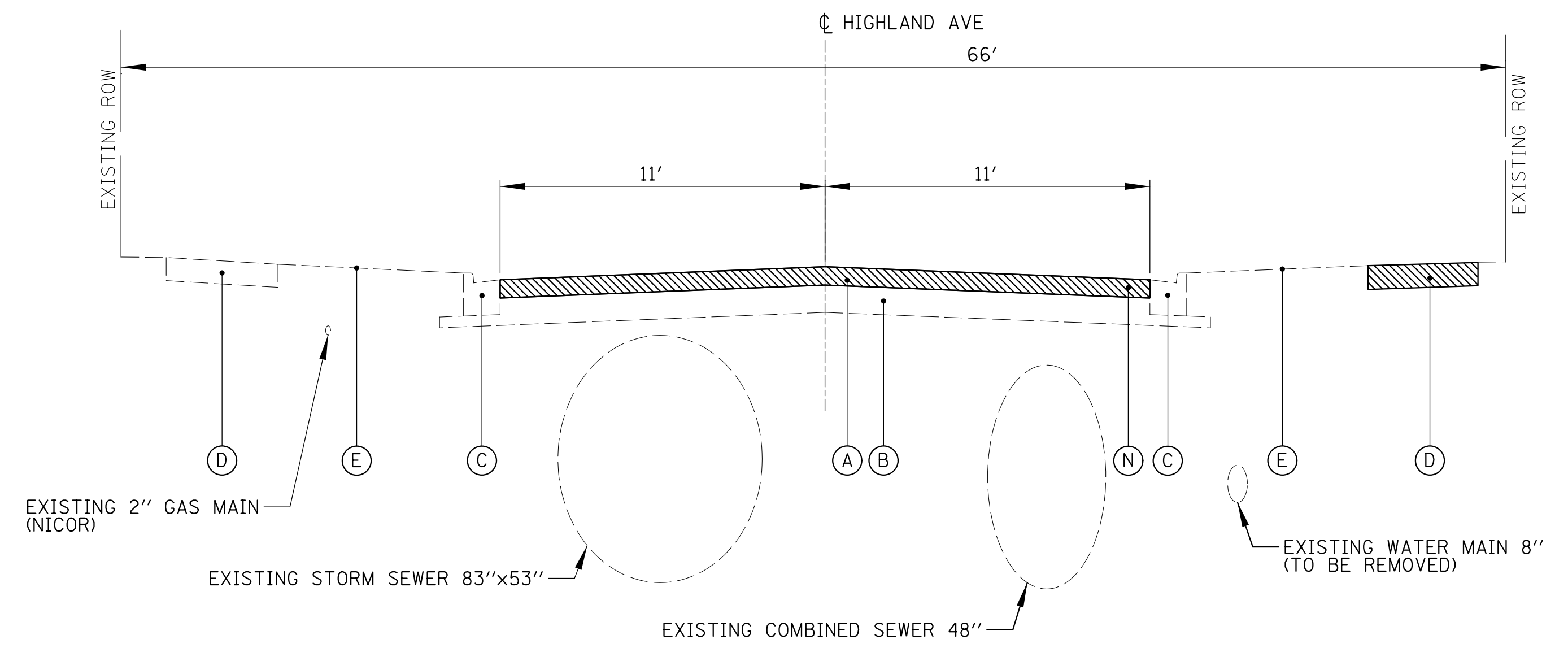
LEGEND:

- TRENCH BEDDING AND BACKFILL
- PAVEMENT REMOVAL
- (A) EXISTING HMA PAVEMENT (SEE SOIL BORINGS FOR THICKNESS)
- (B) EXISTING PCC OR STONE SUBBASE (SEE SOIL BORINGS FOR THICKNESS)
- (C) EXISTING CONCRETE CURB AND GUTTER TO REMAIN UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER
- (D) EXISTING CONCRETE SIDEWALK OR SIDEWALK REPLACEMENT (AS DIRECTED BY ENGINEER)
- (E) EXISTING TOPSOIL AND GROUND COVER
- (F) CONCRETE CURB AND GUTTER REMOVAL
- (G) TOPSOIL EXCAVATION AND PLACEMENT 4" AND SODDING, SALT TOLERANT
- (H) SUB-BASE GRANULAR MATERIAL (CA-6), 4" (INCLUDED IN COST OF PROPOSED CURB & GUTTER)
- (I) PAVEMENT REMOVAL
- (J) HMA SURFACE COURSE, MIX "D", N50, 2"
- (K) HMA BINDER COURSE, IL-19.0, N50 4"
- (L) AGGREGATE BASE COURSE, TYPE B, 6"
- (M) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (N) HMA SURFACE REMOVAL, 2"
- (O) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

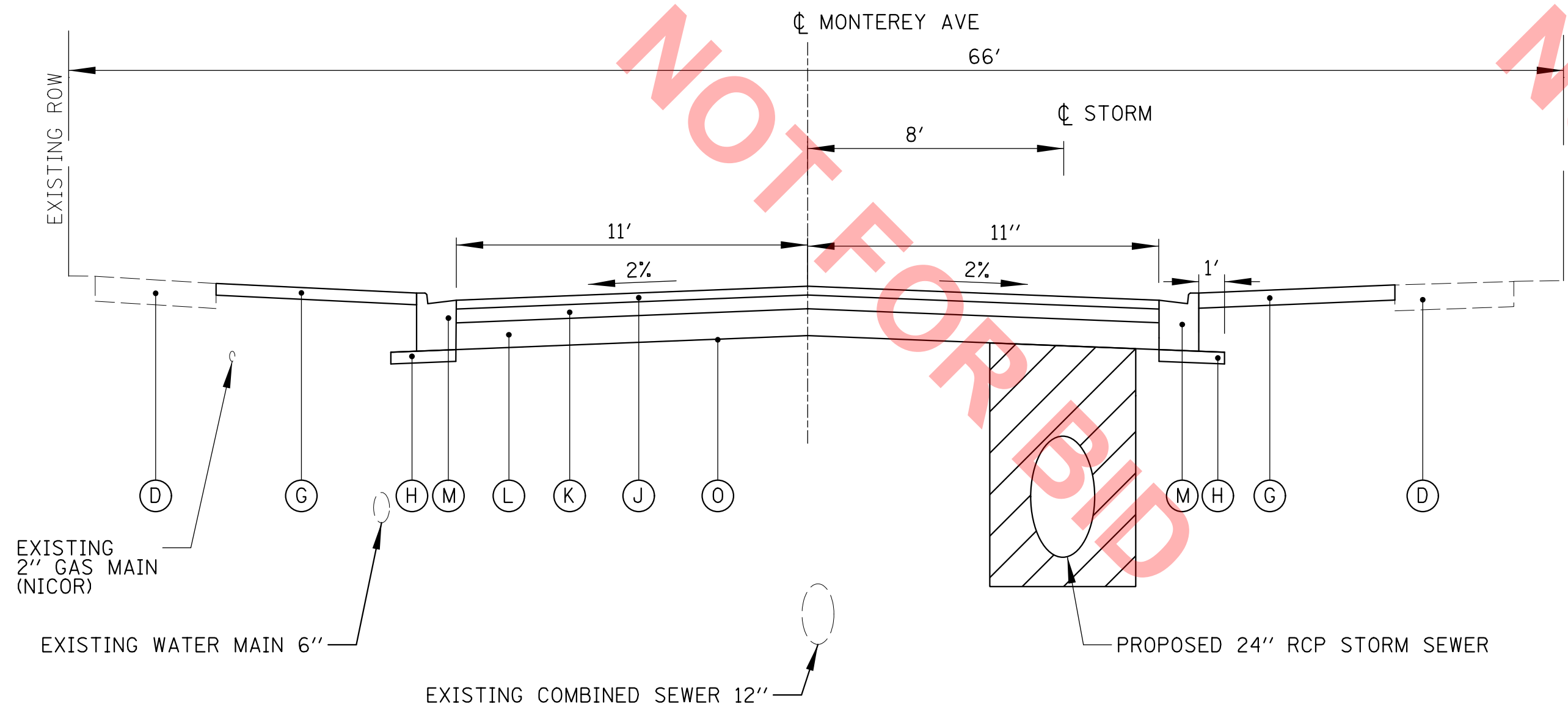
- NOTES:
- PRIOR TO PLACING CLASS D PATCHES, CONTRACTOR SHALL SAWCUT A CLEAN EDGE TO PAVE AGAINST. THIS WORK SHALL BE INCLUDED IN COST OF CLASS D PATCH.
 - CONTRACTOR SHALL MILL PRIOR TO PLACING CLASS D PATCHES.
 - PAVEMENT REMOVAL INCLUDES REMOVAL OF ENTIRE PAVEMENT SECTION (INCLUDING STONE, EARTH, CLAY, ETC.) REQUIRED TO GET DOWN TO PROPER ELEVATION FOR INSTALLATION OF AGGREGATE BASE COURSE.



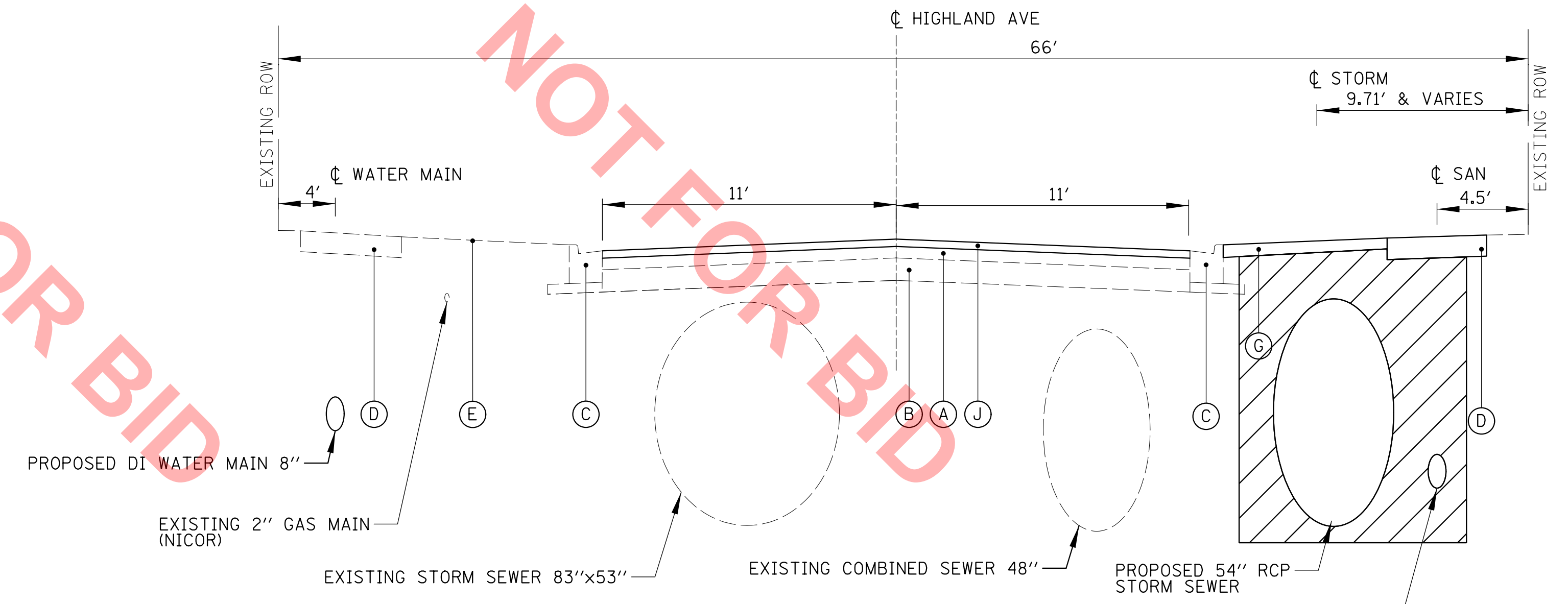
EXISTING TYPICAL SECTION
 MONTEREY AVENUE
 STA 115+00.00 TO STA 125+75.63



EXISTING TYPICAL SECTION
 HIGHLAND AVENUE STA
 11+62.81 TO STA 18+29.01



PROPOSED TYPICAL SECTION
 MONTEREY AVENUE
 STA 115+00.00 TO STA 125+75.63



PROPOSED TYPICAL SECTION
 HIGHLAND AVENUE STA
 11+62.81 TO STA 18+29.01

LEGEND:

- TRENCH BEDDING AND BACKFILL
- PAVEMENT REMOVAL

- (A) EXISTING HMA PAVEMENT (SEE SOIL BORINGS FOR THICKNESS)
- (B) EXISTING PCC OR STONE SUBBASE (SEE SOIL BORINGS FOR THICKNESS)
- (C) EXISTING CONCRETE CURB AND GUTTER TO REMAIN UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER
- (D) EXISTING CONCRETE SIDEWALK OR SIDEWALK REPLACEMENT (AS DIRECTED BY ENGINEER)
- (E) EXISTING TOPSOIL AND GROUND COVER
- (F) CONCRETE CURB AND GUTTER REMOVAL

- (G) SODDING
- (H) SUB-BASE GRANULAR MATERIAL (CA-6), 4" (INCLUDED IN COST OF PROPOSED CURB & GUTTER)
- (I) PAVEMENT REMOVAL
- (J) HMA SURFACE COURSE, MIX "D", N50, 2"
- (K) HMA BINDER COURSE, IL-19.0, N50 4"
- (L) AGGREGATE BASE COURSE, TYPE B, 6"
- (M) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (N) HMA SURFACE REMOVAL, 2"
- (O) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

NOTES:

1. PRIOR TO PLACING CLASS D PATCHES, CONTRACTOR SHALL SAWCUT A CLEAN EDGE TO PAVE AGAINST. THIS WORK SHALL BE INCLUDED IN COST OF CLASS D PATCH.
2. CONTRACTOR SHALL MILL PRIOR TO PLACING CLASS D PATCHES.
2. PAVEMENT REMOVAL INCLUDES REMOVAL OF ENTIRE PAVEMENT SECTION (INCLUDING STONE, EARTH, CLAY, ETC.) REQUIRED TO GET DOWN TO PROPER ELEVATION FOR INSTALLATION OF AGGREGATE BASE COURSE.

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 Rosemont, Illinois 60018
 (847) 823-0500

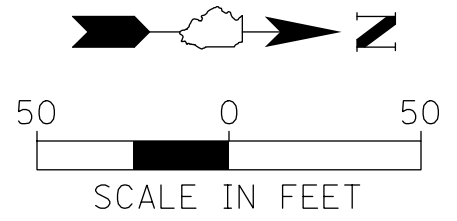
CLIENT:

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

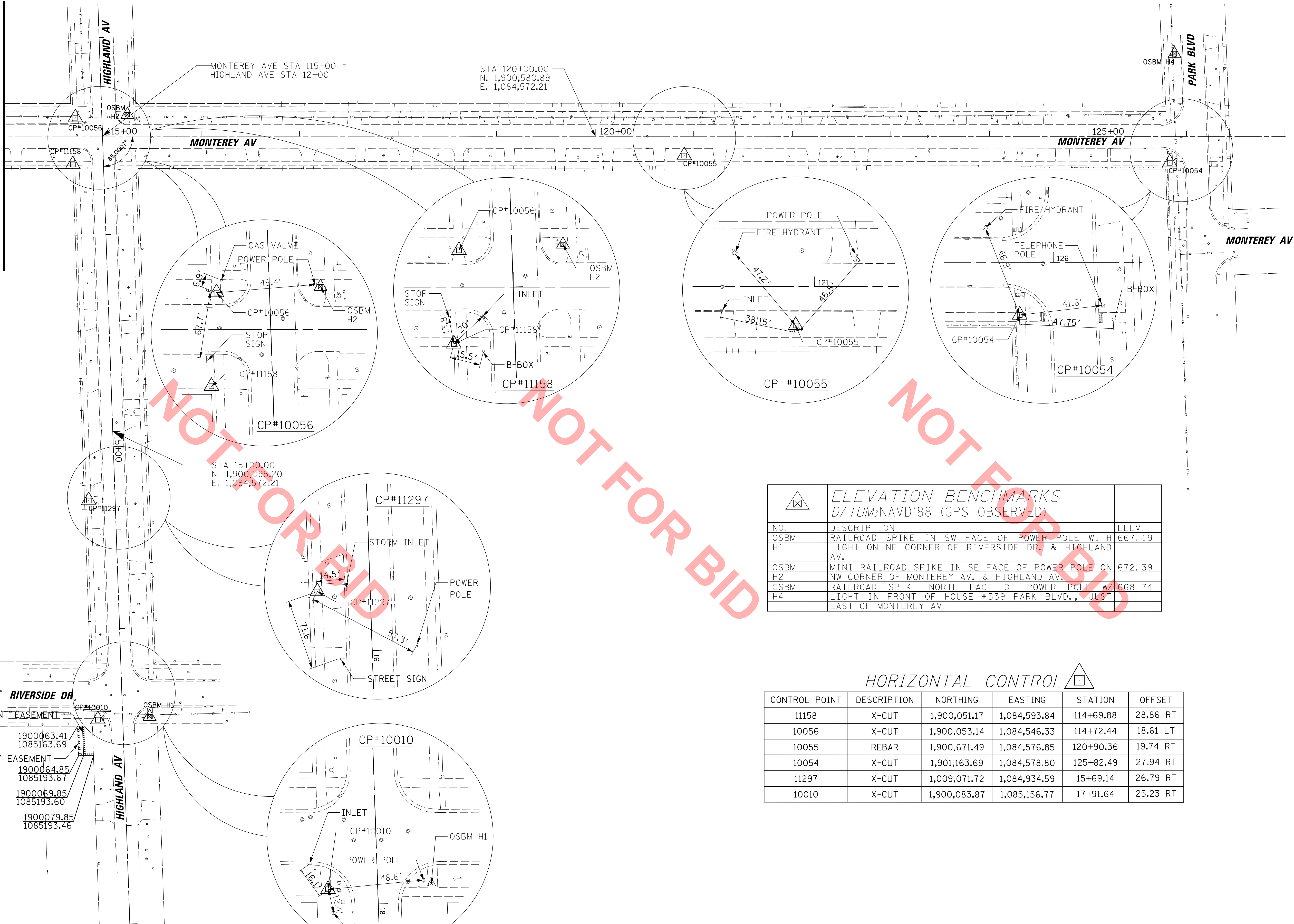
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				Default

TITLE:
WASHINGTON STREET SEWER SEPARATION - PHASE 1 TYPICAL SECTIONS

PROJ. NO. 140092.0008
 DATE: 4/14/2022
 SHEET 5 OF 50
 DRAWING NO.
TYP-2



MATCH LINE STA. 114+00



NOT FOR BID

ELEVATION BENCHMARKS DATUM: NAVD'88 (GPS OBSERVED)		
NO.	DESCRIPTION	ELEV.
OSBM H1	RAILROAD SPIKE IN SW FACE OF POWER POLE WITH LIGHT ON NE CORNER OF RIVERSIDE DR. & HIGHLAND AV.	667.19
OSBM H2	MINI RAILROAD SPIKE IN SE FACE OF POWER POLE ON NW CORNER OF MONTEREY AV. & HIGHLAND AV.	672.39
OSBM H4	RAILROAD SPIKE NORTH FACE OF POWER POLE W/ LIGHT IN FRONT OF HOUSE #539 PARK BLVD., JUST EAST OF MONTEREY AV.	668.74

HORIZONTAL CONTROL

CONTROL POINT	DESCRIPTION	NORTHING	EASTING	STATION	OFFSET
11158	X-CUT	1,900,051.17	1,084,593.84	114+69.88	28.86 RT
10056	X-CUT	1,900,053.14	1,084,546.33	114+72.44	18.61 LT
10055	REBAR	1,900,671.49	1,084,576.85	120+90.36	19.74 RT
10054	X-CUT	1,901,163.69	1,084,578.80	125+82.49	27.94 RT
11297	X-CUT	1,009,071.72	1,084,934.59	15+69.14	26.79 RT
10010	X-CUT	1,900,083.87	1,085,156.77	17+91.64	25.23 RT


RIVERSIDE DR.

PROP. PERMANENT EASEMENT

PROP. TEMPORARY EASEMENT

1900063.41	1085163.69
1900064.85	1085193.67
1900069.85	1085193.60
1900079.85	1085193.46

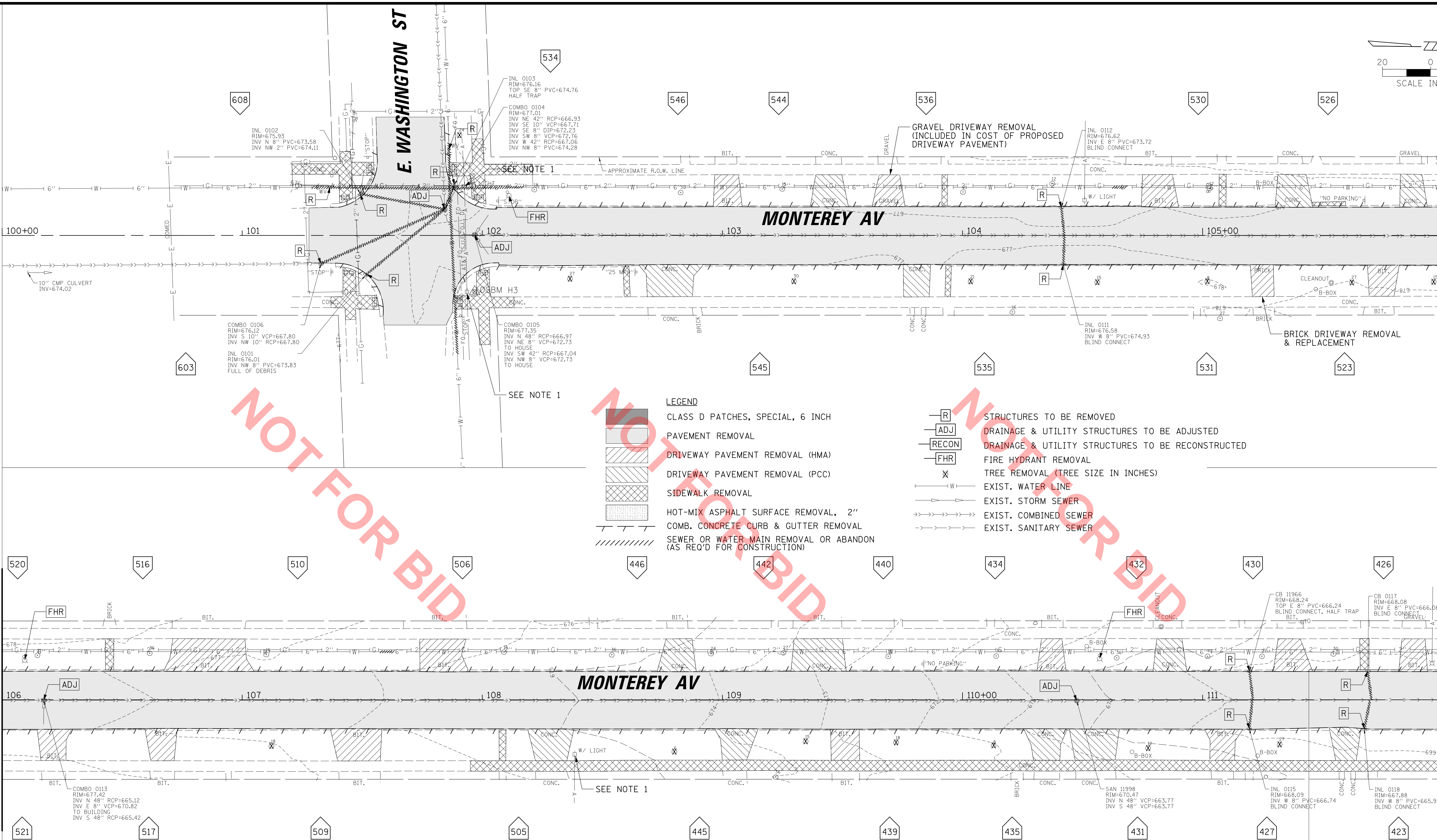
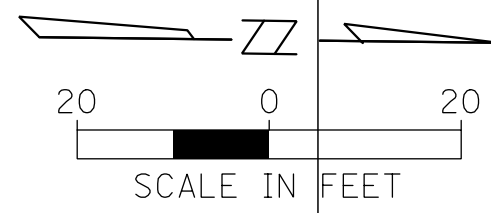
CB CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

CLIENT:

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

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:
				Default

TITLE:
WASHINGTON STREET SEWER SEPARATION - PHASE 1 ALIGNMENT, TIES, & BENCHMARKS

PROJ. NO. 140092.00008
 DATE: 4/14/2022
 SHEET 7 OF 50
 DRAWING NO.
ATB-2



LEGEND

	CLASS D PATCHES, SPECIAL, 6 INCH		STRUCTURES TO BE REMOVED
	PAVEMENT REMOVAL		DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
	DRIVEWAY PAVEMENT REMOVAL (HMA)		DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED
	DRIVEWAY PAVEMENT REMOVAL (PCC)		FIRE HYDRANT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL (HMA)		TREE REMOVAL (TREE SIZE IN INCHES)
	DRIVEWAY PAVEMENT REMOVAL (PCC)		EXIST. WATER LINE
	SIDEWALK REMOVAL		EXIST. STORM SEWER
	HOT-MIX ASPHALT SURFACE REMOVAL, 2"		EXIST. COMBINED SEWER
	COMB. CONCRETE CURB & GUTTER REMOVAL		EXIST. SANITARY SEWER
	SEWER OR WATER MAIN REMOVAL OR ABANDON (AS REQ'D FOR CONSTRUCTION)		

- NOTES:**
- CONTRACTOR SHALL COORDINATE WITH COMED TO TEMPORARILY BRACE AND/OR PROTECT UTILITY/LIGHT POLES.
 - STRUCTURES TO BE REMOVED AT THE SAME LOCATIONS WHERE NEW STRUCTURES ARE TO BE INSTALLED SHALL BE INCLUDED IN THE COST OF THE PROPOSED STRUCTURE.

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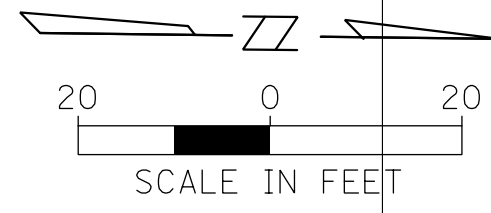
CLIENT:

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

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:
				Default

TITLE: **WASHINGTON STREET SEWER SEPARATION - PHASE 1 EXIST. CONDITIONS & REMOVAL PLAN MONTEREY AVENUE**

PROJ. NO. 140092.00008
 DATE: 4/14/2022
 SHEET 8 OF 50
 DRAWING NO.
REM-1

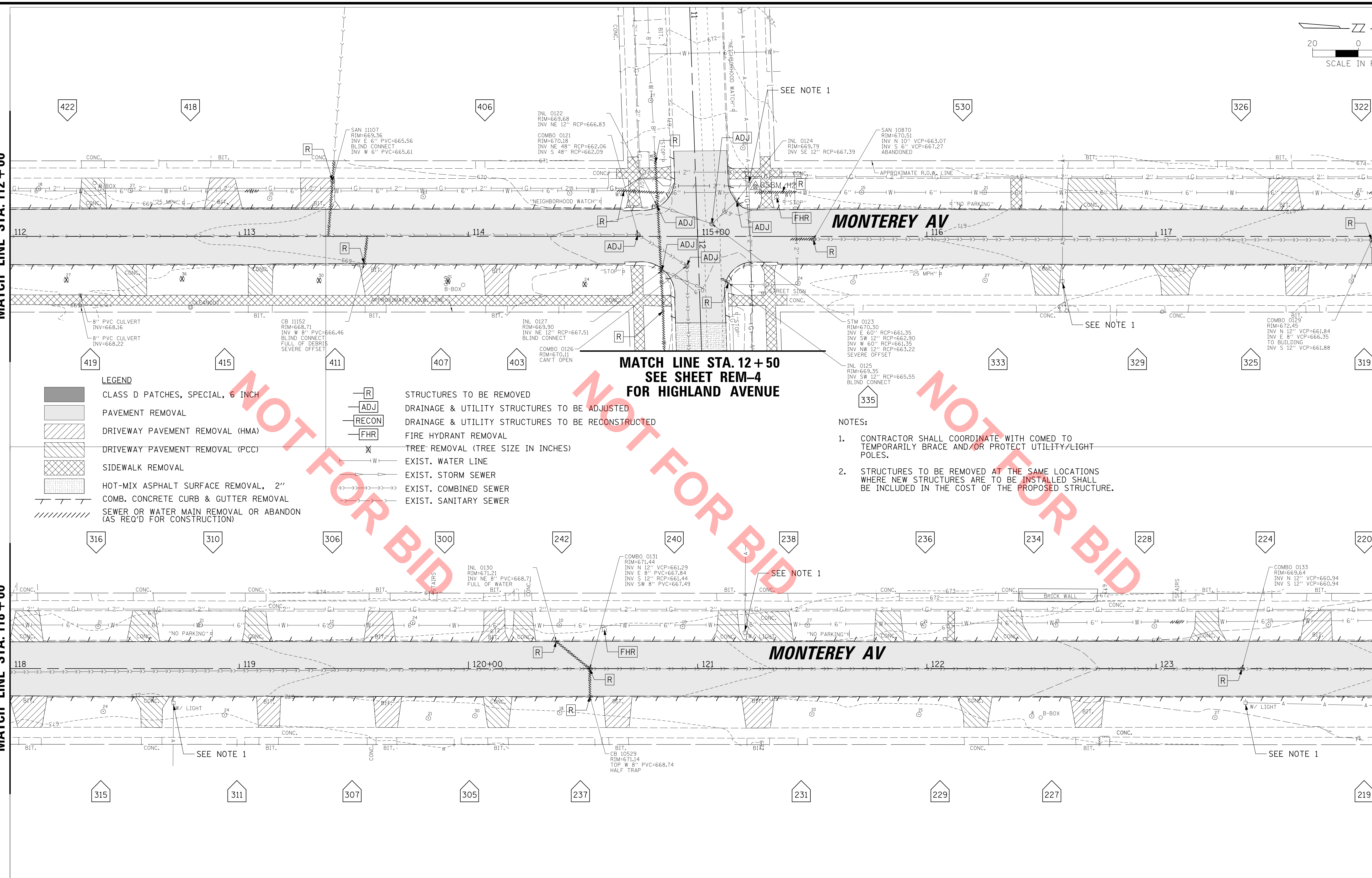


MATCH LINE STA. 112 + 00

MATCH LINE STA. 118 + 00

MATCH LINE STA. 118 + 00

MATCH LINE STA. 124 + 00



**MATCH LINE STA. 12 + 50
SEE SHEET REM-4
FOR HIGHLAND AVENUE**

LEGEND

- CLASS D PATCHES, SPECIAL, 6 INCH
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL (HMA)
- DRIVEWAY PAVEMENT REMOVAL (PCC)
- SIDEWALK REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- COMB. CONCRETE CURB & GUTTER REMOVAL
- SEWER OR WATER MAIN REMOVAL OR ABANDON (AS REQ'D FOR CONSTRUCTION)

- STRUCTURES TO BE REMOVED
- DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
- DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED
- FIRE HYDRANT REMOVAL
- TREE REMOVAL (TREE SIZE IN INCHES)
- EXIST. WATER LINE
- EXIST. STORM SEWER
- EXIST. COMBINED SEWER
- EXIST. SANITARY SEWER

NOTES:

1. CONTRACTOR SHALL COORDINATE WITH COMED TO TEMPORARILY BRACE AND/OR PROTECT UTILITY/LIGHT POLES.
2. STRUCTURES TO BE REMOVED AT THE SAME LOCATIONS WHERE NEW STRUCTURES ARE TO BE INSTALLED SHALL BE INCLUDED IN THE COST OF THE PROPOSED STRUCTURE.

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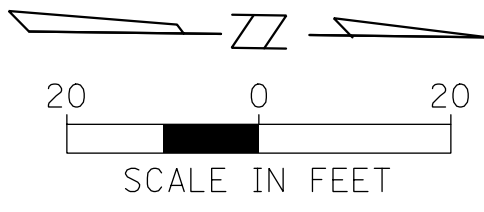
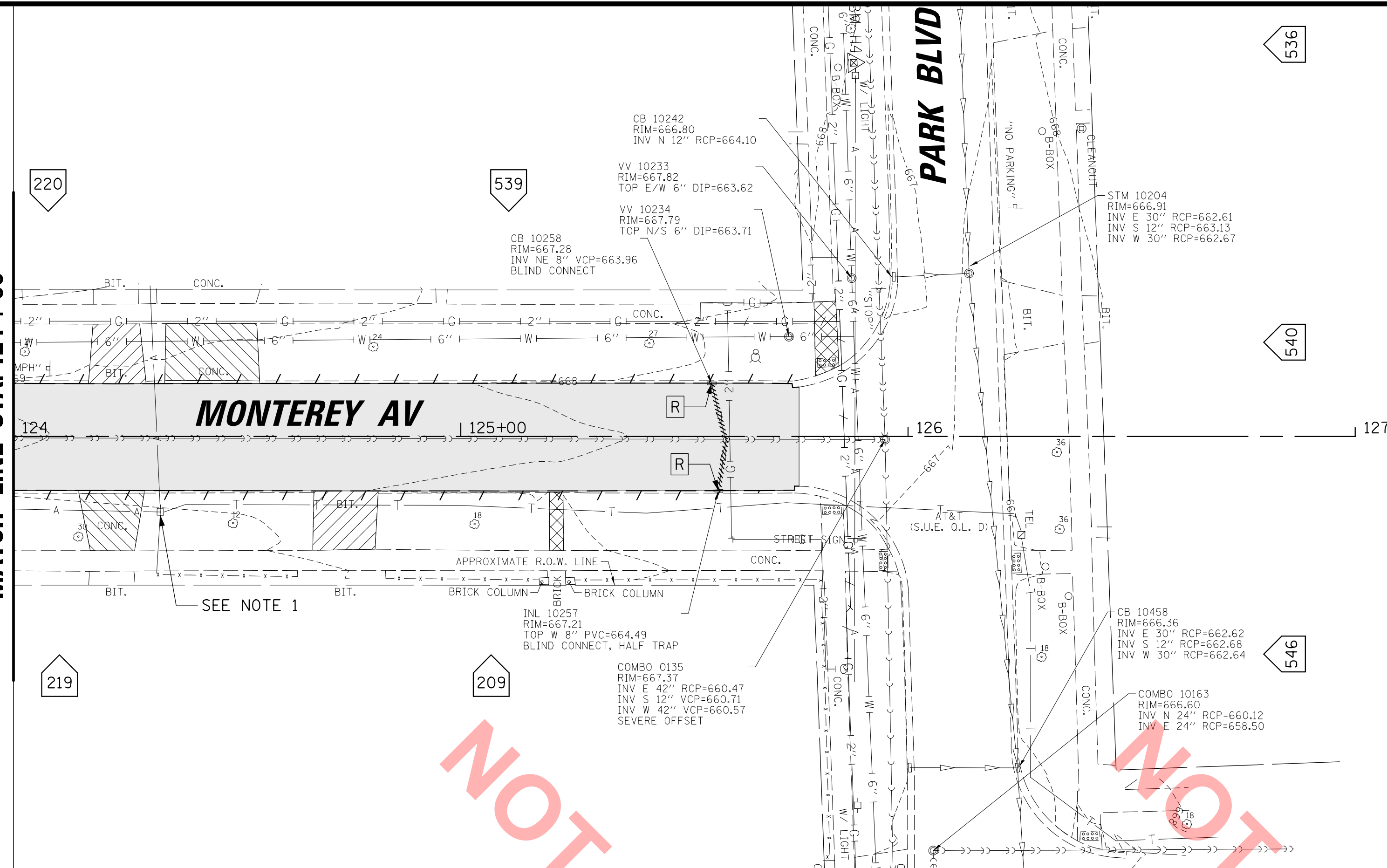
CLIENT:
 VILLAGE OF VILLA PARK
20 S. ARDMORE AVENUE
VILLA PARK, IL 60181-2696

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:
				Default

TITLE: **WASHINGTON STREET SEWER SEPARATION - PHASE 1 EXIST. CONDITIONS & REMOVAL PLAN MONTEREY AVENUE**

PROJ. NO. 140092.00008
DATE: 4/14/2022
SHEET 9 OF 50
DRAWING NO.
REM-2

MATCH LINE STA. 124 + 00



NOT FOR BID

NOT FOR BID

LEGEND	
	CLASS D PATCHES, SPECIAL, 6 INCH
	PAVEMENT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL (HMA)
	DRIVEWAY PAVEMENT REMOVAL (PCC)
	SIDEWALK REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL, 2"
	COMB. CONCRETE CURB & GUTTER REMOVAL
	SEWER OR WATER MAIN REMOVAL OR ABANDON (AS REQ'D FOR CONSTRUCTION)
	STRUCTURES TO BE REMOVED
	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED
	FIRE HYDRANT REMOVAL
	TREE REMOVAL (TREE SIZE IN INCHES)
	EXIST. WATER LINE
	EXIST. STORM SEWER
	EXIST. COMBINED SEWER
	EXIST. SANITARY SEWER

NOTES:

- CONTRACTOR SHALL COORDINATE WITH COMED TO TEMPORARILY BRACE AND/OR PROTECT UTILITY/LIGHT POLES.
- STRUCTURES TO BE REMOVED AT THE SAME LOCATIONS WHERE NEW STRUCTURES ARE TO BE INSTALLED SHALL BE INCLUDED IN THE COST OF THE PROPOSED STRUCTURE.

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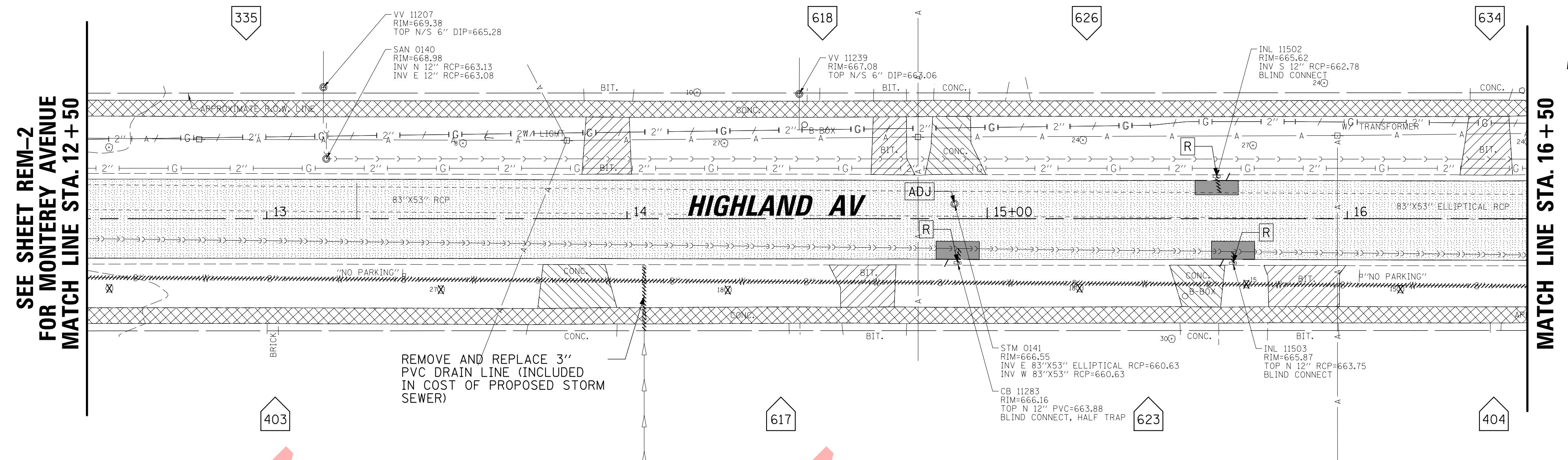
CLIENT:

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

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:	Default
FILE NAME	N:\VILLAPARK\140092.00008\Civil\REM_140092.00008_03.dgn				

TITLE: **WASHINGTON STREET SEWER SEPARATION - PHASE 1 EXIST. CONDITIONS & REMOVAL PLAN MONTEREY AVENUE**

PROJ. NO. 140092.00008
 DATE: 4/14/2022
 SHEET 10 OF 50
 DRAWING NO. **REM-3**



SEE SHEET REM-2
FOR MONTEREY AVENUE
MATCH LINE STA. 12 + 50

MATCH LINE STA. 16 + 50

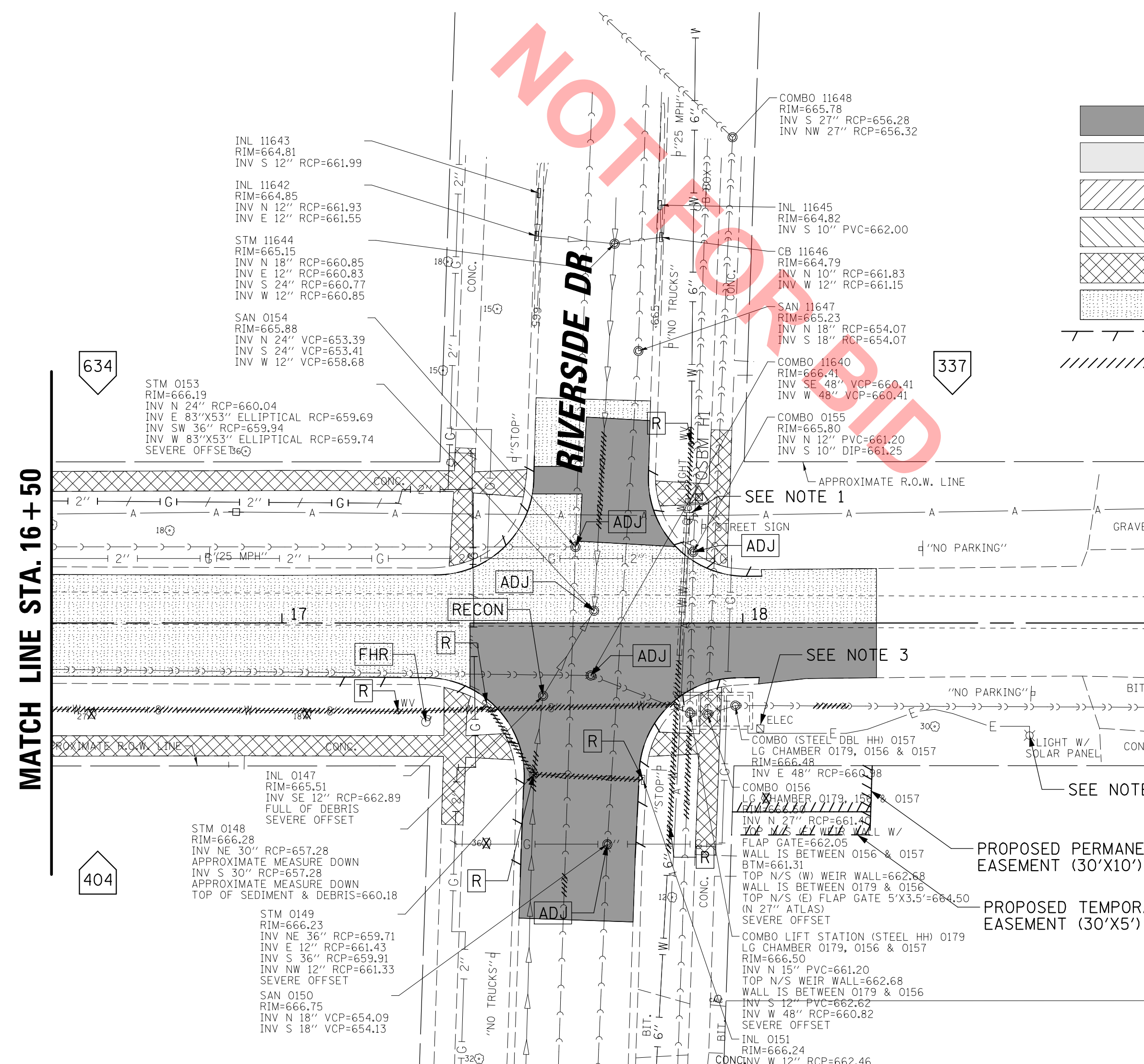
REMOVE AND REPLACE 3" PVC DRAIN LINE (INCLUDED IN COST OF PROPOSED STORM SEWER)

LEGEND

- CLASS D PATCHES, SPECIAL, 6 INCH
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL (HMA)
- DRIVEWAY PAVEMENT REMOVAL (PCC)
- SIDEWALK REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- COMB. CONCRETE CURB & GUTTER REMOVAL
- SEWER OR WATER MAIN REMOVAL OR ABANDON (AS REQ'D FOR CONSTRUCTION)
- STRUCTURES TO BE REMOVED
- DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
- DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED
- FIRE HYDRANT REMOVAL
- TREE REMOVAL (TREE SIZE IN INCHES)
- EXIST. WATER LINE
- EXIST. STORM SEWER
- EXIST. COMBINED SEWER
- EXIST. SANITARY SEWER

NOTES:

1. CONTRACTOR SHALL COORDINATE WITH COMED TO TEMPORARILY BRACE AND/OR PROTECT UTILITY/LIGHT POLES.
2. STRUCTURES TO BE REMOVED AT THE SAME LOCATIONS WHERE NEW STRUCTURES ARE TO BE INSTALLED SHALL BE INCLUDED IN THE COST OF THE PROPOSED STRUCTURE.
3. CONTRACTOR SHALL PROTECT/BRACE EXISTING ELECTRICAL CONTROL BOX FOR THE VILLAGE SCADA SYSTEM. THE ELECTRICAL CONTROL BOX IS POWERED BY THE SOLAR PANEL TO THE EAST. THE SCADA SYSTEM SHALL BE POWERED AT ALL TIMES DURING CONSTRUCTION. IF NECESSARY, THE CONTRACTOR SHALL PROVIDE TEMPORARY POWER TO THE SYSTEM USING METHODS APPROVED BY THE VILLAGE. THE EXISTING ELECTRICAL LINE SHALL BE RELOCATED AS NECESSARY FOR CONSTRUCTION. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED JUNCTION CHAMBER (STR#33).



MATCH LINE STA. 16 + 50

HIGHLAND AV

PROPOSED PERMANENT EASEMENT (30'X10')

PROPOSED TEMPORARY EASEMENT (30'X5')

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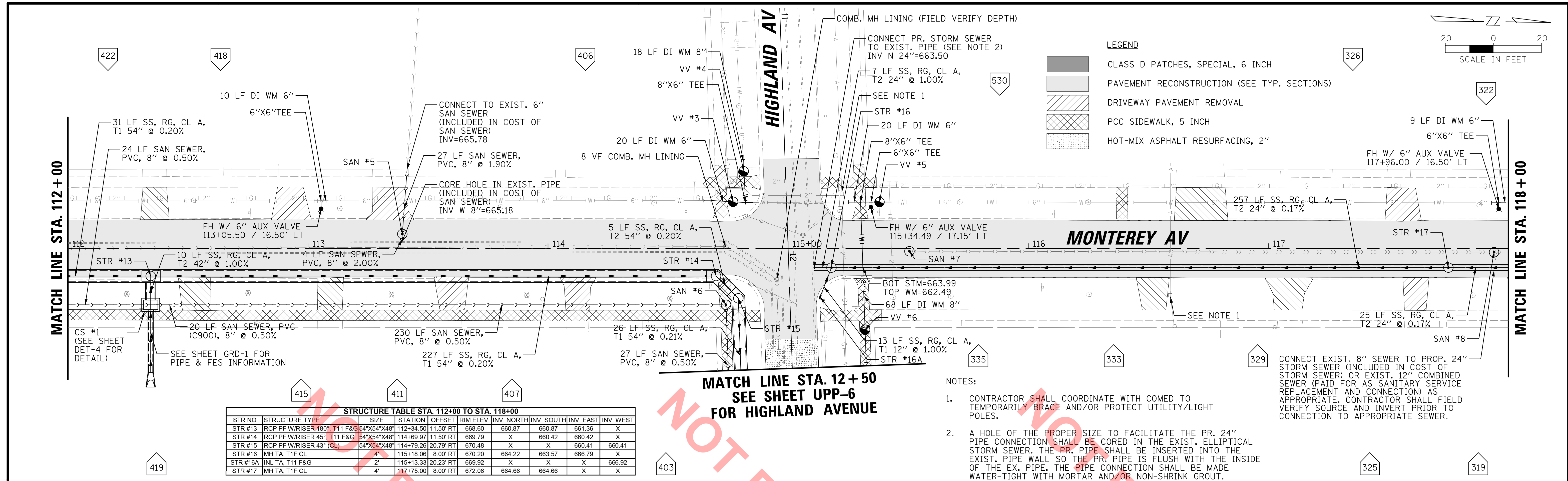
CLIENT:

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

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:
				Default

TITLE: **WASHINGTON STREET SEWER SEPARATION - PHASE 1 EXIST. CONDITIONS & REMOVAL PLAN HIGHLAND AVENUE**

PROJ. NO. 140092.00008
DATE: 4/14/2022
SHEET 11 OF 50
DRAWING NO.
REM-4



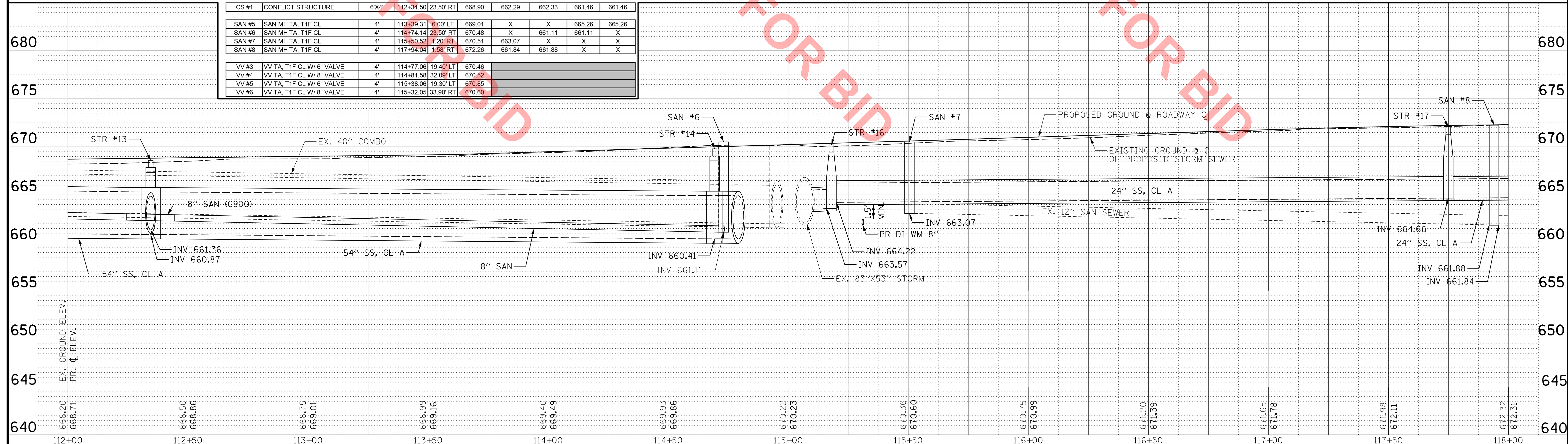
MATCH LINE STA. 12+50
SEE SHEET UPP-6
FOR HIGHLAND AVENUE

STRUCTURE TABLE STA. 112+00 TO STA. 118+00

STR NO	STRUCTURE TYPE	SIZE	STATION	OFFSET	RIM ELEV.	INV. NORTH	INV. SOUTH	INV. EAST	INV. WEST
STR #13	RCP PF WRISER 180" T11 F&G	54"X54"X48"	112+34.50	11.50' RT	668.60	660.87	660.87	661.36	X
STR #14	RCP PF WRISER 45" T11 F&G	54"X54"X48"	114+69.97	11.50' RT	669.79	X	660.42	660.42	X
STR #15	RCP PF WRISER 43" (CL)	54"X54"X48"	114+79.26	20.79' RT	670.48	X	X	660.41	660.41
STR #16	MH TA, T1F CL	4'	115+18.06	8.00' RT	670.20	664.22	663.57	666.79	X
STR #16A	INL TA, T11 F&G	2'	115+13.33	20.23' RT	669.92	X	X	X	666.92
STR #17	MH TA, T1F CL	4'	117+75.00	8.00' RT	672.06	664.66	664.66	X	X

CS #1	CONFLICT STRUCTURE	6'X4'	112+34.50	23.50' RT	668.90	662.29	662.33	661.46	661.46
SAN #5	SAN MH TA, T1F CL	4'	113+39.31	6.00' LT	669.01	X	X	665.26	665.26
SAN #6	SAN MH TA, T1F CL	4'	114+74.14	23.50' RT	670.48	X	661.11	661.11	X
SAN #7	SAN MH TA, T1F CL	4'	115+50.52	1.20' RT	670.51	663.07	X	X	X
SAN #8	SAN MH TA, T1F CL	4'	117+94.04	1.58' RT	672.26	661.84	661.88	X	X

VV #3	VV TA, T1F CL W/ 6" VALVE	4'	114+77.06	19.40' LT	670.46				
VV #4	VV TA, T1F CL W/ 8" VALVE	4'	114+81.58	32.09' LT	670.52				
VV #5	VV TA, T1F CL W/ 6" VALVE	4'	115+38.06	19.30' LT	670.85				
VV #6	VV TA, T1F CL W/ 8" VALVE	4'	115+32.05	33.90' RT	670.60				



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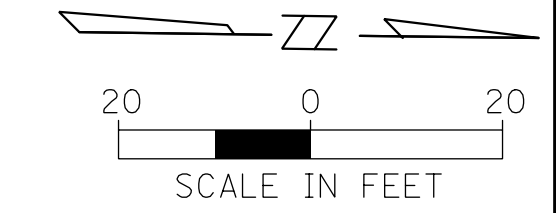
CLIENT:
VILLAGE OF VILLA PARK
 20 S. ARDMORE AVENUE
 VILLA PARK, IL 60181-2696

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

TITLE: **WASHINGTON STREET SEWER SEPARATION - PHASE 1 UTILITY PLAN & PROFILE MONTEREY AVENUE**

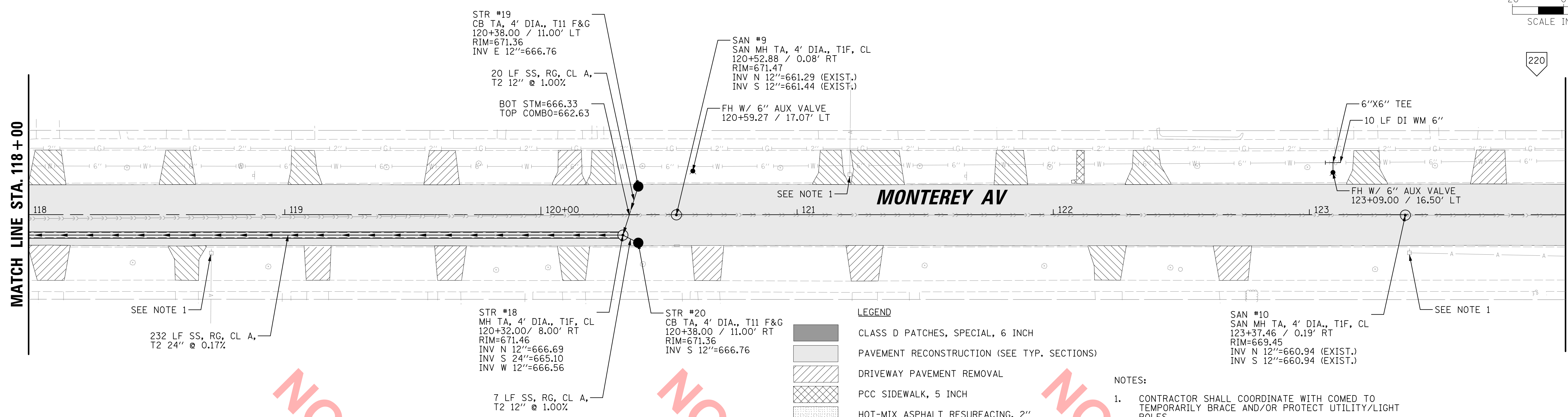
PROJ. NO. 140092.00008
 DATE: 4/14/2022
 SHEET 14 OF 50
 DRAWING NO. **UPP-3**

316 310 306 300 242 240 238 236 234 228 224



MATCH LINE STA. 118+00

MATCH LINE STA. 124+00



- LEGEND**
- CLASS D PATCHES, SPECIAL, 6 INCH
 - PAVEMENT RECONSTRUCTION (SEE TYP. SECTIONS)
 - DRIVEWAY PAVEMENT REMOVAL
 - PCC SIDEWALK, 5 INCH
 - HOT-MIX ASPHALT RESURFACING, 2"

- NOTES:**
1. CONTRACTOR SHALL COORDINATE WITH COMED TO TEMPORARILY BRACE AND/OR PROTECT UTILITY/LIGHT POLES.

315 311 307 305 237 231 229 227 219

NOT FOR BID



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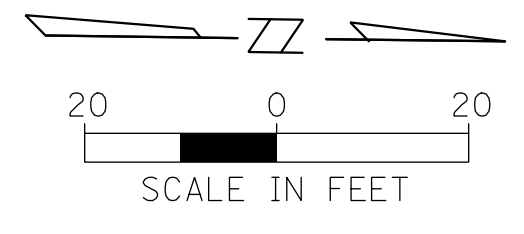
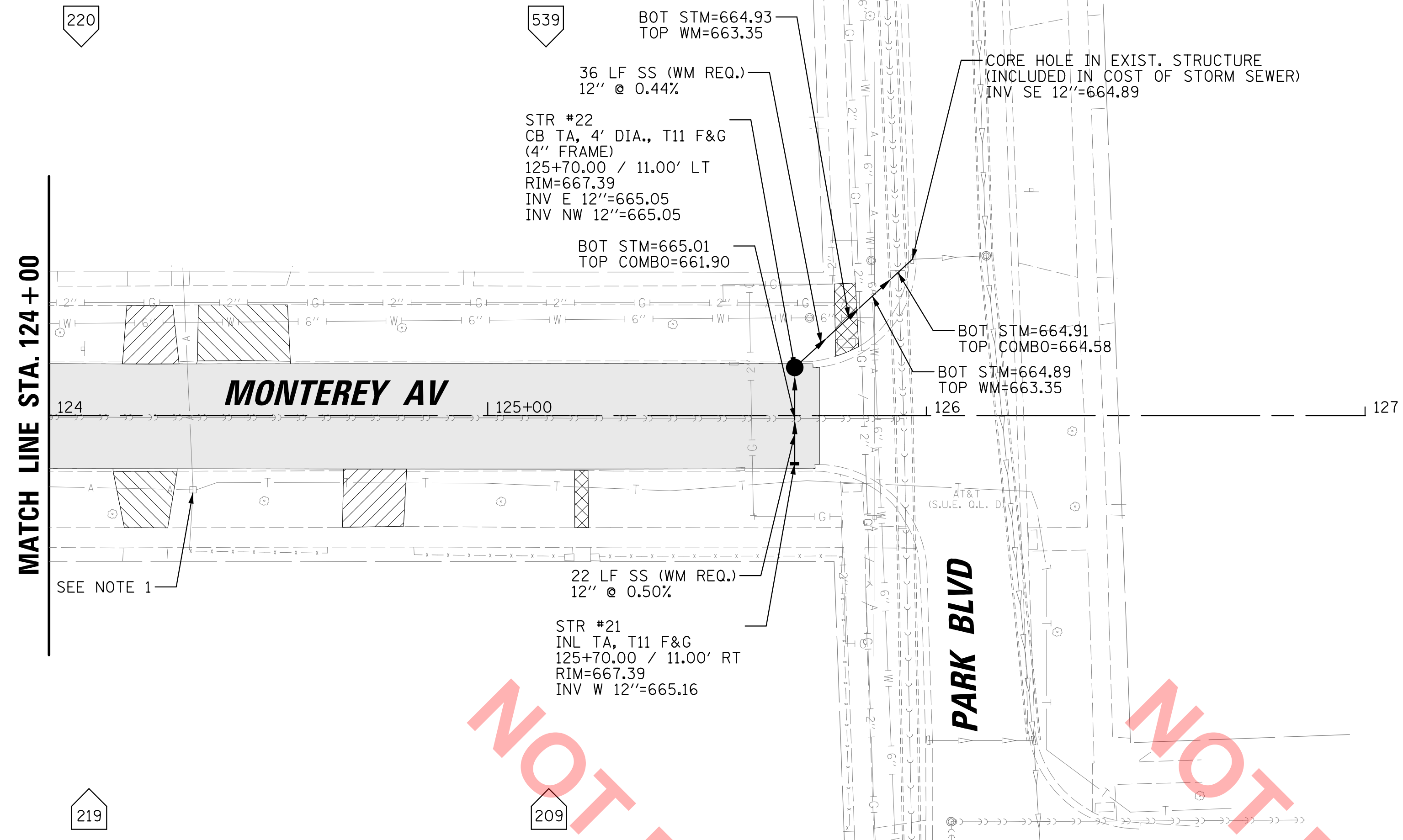
CLIENT:

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

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:
				Default

TITLE: **WASHINGTON STREET SEWER SEPARATION - PHASE 1 UTILITY PLAN & PROFILE MONTEREY AVENUE**

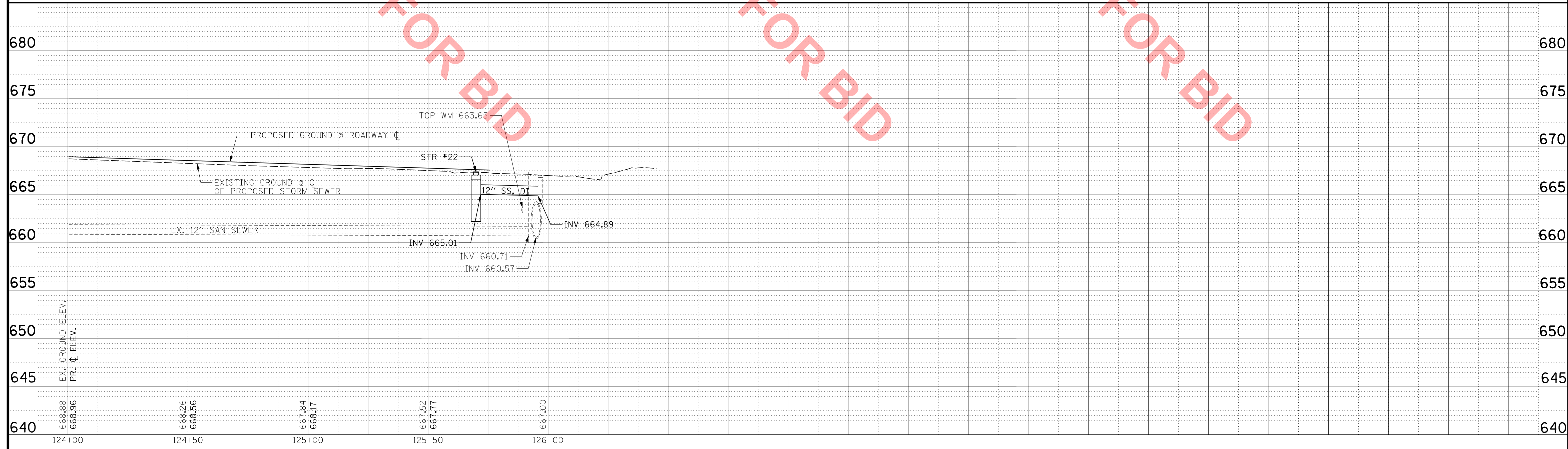
PROJ. NO. 140092.00008
 DATE: 4/14/2022
 SHEET 15 OF 50
 DRAWING NO. **UPP-4**



- LEGEND**
- CLASS D PATCHES, SPECIAL, 6 INCH
 - PAVEMENT RECONSTRUCTION (SEE TYP. SECTIONS)
 - DRIVEWAY PAVEMENT REMOVAL
 - PCC SIDEWALK, 5 INCH
 - HOT-MIX ASPHALT RESURFACING, 2"

- NOTES:**
1. CONTRACTOR SHALL COORDINATE WITH COMED TO TEMPORARILY BRACE AND/OR PROTECT UTILITY/LIGHT POLES.

NOT FOR BID



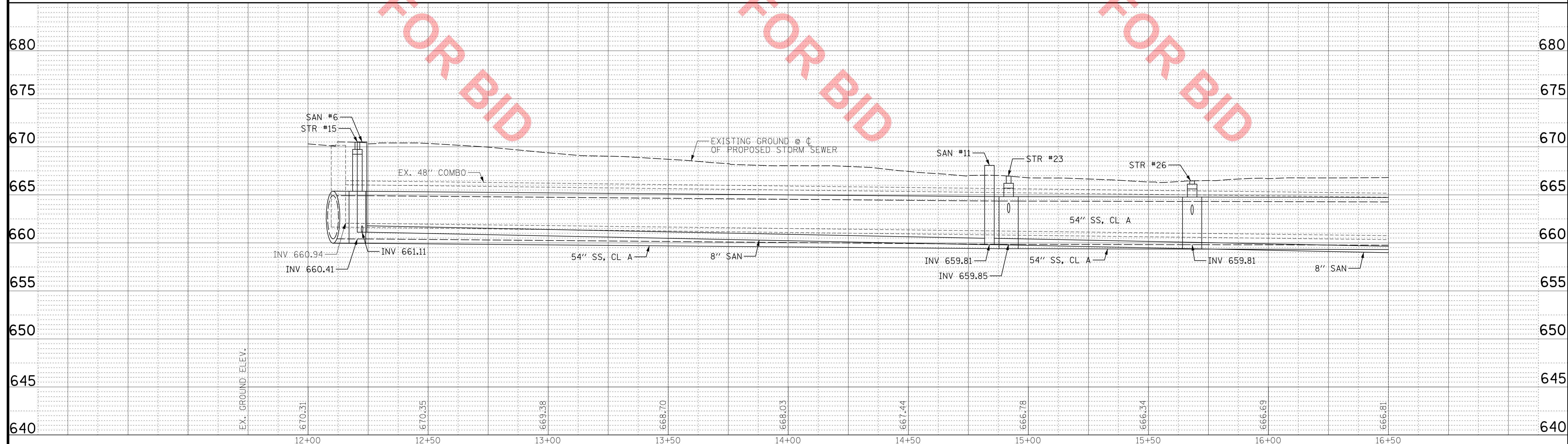
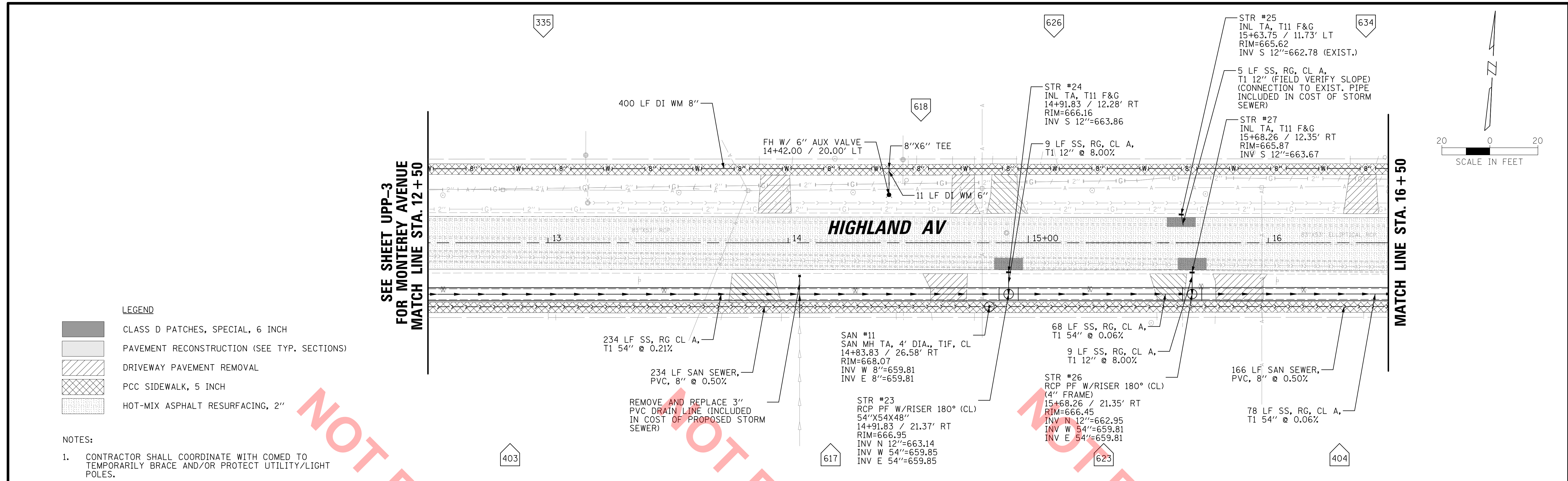
CB **CHRISTOPHER B. BURKE ENGINEERING, LTD.**
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

CLIENT:
 VILLAGE OF VILLA PARK
20 S. ARDMORE AVENUE
VILLA PARK, IL 60181-2696

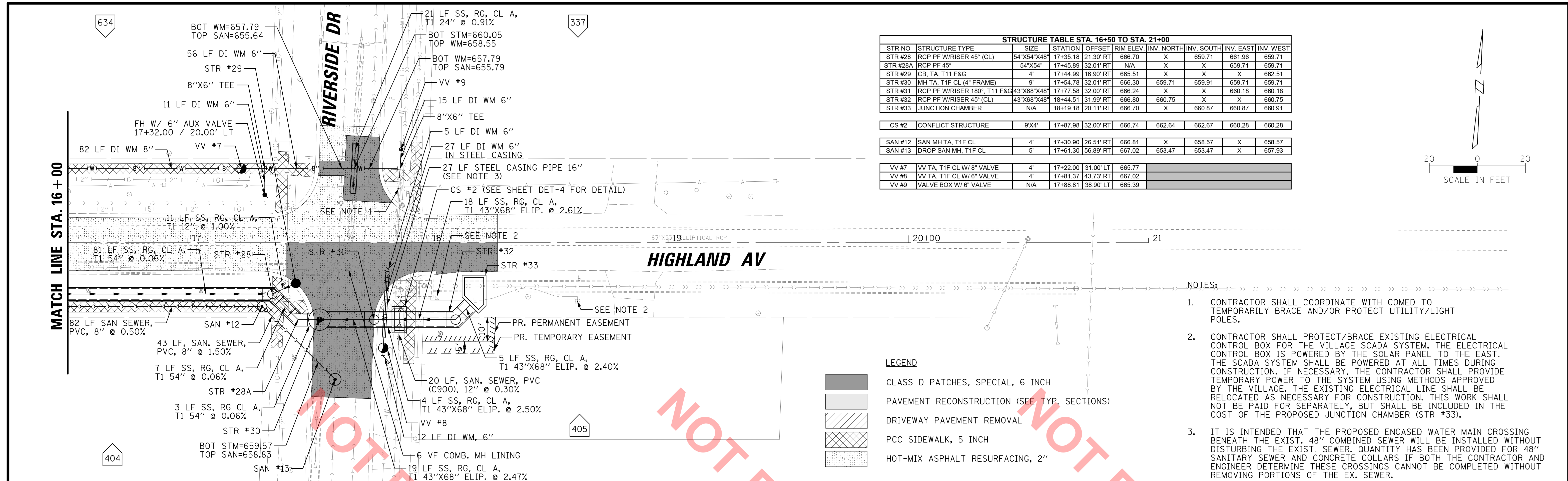
NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:
				Default

TITLE: **WASHINGTON STREET SEWER SEPARATION - PHASE 1 UTILITY PLAN & PROFILE MONTEREY AVENUE**

PROJ. NO. 140092.00008
DATE: 4/14/2022
SHEET 16 OF 50
DRAWING NO. **UPP-5**



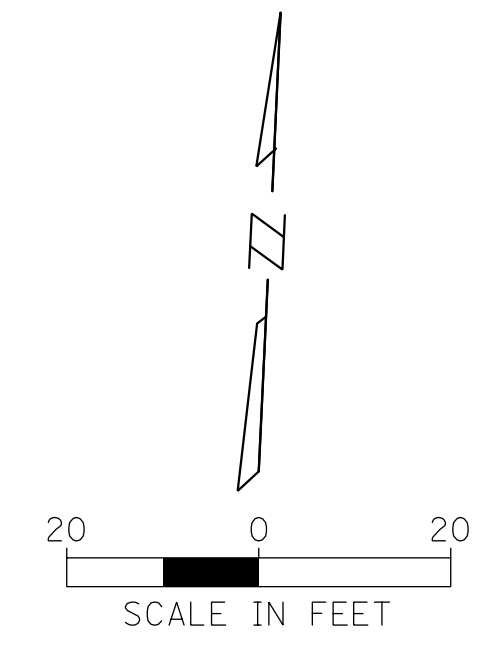
<p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500</p>	<p>CLIENT:</p> <p>VILLAGE OF VILLA PARK 20 S. ARDMORE AVENUE VILLA PARK, IL 60181-2696</p>	<p>NO. DATE NATURE OF REVISION</p>	<p>CHKD. MODEL:</p>	<p>DSGN. DWN. CHKD. SCALE: 20' PLOT DATE: 4/14/2022 CAD USER: aschaefer MODEL: Default</p>	<p>TITLE: WASHINGTON STREET SEWER SEPARATION - PHASE 1 UTILITY PLAN & PROFILE HIGHLAND AVENUE</p>	<p>PROJ. NO. 140092.00008 DATE: 4/14/2022 SHEET 17 OF 50 DRAWING NO. UPP-6</p>
		<p>FILE NAME: N:\VILLAPARK\140092.00008\Civil\UPP_140092.00008_06.dgn</p>				



STRUCTURE TABLE STA. 16+50 TO STA. 21+00									
STR NO	STRUCTURE TYPE	SIZE	STATION	OFFSET	RIM ELEV.	INV. NORTH	INV. SOUTH	INV. EAST	INV. WEST
STR #28	RCP PF W/ RISER 45" (CL)	54"X54"X48"	17+35.18	21.30' RT	666.70	X	659.71	661.96	659.71
STR #28A	RCP PF 45"	54"X54"	17+45.89	32.01' RT	N/A	X	X	659.71	659.71
STR #29	CB, TA, T11 F&G	4'	17+44.99	16.90' RT	665.51	X	X	X	662.51
STR #30	MH TA, T1F CL (4" FRAME)	9'	17+54.78	32.01' RT	666.30	659.71	659.91	659.71	659.71
STR #31	RCP PF W/ RISER 180", T11 F&G	43"X68"X48"	17+77.58	32.00' RT	666.24	X	X	660.18	660.18
STR #32	RCP PF W/ RISER 45" (CL)	43"X68"X48"	18+44.51	31.99' RT	666.80	660.75	X	X	660.75
STR #33	JUNCTION CHAMBER	N/A	18+19.18	20.11' RT	666.70	X	660.87	660.87	660.91

CS #2	CONFLICT STRUCTURE	9'X4'	17+87.98	32.00' RT	666.74	662.64	662.67	660.28	660.28
SAN #12	SAN MH TA, T1F CL	4'	17+30.90	26.51' RT	666.81	X	658.57	X	658.57
SAN #13	DROP SAN MH, T1F CL	5'	17+61.30	56.89' RT	667.02	653.47	653.47	X	657.93

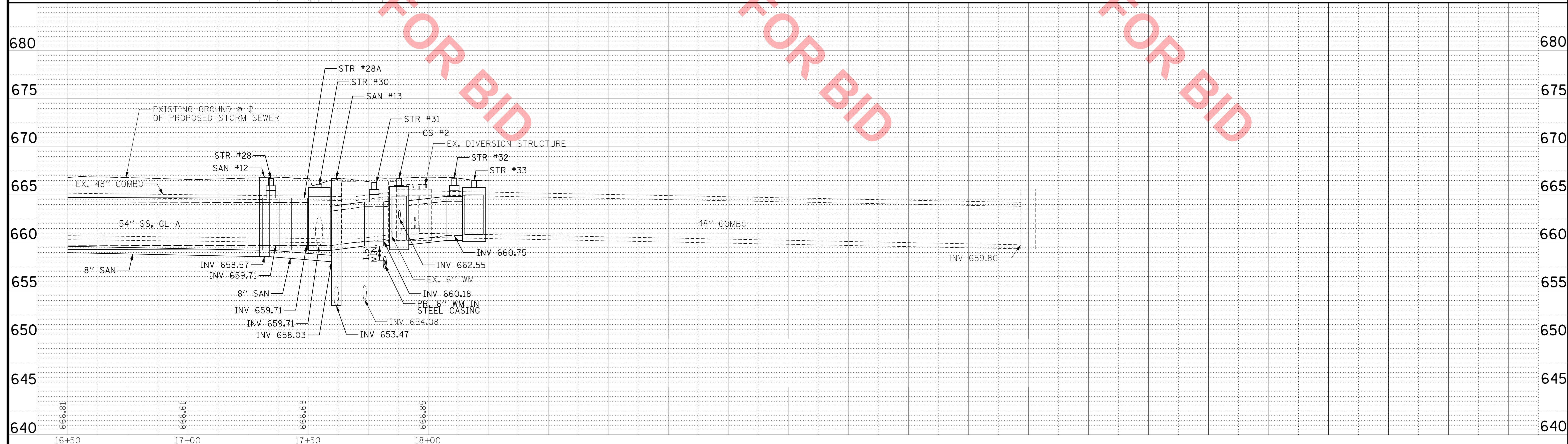
VV #7	VV TA, T1F CL W/ 8" VALVE	4'	17+22.00	31.00' LT	665.77				
VV #8	VV TA, T1F CL W/ 6" VALVE <th>4'</th> <th>17+81.37</th> <th>43.73' RT</th> <th>667.02</th> <th></th> <th></th> <th></th> <th></th>	4'	17+81.37	43.73' RT	667.02				
VV #9	VALVE BOX W/ 6" VALVE <th>N/A</th> <th>17+88.81</th> <th>38.90' LT</th> <th>665.39</th> <th></th> <th></th> <th></th> <th></th>	N/A	17+88.81	38.90' LT	665.39				



- NOTES:
- CONTRACTOR SHALL COORDINATE WITH COMED TO TEMPORARILY BRACE AND/OR PROTECT UTILITY/LIGHT POLES.
 - CONTRACTOR SHALL PROTECT/BRACE EXISTING ELECTRICAL CONTROL BOX FOR THE VILLAGE SCADA SYSTEM. THE ELECTRICAL CONTROL BOX IS POWERED BY THE SOLAR PANEL TO THE EAST. THE SCADA SYSTEM SHALL BE POWERED AT ALL TIMES DURING CONSTRUCTION. IF NECESSARY, THE CONTRACTOR SHALL PROVIDE TEMPORARY POWER TO THE SYSTEM USING METHODS APPROVED BY THE VILLAGE. THE EXISTING ELECTRICAL LINE SHALL BE RELOCATED AS NECESSARY FOR CONSTRUCTION. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED JUNCTION CHAMBER (STR #33).
 - IT IS INTENDED THAT THE PROPOSED ENCASED WATER MAIN CROSSING BENEATH THE EXIST. 48" COMBINED SEWER WILL BE INSTALLED WITHOUT DISTURBING THE EXIST. SEWER. QUANTITY HAS BEEN PROVIDED FOR 48" SANITARY SEWER AND CONCRETE COLLARS IF BOTH THE CONTRACTOR AND ENGINEER DETERMINE THESE CROSSINGS CANNOT BE COMPLETED WITHOUT REMOVING PORTIONS OF THE EX. SEWER.

LEGEND

- CLASS D PATCHES, SPECIAL, 6 INCH
- PAVEMENT RECONSTRUCTION (SEE TYP. SECTIONS)
- DRIVEWAY PAVEMENT REMOVAL
- PCC SIDEWALK, 5 INCH
- HOT-MIX ASPHALT RESURFACING, 2"



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 Rosemont, Illinois 60018
 (847) 823-0500

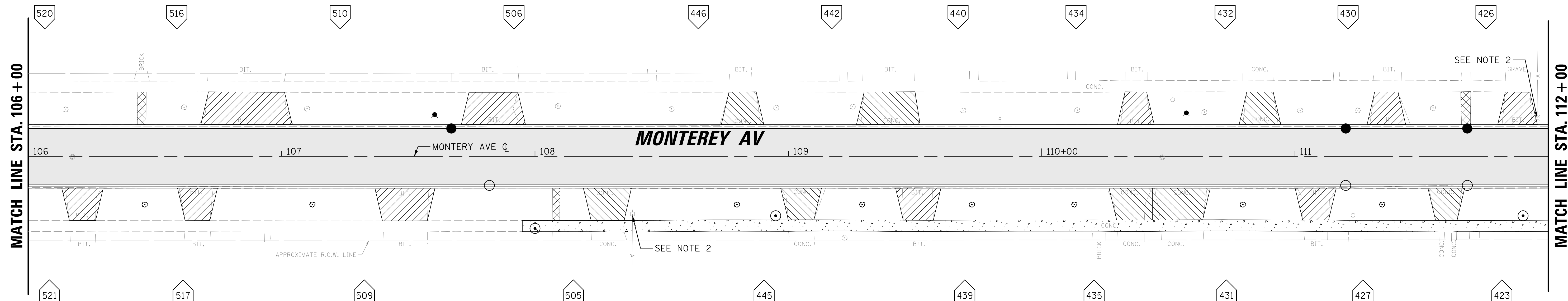
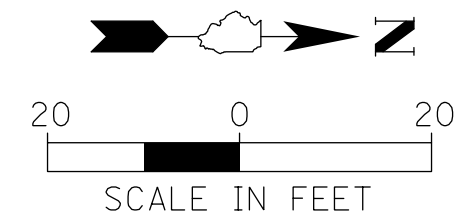
CLIENT:

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

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

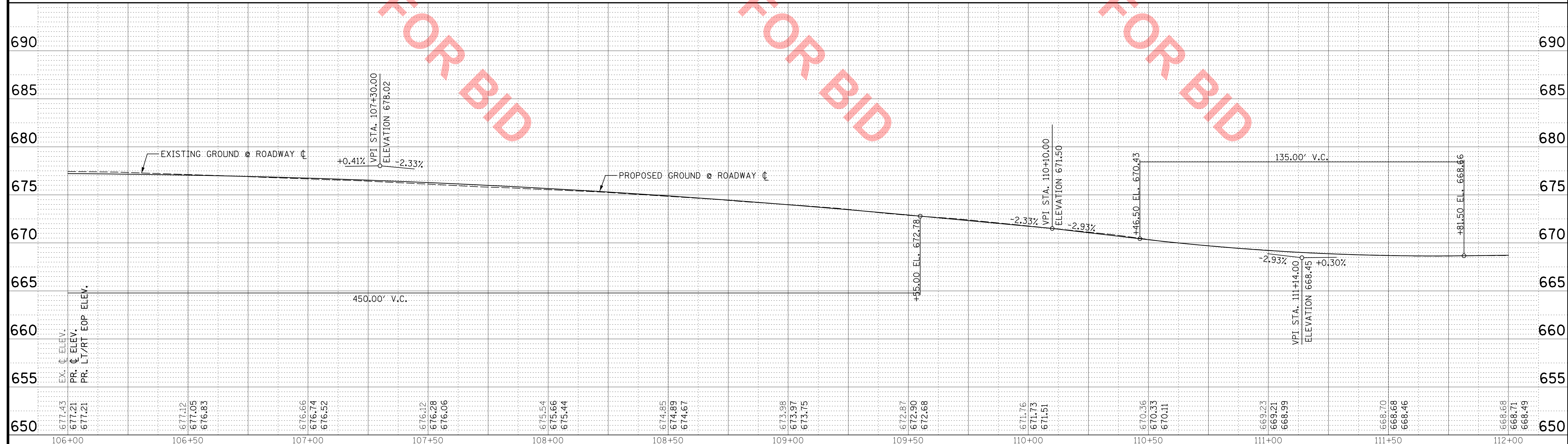
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PROJ. NO. 140092.00008
 DATE: 4/14/2022
 SHEET 18 OF 50
 DRAWING NO. **UPP-7**



- LEGEND**
- CLASS D PATCHES, SPECIAL, 6 INCH
 - PAVEMENT RECONSTRUCTION (SEE TYP. SECTIONS)
 - PCC DRIVEWAY PAVEMENT, 6"
 - HMA DRIVEWAY PAVEMENT, 4"
 - SIDEWALK REMOVAL (ONLY)
 - PCC SIDEWALK, 5"
 - HOT-MIX ASPHALT RESURFACING, 2"
 - COMBO. CONC. CURB AND GUTTER, TYPE B-6.12
 - TREES (SEE NOTE 4)

- NOTES:**
- ALL CURB RAMPS SHALL INCLUDE DETECTABLE WARNING TILES AND BE CONSTRUCTED IN STRICT COMPLIANCE WITH APPLICABLE IDOT AND ADA REGULATIONS AND DETAILS.
 - CONTRACTOR SHALL COORDINATE WITH COMED TO TEMPORARILY BRACE AND/OR PROTECT UTILITY/LIGHT POLES.
 - DRIVEWAY APRONS SHALL BE REPLACED TO MATCH EXISTING MATERIAL. GRAVEL APRONS SHALL BE REPLACED WITH HMA DRIVEWAY PAVEMENT.
 - EXACT LOCATIONS OF NEW TREES WILL BE MARKED IN THE FIELD BY THE ENGINEER AND SHALL BE APPROVED BY VILLA PARK PUBLIC WORKS PRIOR TO PLANTING.



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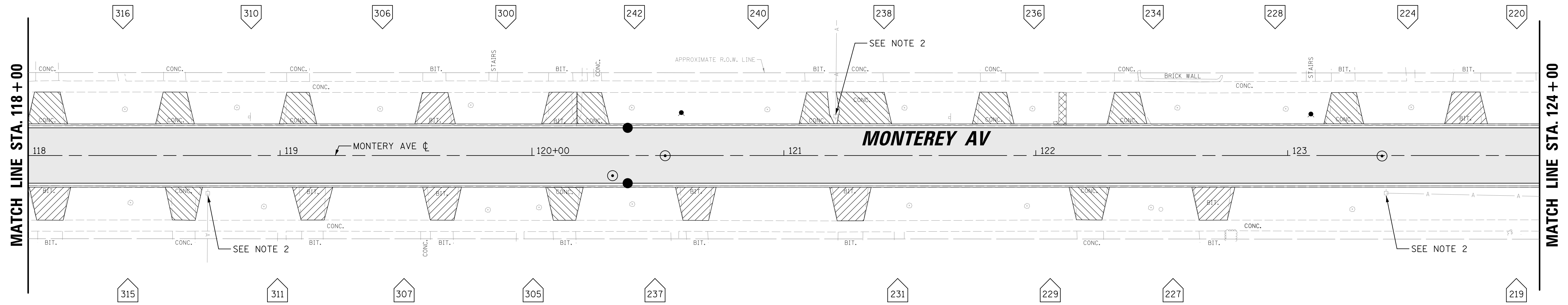
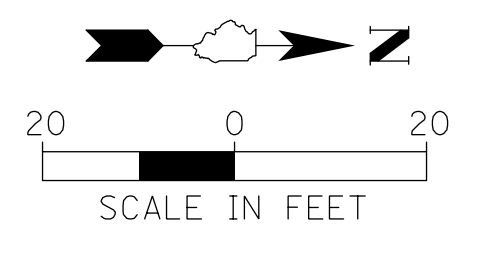
CLIENT:

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

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

TITLE: **WASHINGTON STREET SEWER SEPARATION - PHASE 1 ROADWAY PLAN & PROFILE MONTEREY AVENUE**

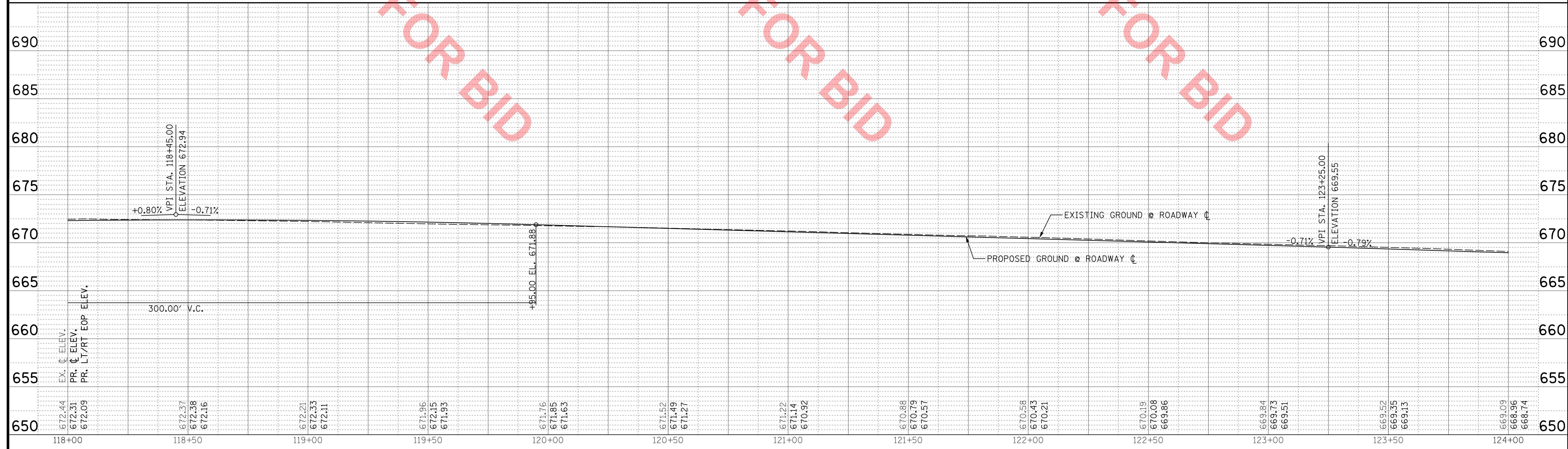
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 DATE: 4/14/2022
 SHEET 21 OF 50
 DRAWING NO.
RPP-2



LEGEND

	CLASS D PATCHES, SPECIAL, 6 INCH		SIDEWALK REMOVAL (ONLY)
	PAVEMENT RECONSTRUCTION (SEE TYP. SECTIONS)		PCC SIDEWALK, 5"
	PCC DRIVEWAY PAVEMENT, 6"		HOT-MIX ASPHALT RESURFACING, 2"
	HMA DRIVEWAY PAVEMENT, 4"		COMBO. CONC. CURB AND GUTTER, TYPE B-6.12
			TREES (SEE NOTE 4)

- NOTES:**
- ALL CURB RAMPS SHALL INCLUDE DETECTABLE WARNING TILES AND BE CONSTRUCTED IN STRICT COMPLIANCE WITH APPLICABLE IDOT AND ADA REGULATIONS AND DETAILS.
 - CONTRACTOR SHALL COORDINATE WITH COMED TO TEMPORARILY BRACE AND/OR PROTECT UTILITY/LIGHT POLES.
 - DRIVEWAY APRONS SHALL BE REPLACED TO MATCH EXISTING MATERIAL. GRAVEL APRONS SHALL BE REPLACED WITH HMA DRIVEWAY PAVEMENT.
 - EXACT LOCATIONS OF NEW TREES WILL BE MARKED IN THE FIELD BY THE ENGINEER AND SHALL BE APPROVED BY VILLA PARK PUBLIC WORKS PRIOR TO PLANTING.



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CLIENT:

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 20 S. ARDMORE AVENUE
 VILLA PARK, IL 60181-2696

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:
				Default

TITLE: **WASHINGTON STREET SEWER SEPARATION - PHASE 1 ROADWAY PLAN & PROFILE MONTEREY AVENUE**

PROJ. NO.	140092.00008
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SHEET 23 OF 50	
DRAWING NO.	RPP-4

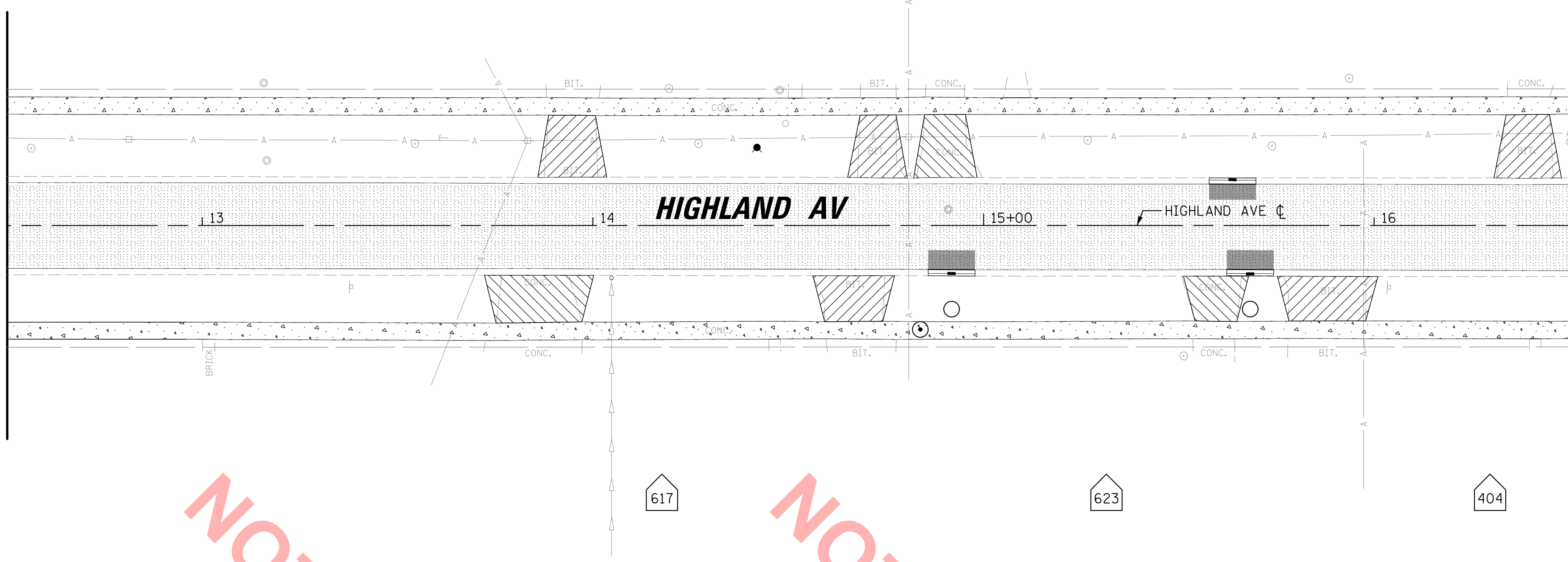


- LEGEND**
- CLASS D PATCHES, SPECIAL, 6 INCH
 - PAVEMENT RECONSTRUCTION (SEE TYP. SECTIONS)
 - PCC DRIVEWAY PAVEMENT, 6"
 - HMA DRIVEWAY PAVEMENT, 4"
 - SIDEWALK REMOVAL (ONLY)
 - PCC SIDEWALK, 5"
 - HOT-MIX ASPHALT RESURFACING, 2"
 - COMBO. CONC. CURB AND GUTTER, TYPE B-6.12
 - TREES (SEE NOTE 4)

- NOTES:**
1. ALL CURB RAMPS SHALL INCLUDE DETECTABLE WARNING TILES AND BE CONSTRUCTED IN STRICT COMPLIANCE WITH APPLICABLE IDOT AND ADA REGULATIONS AND DETAILS.
 2. CONTRACTOR SHALL COORDINATE WITH COMED TO TEMPORARILY BRACE AND/OR PROTECT UTILITY/LIGHT POLES.
 3. DRIVEWAY APRONS SHALL BE REPLACED TO MATCH EXISTING MATERIAL, UNLESS DIRECTED OTHERWISE BY THE ENGINEER. GRAVEL APRONS SHALL BE REPLACED WITH HMA DRIVEWAY PAVEMENT.
 4. EXACT LOCATIONS OF NEW TREES WILL BE MARKED IN THE FIELD BY THE ENGINEER AND SHALL BE APPROVED BY VILLA PARK PUBLIC WORKS PRIOR TO PLANTING.

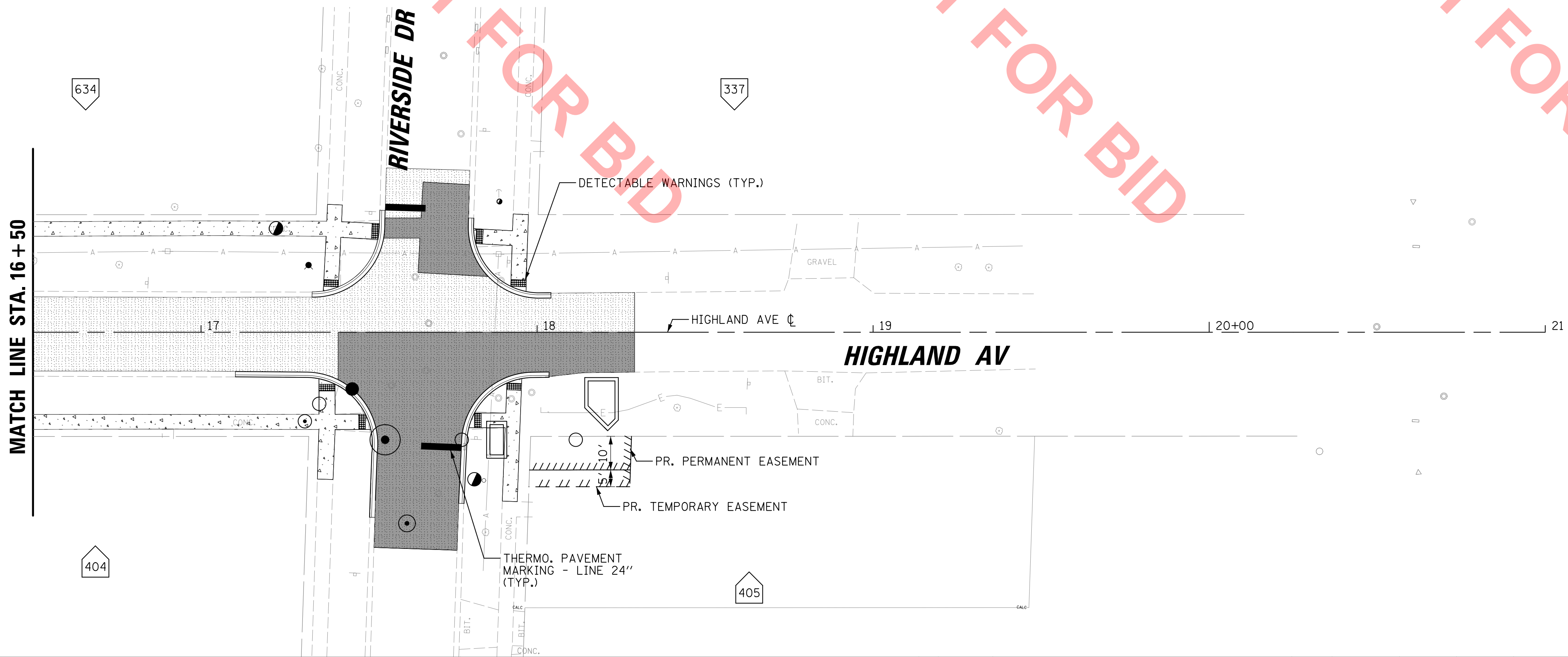
SEE SHEET RPP-3
FOR MONTEREY AVENUE
MATCH LINE STA. 12 + 50

MATCH LINE STA. 16 + 50



NOT FOR BID

NOT FOR BID



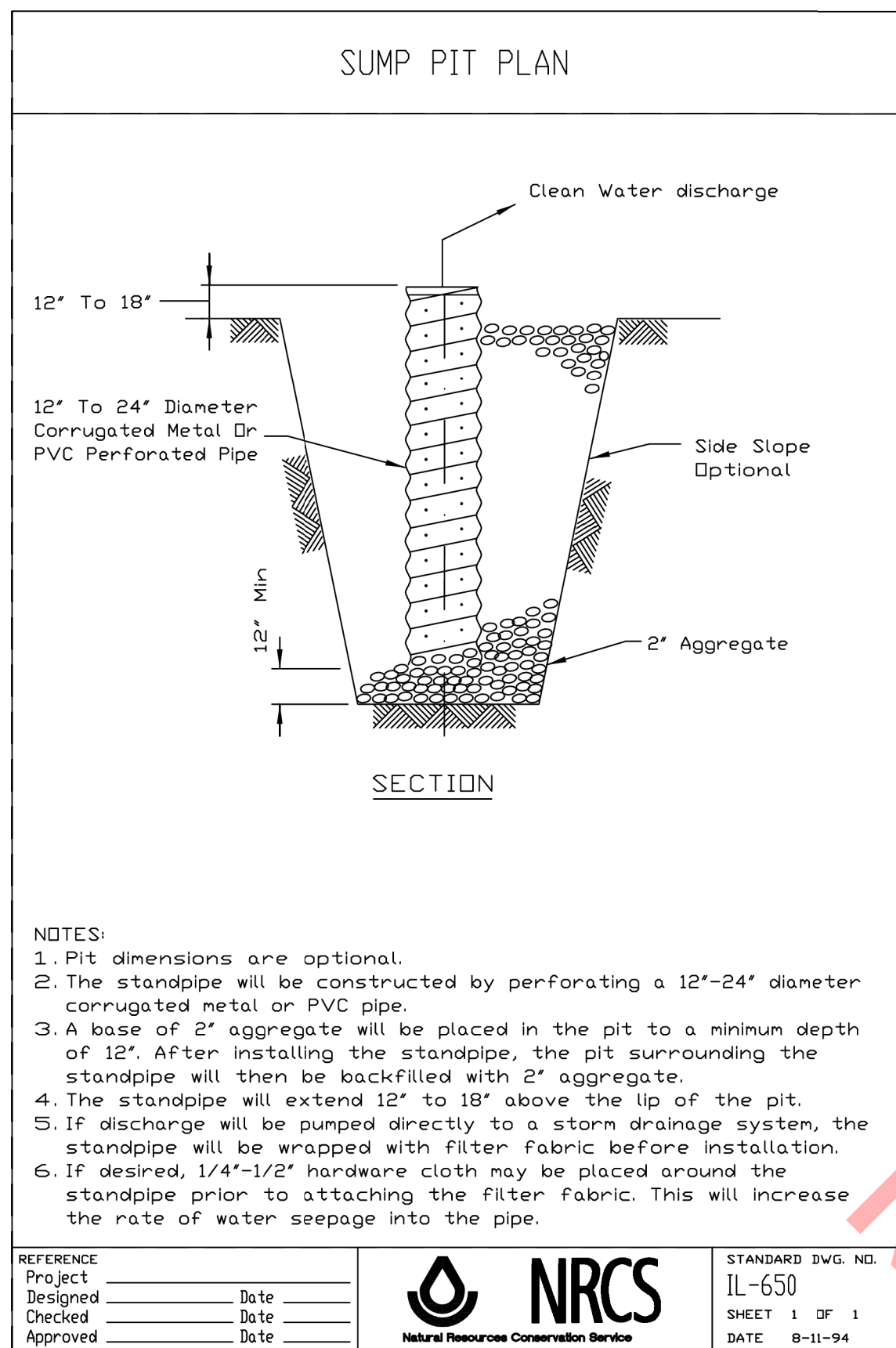
CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

CLIENT:
 VILLAGE OF VILLA PARK
20 S. ARDMORE AVENUE
VILLA PARK, IL 60181-2696

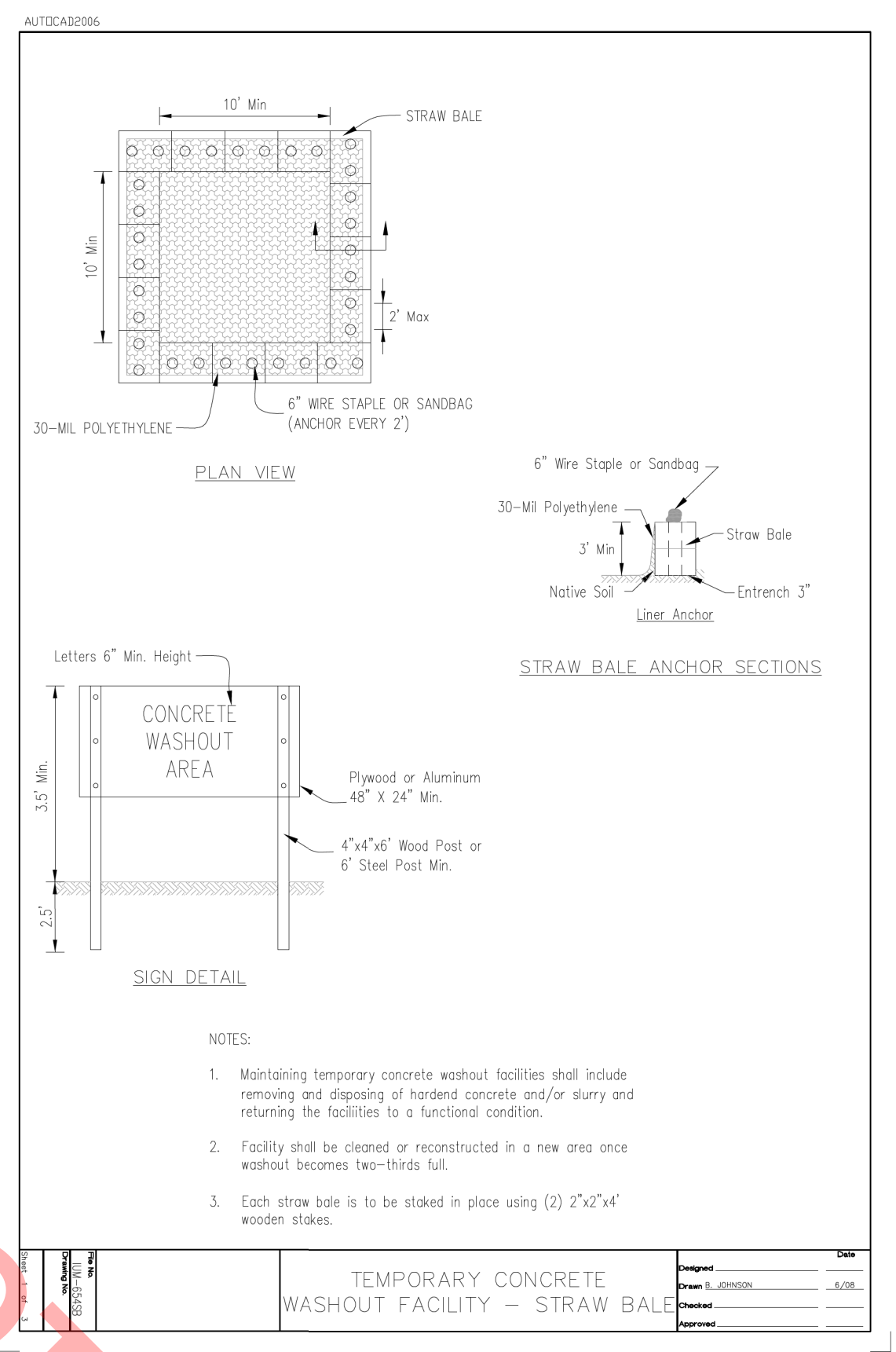
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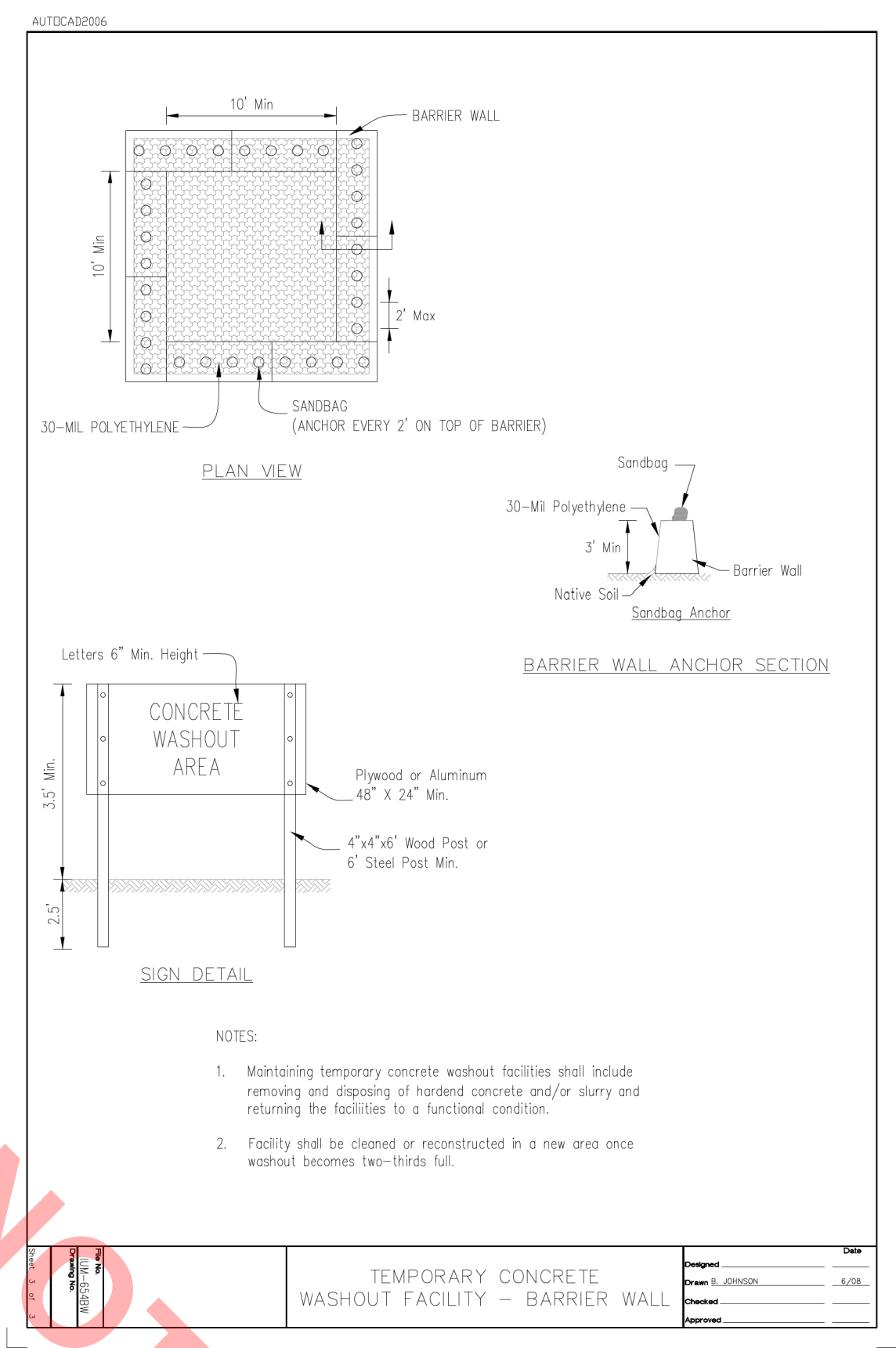
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SHEET 25 OF 50
DRAWING NO. **PLN-1**



THIS WORK SHALL BE INCLUDED IN THE COST OF SITE DEWATERING.

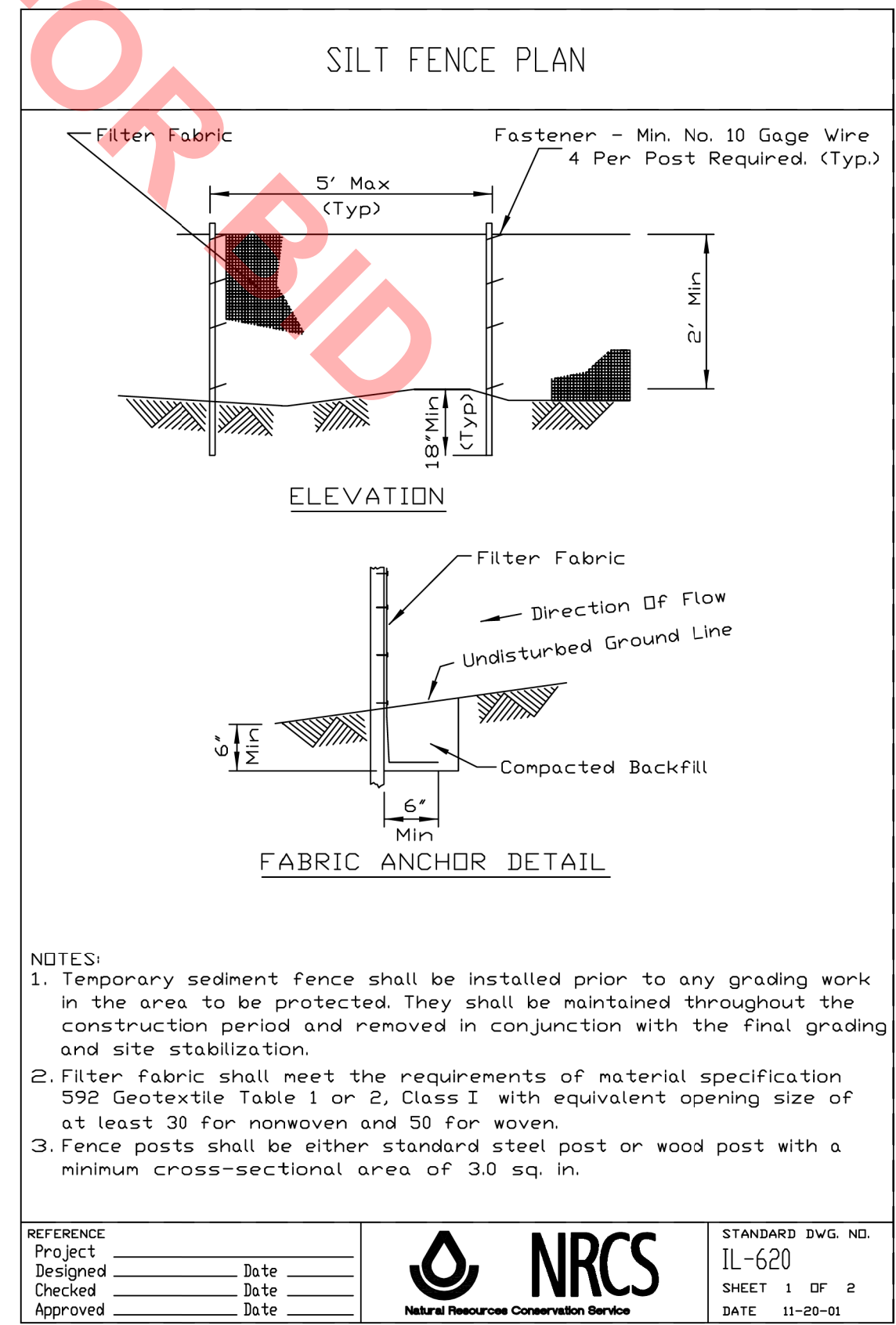


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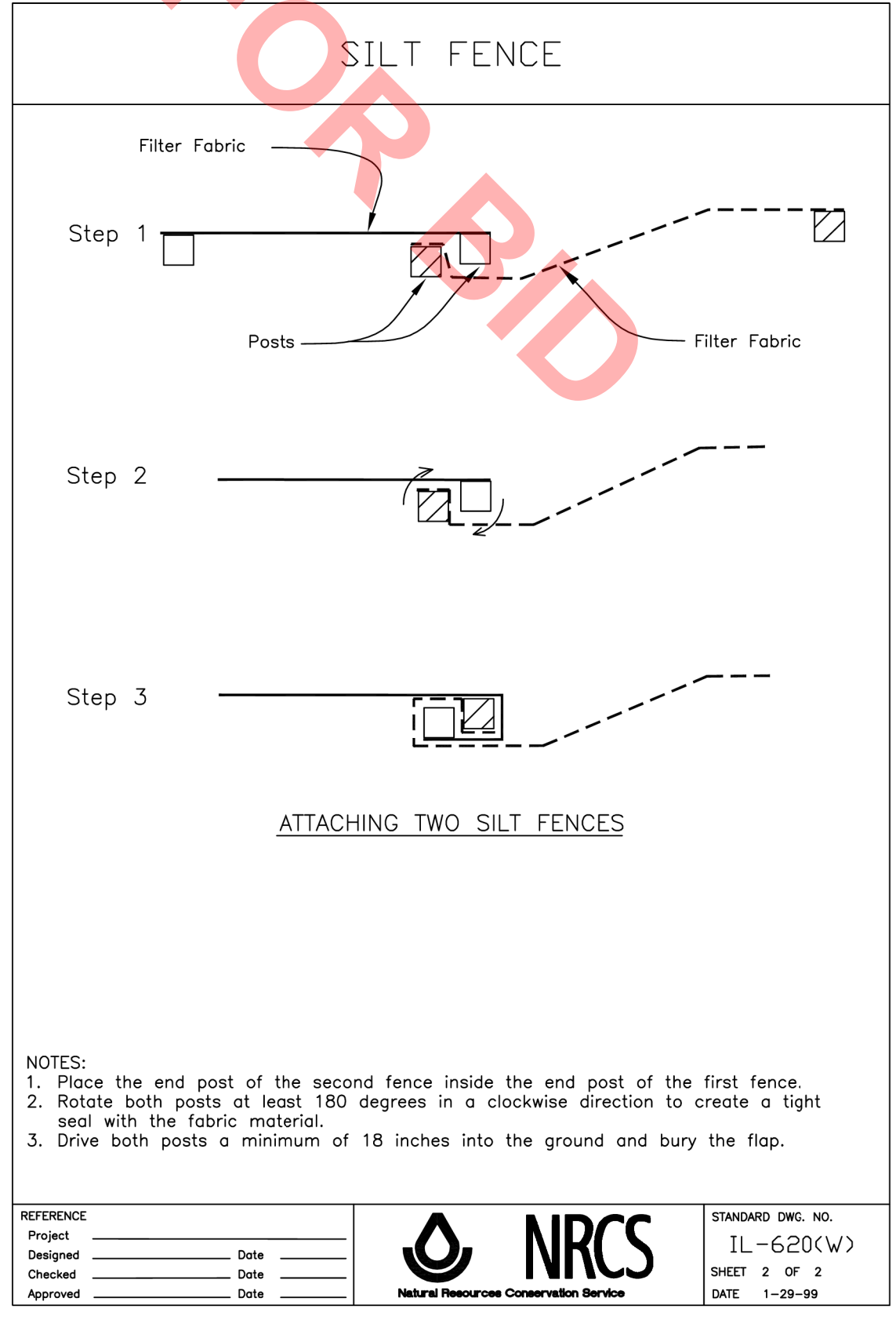


THIS WORK SHALL BE INCLUDED IN THE COST OF SITE DEWATERING.

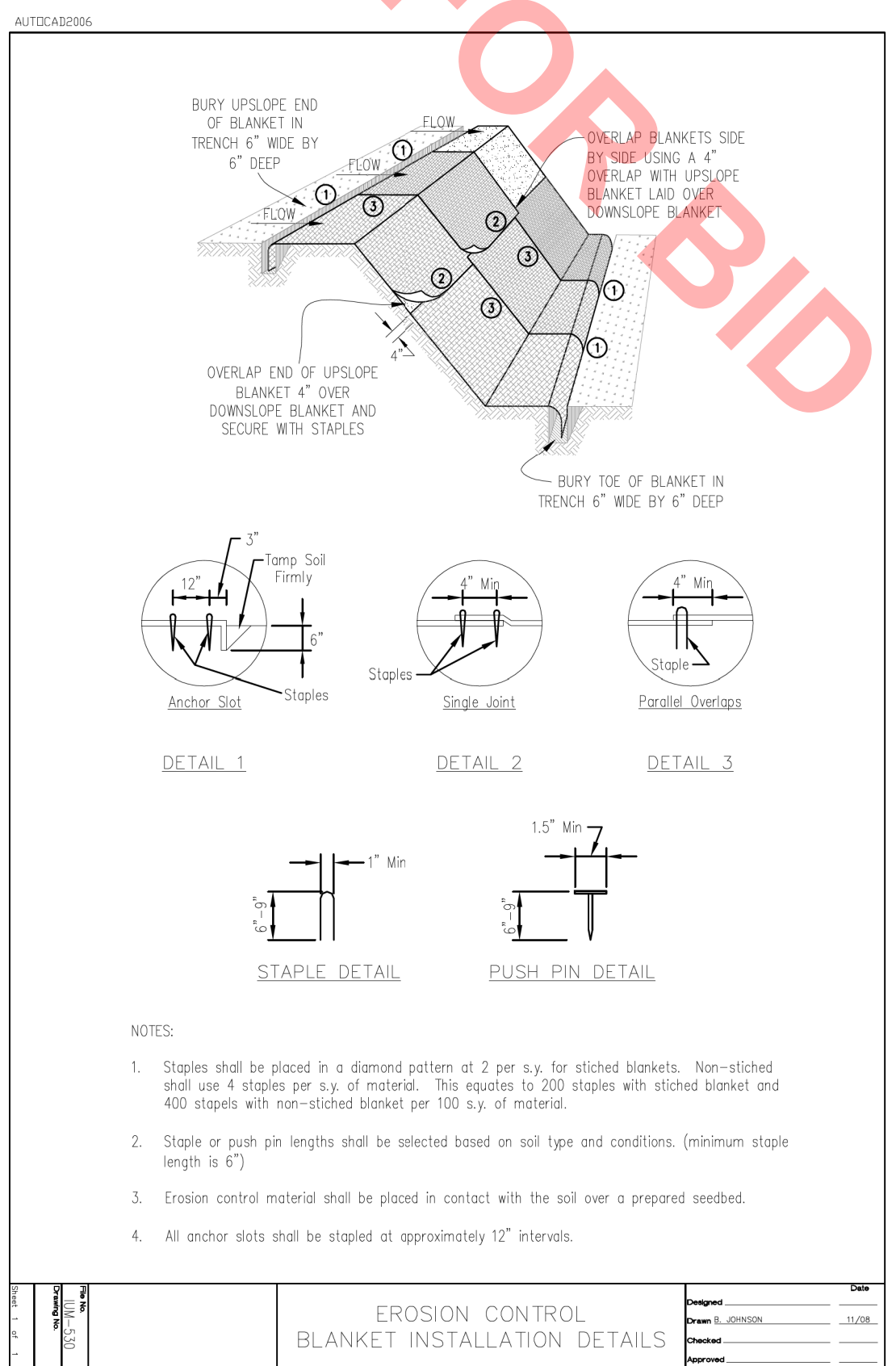
- ### SOIL EROSION CONTROL AND SEDIMENT CONTROL NOTES
- SOIL EROSION AND SEDIMENT CONTROL (SESC) FEATURES MUST BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. SOIL DISTURBANCE MUST BE PHASED OR ENACTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES MUST CONSIDER 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 FREE 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 MEASURE CAN BE USED.
 - A TEMPORARY CONCRETE WASHOUT SHALL BE INSTALLED WITHIN THE PROJECT LIMITS DURING CONSTRUCTION. CONCRETE WASHOUTS SHALL BE CLEANED AND MAINTAINED DURING CONSTRUCTION AS NECESSARY OR AT THE DIRECTION OF THE ENGINEER. THE INSTALLATION, MAINTENANCE, REMOVAL AND DISPOSAL OF TEMPORARY CONCRETE WASHOUT FACILITIES SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED CONCRETE WORK. THE LOCATION OF THE TEMPORARY CONCRETE WASHOUT SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. WHENEVER THE WASHOUT IS LOCATED ADJACENT TO OPEN LANES OF TRAFFIC OR PEDESTRIAN ROUTES, THE WASHOUT SHALL BE PROPERLY BARRICADED AND PROTECTED FROM TRAFFIC AND PEDESTRIANS.



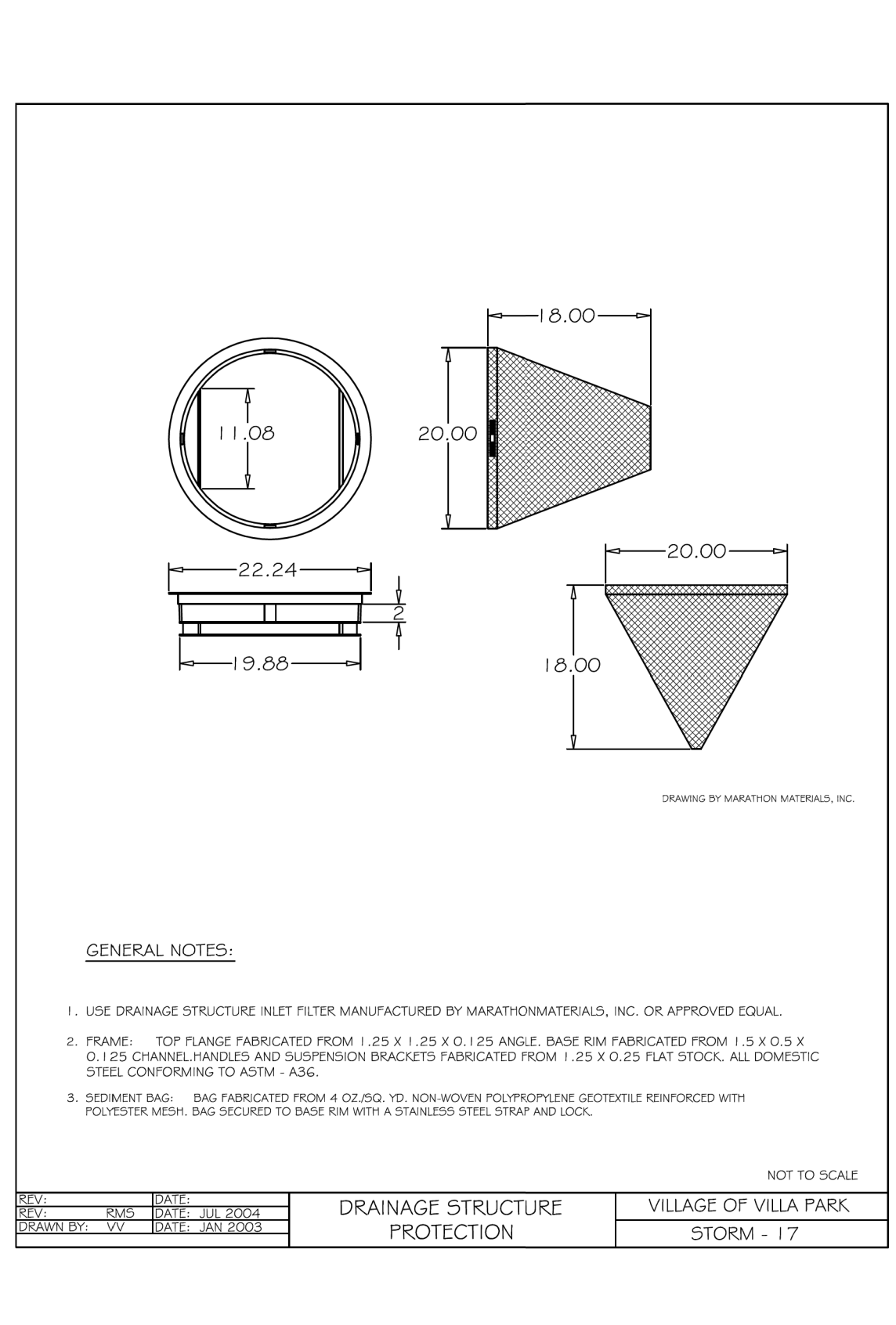
THIS WORK SHALL BE INCLUDED IN THE COST OF SITE DEWATERING.



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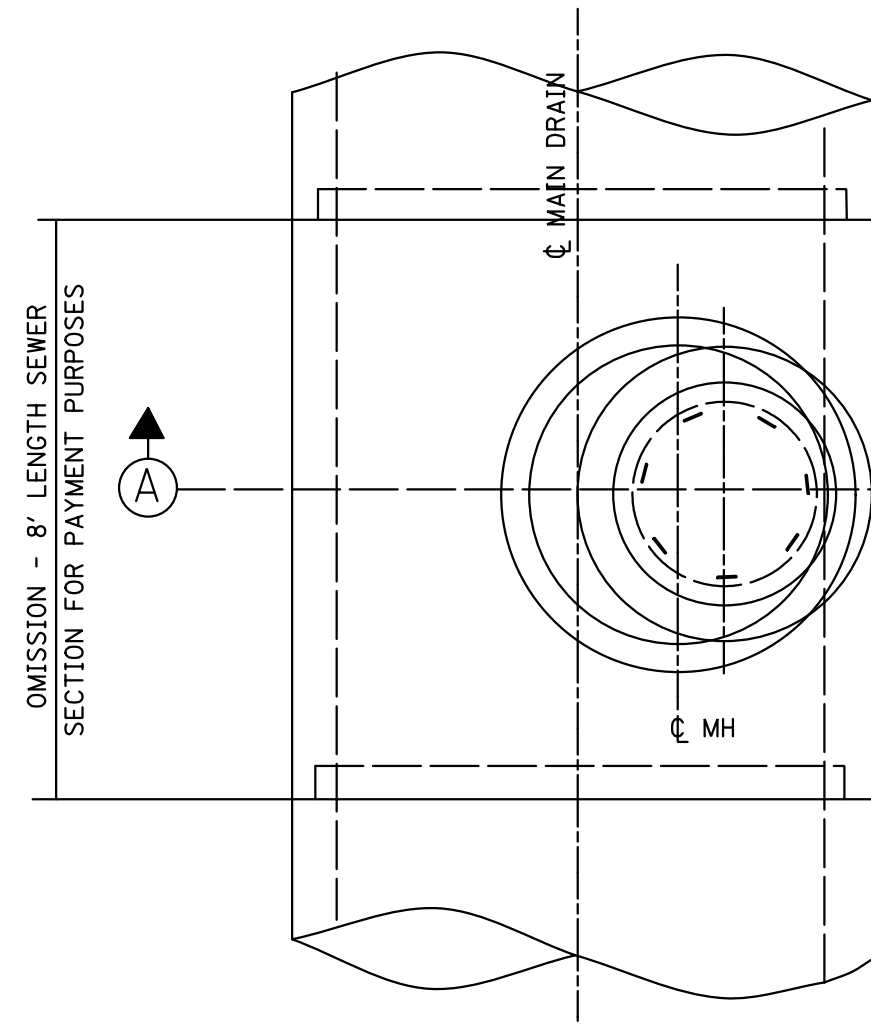
CLIENT: **Village of Villa Park**
 THE GARDEN CITY VILLAGE
 20 S. ARDMORE AVENUE
 VILLA PARK, IL 60181-2696

NO.	DATE	NATURE OF REVISION	CHKD.
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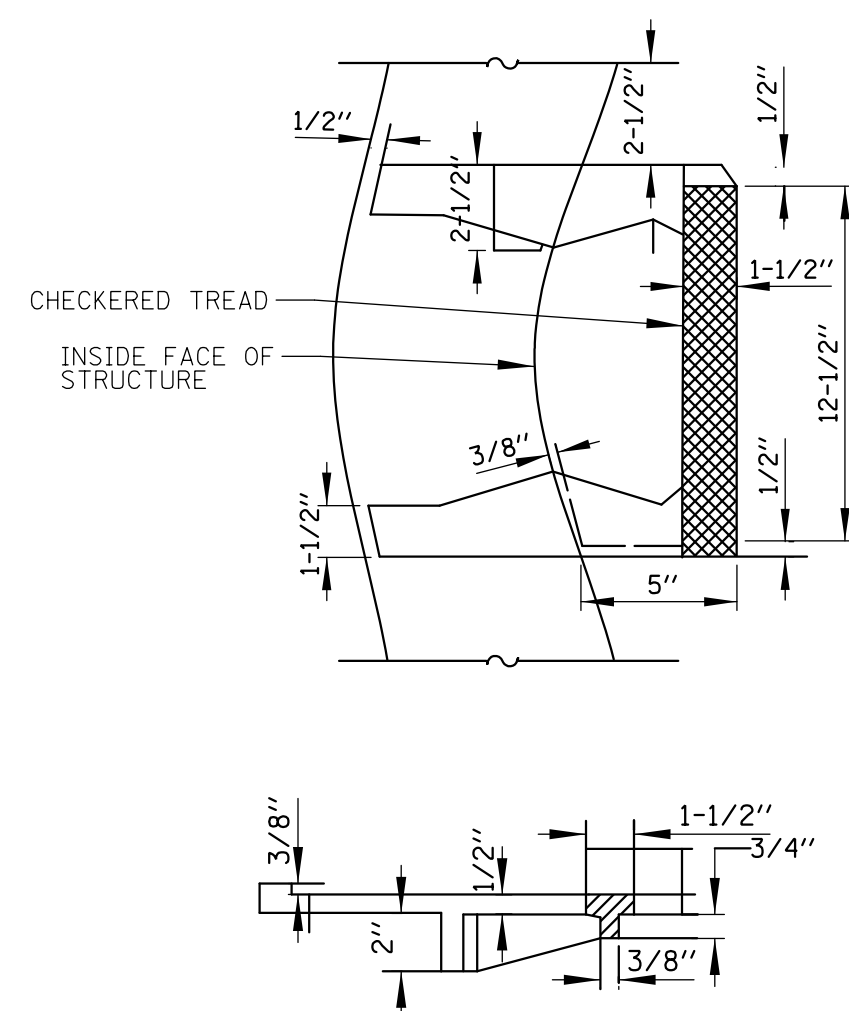
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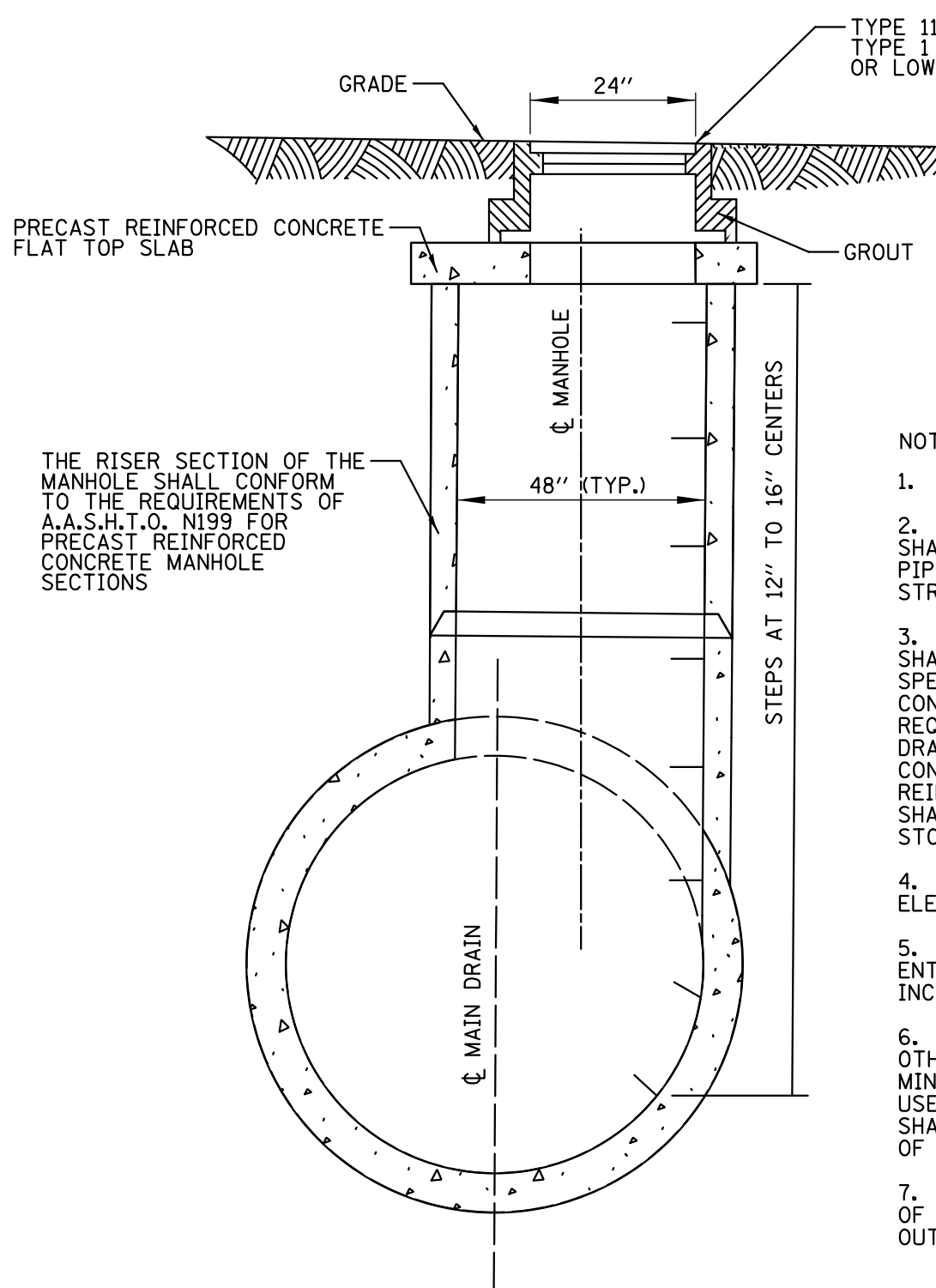
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 SHEET 26 OF 50
 DRAWING NO.
DET-1



PLAN



PLASTIC-COATED CAST IRON STEP

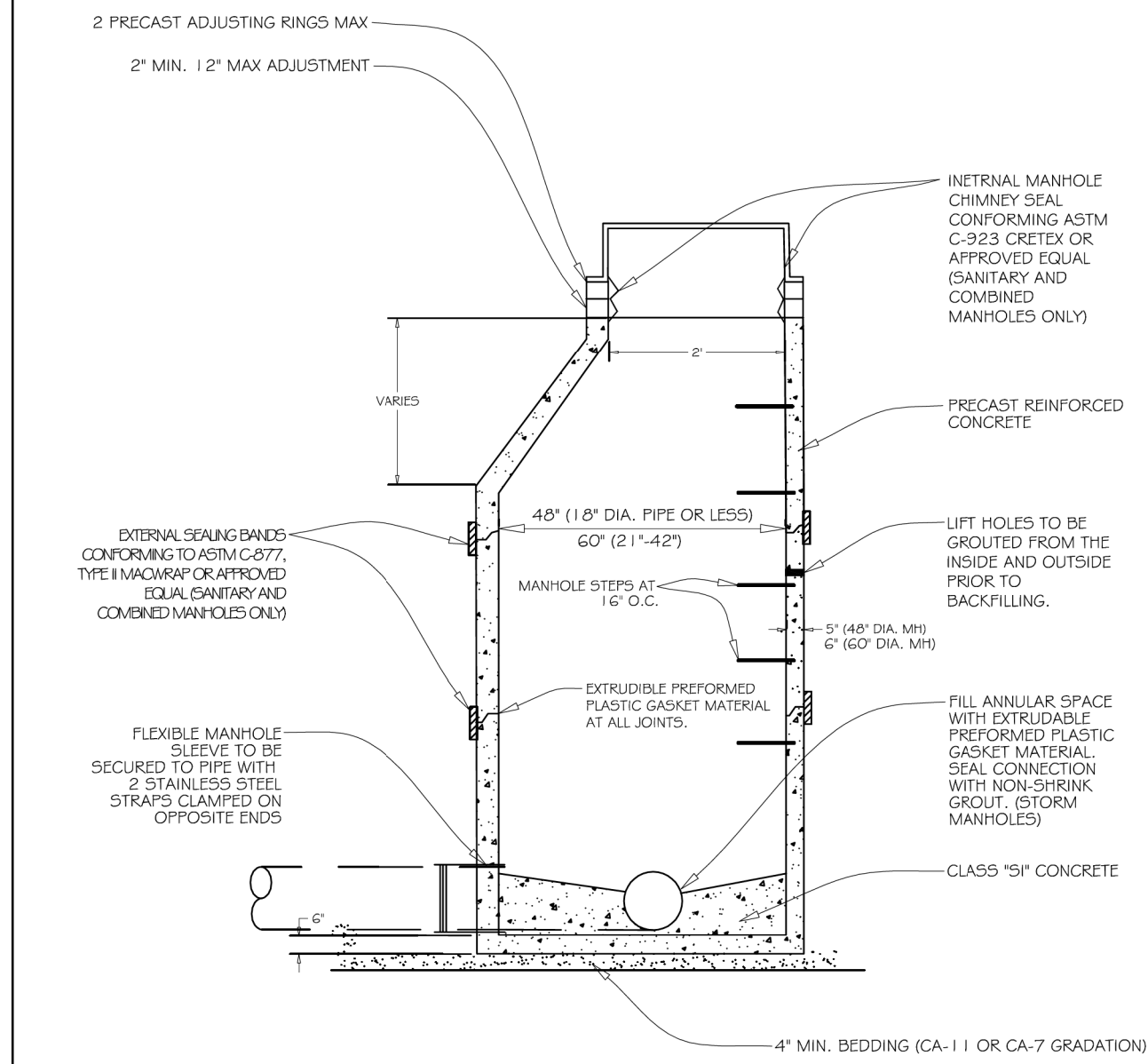


SECTION A-A

PIPE FITTING (WITH OPTIONAL RISER)

NOT TO SCALE

- NOTES:
- SEE PLANS FOR LOCATIONS
 - PRIOR TO FABRICATING PIPE FITTINGS, CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL FOR EACH PIPE FITTING SIGNED AND SEALED BY A LICENSED STRUCTURAL ENGINEER.
 - THE RISER SECTION OF THE PIPE FITTING SHALL CONFORM TO SECTION 70A OF THE STANDARD SPECIFICATIONS, REQUIRING PRECAST REINFORCED CONCRETE MANHOLE SECTIONS CONFORMING TO THE REQUIREMENTS OF A.A.S.H.T.O. THE CIRCULAR MAIN DRAIN PORTION OF THE PIPE FITTING SHALL CONFORM TO THE REQUIREMENTS OF A.A.S.H.T.O. FOR REINFORCED CONCRETE CULVERT PIPE, AND THE CLASS SHALL BE THAT OF THE HIGHER TYPE OF THE ADJACENT STORM SEWER AS SPECIFIED IN THE PLANS.
 - SEE UTILITY PLAN AND PROFILE SHEETS FOR ELEVATIONS OF TRUNK SEWER.
 - THE CONTRACT UNIT PRICE SHALL INCLUDE THE ENTIRE STRUCTURE IN PLACE AS SPECIFIED ON THE PLAN, INCLUDING THE RISER, TOP SLAB AND CASTING.
 - STEPS, AS DETAILED HEREON, ARE TYPICAL. STEPS OF OTHER DESIGN AND MATERIAL THAT CONFORM TO THE MINIMUM REQUIREMENTS OF THE STEPS SHOWN, MAY BE USED WHEN APPROVED BY THE ENGINEER. CAST IRON STEPS SHALL BE PLASTIC-COATED AND CONFORM TO ARTICLE 710.17 OF THE STANDARD SPECIFICATIONS.
 - STEPS SHALL BE EMBEDDED IN THE WALL A MINIMUM OF 4 INCHES AND SHALL NOT BE EXTENDED ON THE OUTSIDE.

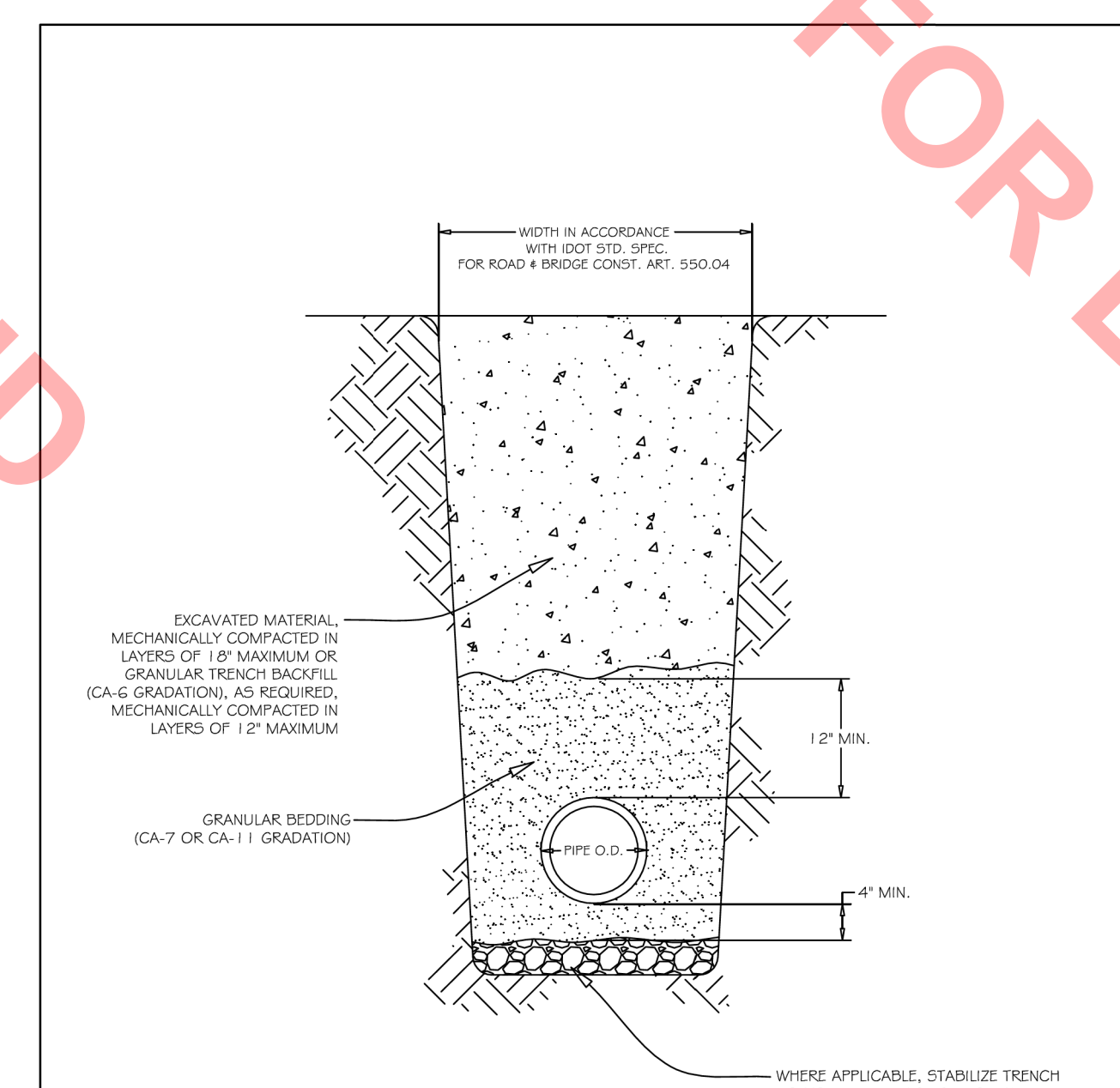


GENERAL NOTES:

- FRAME AND LID (SANITARY):
NEENAH R-1015-2000 FRAME
NEENAH R-1015-2001 SELF SEALING LID
- FRAME AND LID (STORM):
NEENAH R-1015-2000 FRAME
NEENAH R-1015-2001 LID
- ALL LIFT HOLES ARE TO BE GROUTED FROM INSIDE AND OUTSIDE BEFORE BACKFILLING

NOT TO SCALE

REV: RM5	DATE: JUL 2004	VILLAGE OF VILLA PARK
REV: VV	DATE: JAN 2003	SANITARY - 05
DRAWN BY: VV		STANDARD MANHOLE

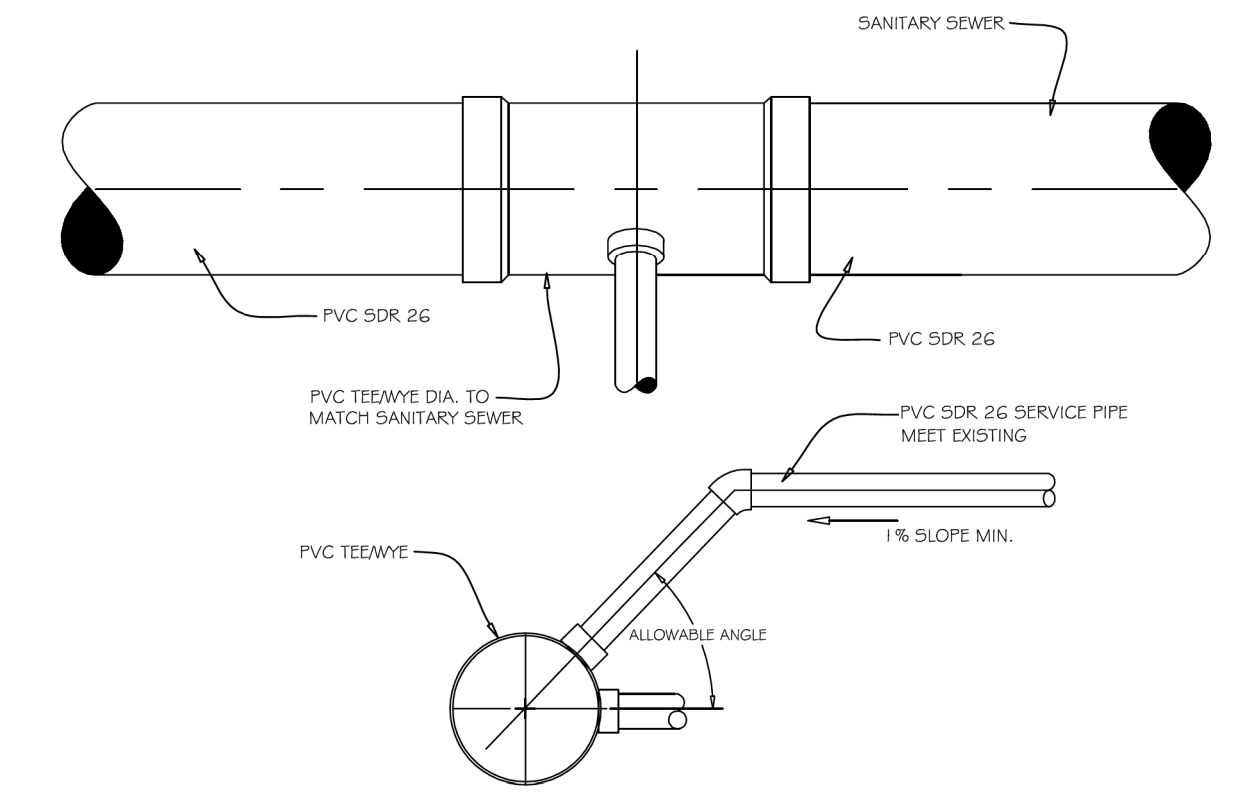


GENERAL NOTES:

- GRANULAR TRENCH BACKFILL SHALL BE MECHANICALLY COMPACTED IN LAYERS OF 12" MAXIMUM LOOSE MEASURE, TO 95% OF STANDARD MAXIMUM DENSITY (ASTM D 698)
- EXCAVATED MATERIAL USED FOR BACKFILL SHALL BE MECHANICALLY COMPACTED IN LAYERS OF 18" MAXIMUM LOOSE MEASURE, TO 90% OF STANDARD MAXIMUM DENSITY (ASTM D 698)

NOT TO SCALE

REV: KJM	DATE: 10/12/2006	VILLAGE OF VILLA PARK
REV: RM5	DATE: 07/2004	SANITARY - 05
REV: VV	DATE: 01/2003	PIPE INSTALLATION

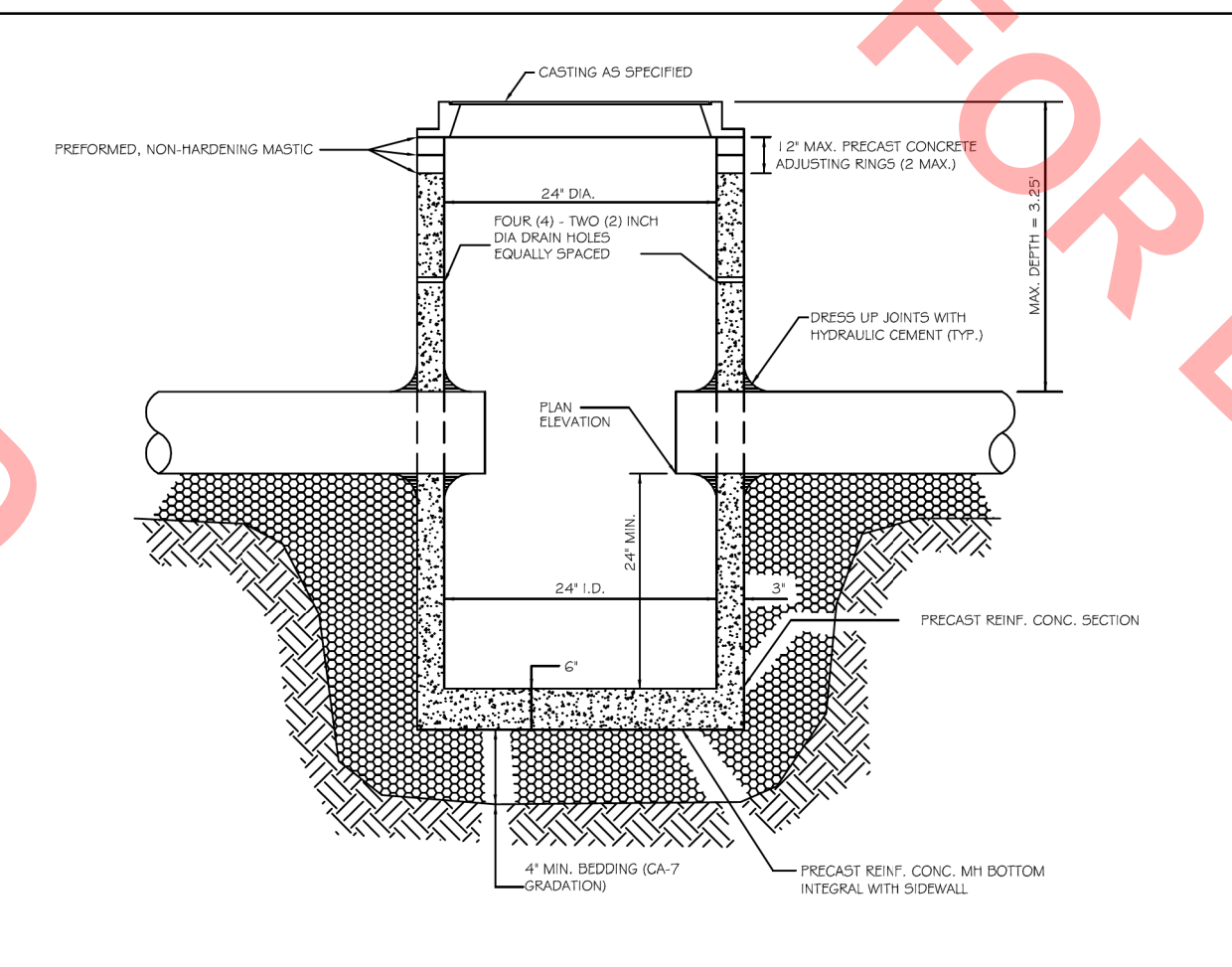


GENERAL NOTES:

- TEEWYE CAN BE INSTALLED ONLY DURING NEW SEWER INSTALLATION
- CONTRACTOR MAY USE A TEE OR A WYE AT HIS OPTION

NOT TO SCALE

REV: RM5	DATE: JUL 2004	VILLAGE OF VILLA PARK
REV: VV	DATE: JAN 2003	SANITARY - 10
DRAWN BY: VV		SANITARY TEE / WYE

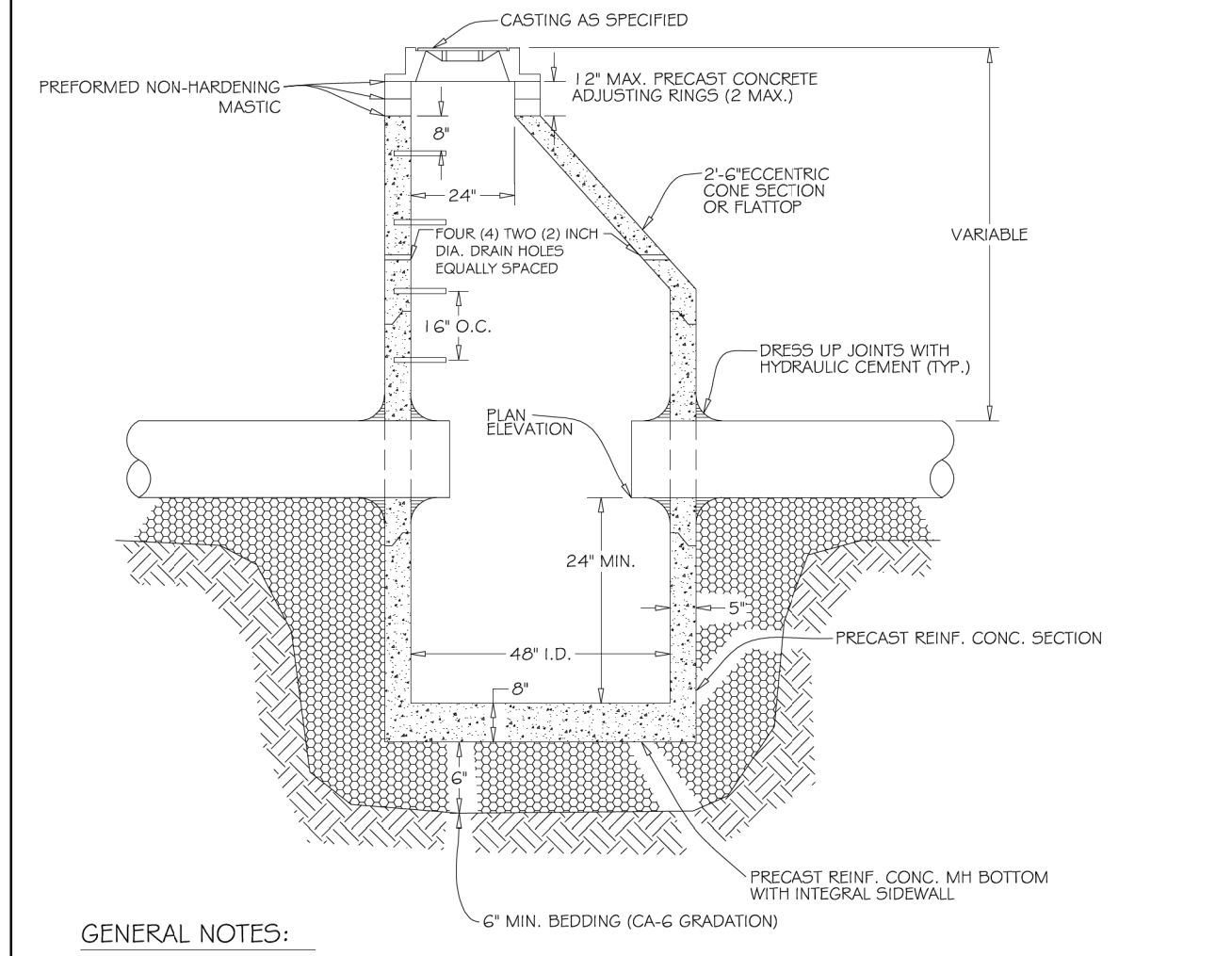


GENERAL NOTES:

- PROVIDE PRECAST REINFORCED CONCRETE BARREL AND RISER SECTION. CONCRETE BLOCK CONSTRUCTION IS NOT PERMITTED.
- PROVIDE GRANULAR BACKFILL AROUND CATCH BASIN TO SUBGRADE ELEVATION IN PAVED AREAS. MATERIAL SHALL MEET THE REQUIREMENTS OF IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FOR COARSE AGGREGATE (CA-6 GRADATION.)
- WHEN THE FRAME DOES NOT MEET PROPOSED ELEVATION, A MAXIMUM OF TWO PRECAST CONCRETE RINGS MAY BE USED TO A MAXIMUM HEIGHT OF 12 INCHES. THE RINGS AND FRAME SHALL BE SET IN A BED OF PREFORMED NON-HARDENING MASTIC (RUB-R-NEK, EZ STICK OR APPROVED EQUAL).
- PRECAST ADJUSTING RINGS SHALL BE REINFORCED WITH NO. 3 GAUGE WIRE OR EQUIVALENT AND SHALL HAVE A MINIMUM THICKNESS OF TWO INCHES.
- MORTAR SHALL NOT BE USED TO DRESS UP ADJUSTING RINGS AND/OR FRAME.
- DRESS UP INTERIOR JOINTS WITH HYDRAULIC CEMENT.
- IN PAVED AREAS, DRAIN HOLES/SWEEP HOLES SHALL BE COVERED WITH FILTER FABRIC. FILTER FABRIC SHALL BE SECURED TO THE OUTSIDE OF STRUCTURE PRIOR TO BACKFILL.
- IN GRASSY AREAS, DRAIN HOLES/SWEEP HOLES SHALL BE PLUGGED WITH HYDRAULIC CEMENT.

NOT TO SCALE

REV: RM5	DATE: JUL 2004	VILLAGE OF VILLA PARK
REV: VV	DATE: JAN 2003	STORM - 01
DRAWN BY: VV		CATCH BASIN TYPE "C"

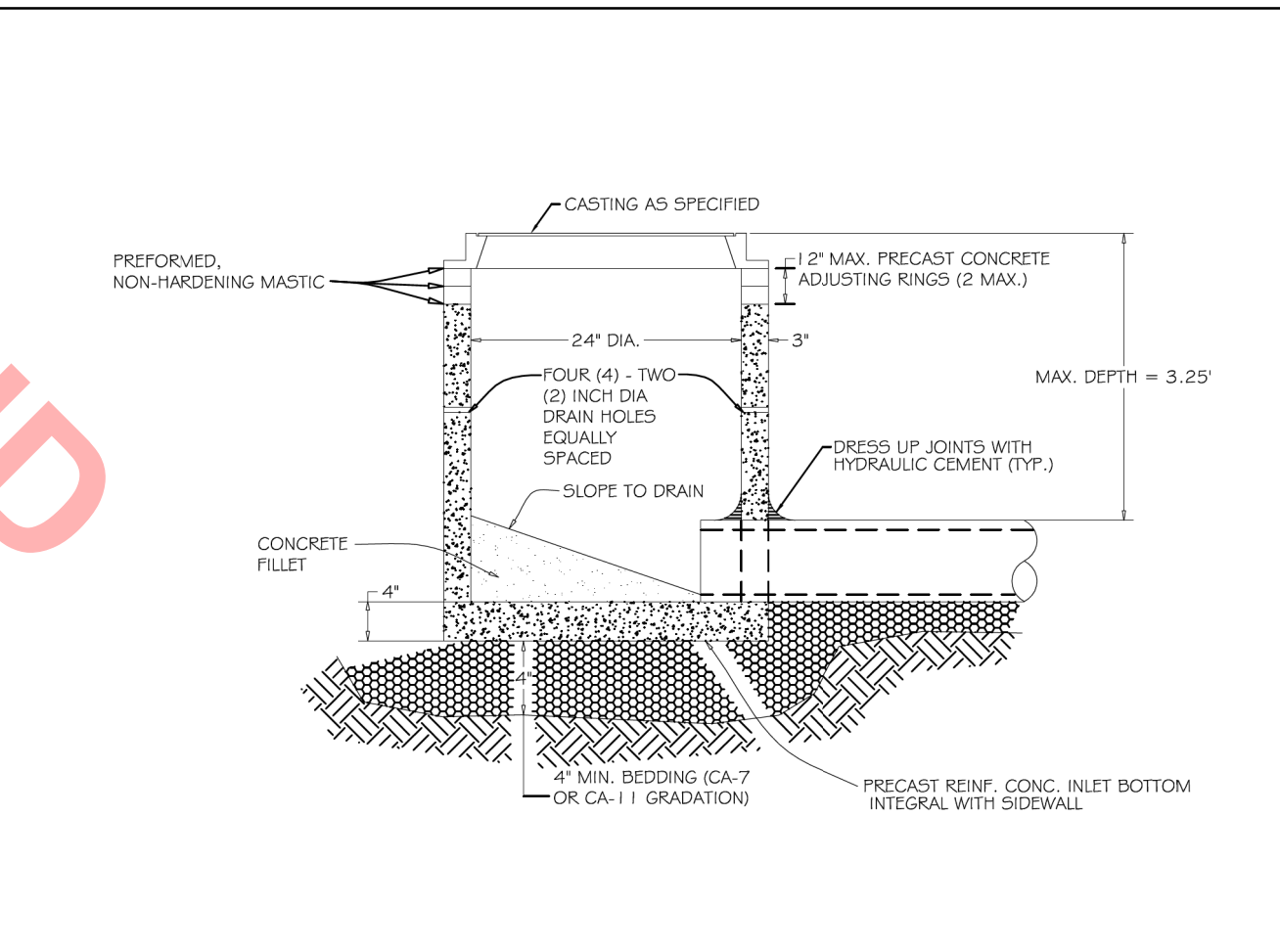


GENERAL NOTES:

- PROVIDE PRECAST REINFORCED CONCRETE BARREL AND RISER SECTIONS. CONCRETE BLOCK CONSTRUCTION IS NOT PERMITTED.
- PROVIDE GRANULAR BACKFILL AROUND CATCHBASIN TO SUBGRADE ELEVATION IN PAVED AREAS. MATERIAL SHALL MEET THE REQUIREMENTS OF IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FOR COARSE AGGREGATE (CA-6 GRADATION.)
- APPLY A CONTINUOUS LAYER OF NON-HARDENING PREFORMED BITUMINOUS MASTIC MATERIAL (RUB-R-NEK, EZ STICK) TO EACH JOINT TO PREVENT INFLOW.
- WHEN THE FRAME DOES NOT MEET PROPOSED ELEVATION, A MAXIMUM OF TWO PRECAST CONCRETE RINGS MAY BE USED TO A MAXIMUM HEIGHT OF 12 INCHES. THE RINGS AND FRAME SHALL BE SET IN A BED OF PREFORMED NON-HARDENING MASTIC (RUB-R-NEK, EZ STICK OR APPROVED EQUAL).
- PRECAST ADJUSTING RINGS SHALL BE REINFORCED WITH NO. 3 GAUGE WIRE OR EQUIVALENT AND SHALL HAVE A MINIMUM THICKNESS OF TWO INCHES.
- MORTAR SHALL NOT BE USED TO DRESS UP ADJUSTING RINGS AND/OR FRAME.
- ONLY PLASTIC POLYMER STEPS SHALL BE USED.
- WHEN CATCHBASIN DEPTH IS OVER 12 FEET, THE THICKNESS OF THE PRECAST, REINFORCED CONCRETE BASE SHALL BE A MINIMUM OF 10 INCHES. WHEN CATCHBASIN DEPTH IS LESS THAN 12 FEET, THE THICKNESS SHALL BE A MINIMUM OF 8 INCHES.
- DRESS UP INTERIOR JOINTS OF PRECAST CATCHBASIN AND OPENINGS AROUND THE PIPES WITH HYDRAULIC CEMENT.
- IN PAVED AREAS, DRAIN HOLES/SWEEP HOLES SHALL BE COVERED WITH FILTER FABRIC. FILTER FABRIC SHALL BE SECURED TO THE OUTSIDE OF STRUCTURE PRIOR TO BACKFILL.
- IN GRASSY AREAS, DRAIN HOLES/SWEEP HOLES SHALL BE PLUGGED WITH HYDRAULIC CEMENT.

NOT TO SCALE

REV: RM5	DATE: JUL 2004	VILLAGE OF VILLA PARK
REV: VV	DATE: JAN 2003	STORM - 16
DRAWN BY: VV		CATCH BASIN TYPE "A"



GENERAL NOTES:

- PROVIDE PRECAST REINFORCED CONCRETE BARREL AND RISER SECTION. CONCRETE BLOCK CONSTRUCTION IS NOT PERMITTED.
- PROVIDE GRANULAR BACKFILL AROUND INLET TO SUBGRADE ELEVATION IN PAVED AREAS. MATERIAL SHALL MEET THE REQUIREMENTS OF IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FOR COARSE AGGREGATE (CA-6 GRADATION.)
- WHEN THE FRAME DOES NOT MEET PROPOSED ELEVATION, A MAXIMUM OF TWO PRECAST CONCRETE RINGS MAY BE USED TO A MAXIMUM HEIGHT OF 12 INCHES. THE RINGS AND FRAME SHALL BE SET IN A BED OF PREFORMED NON-HARDENING MASTIC (RUB-R-NEK, EZ STICK OR APPROVED EQUAL).
- PRECAST ADJUSTING RINGS SHALL BE REINFORCED WITH NO. 3 GAUGE WIRE OR EQUIVALENT AND SHALL HAVE A MINIMUM THICKNESS OF TWO INCHES.
- MORTAR SHALL NOT BE USED TO DRESS UP ADJUSTING RINGS AND/OR FRAME.
- IN PAVED AREAS, DRAIN HOLES/SWEEP HOLES SHALL BE COVERED WITH FILTER FABRIC. FILTER FABRIC SHALL BE SECURED TO THE OUTSIDE OF STRUCTURE PRIOR TO BACKFILL.
- IN GRASSY AREAS, DRAIN HOLES/SWEEP HOLES SHALL BE PLUGGED WITH HYDRAULIC CEMENT.

NOT TO SCALE

REV: RM5	DATE: JUL 2004	VILLAGE OF VILLA PARK
REV: VV	DATE: JAN 2003	STORM - 15
DRAWN BY: VV		INLET TYPE "A"

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 Rosemont, Illinois 60018
 (847) 823-0500

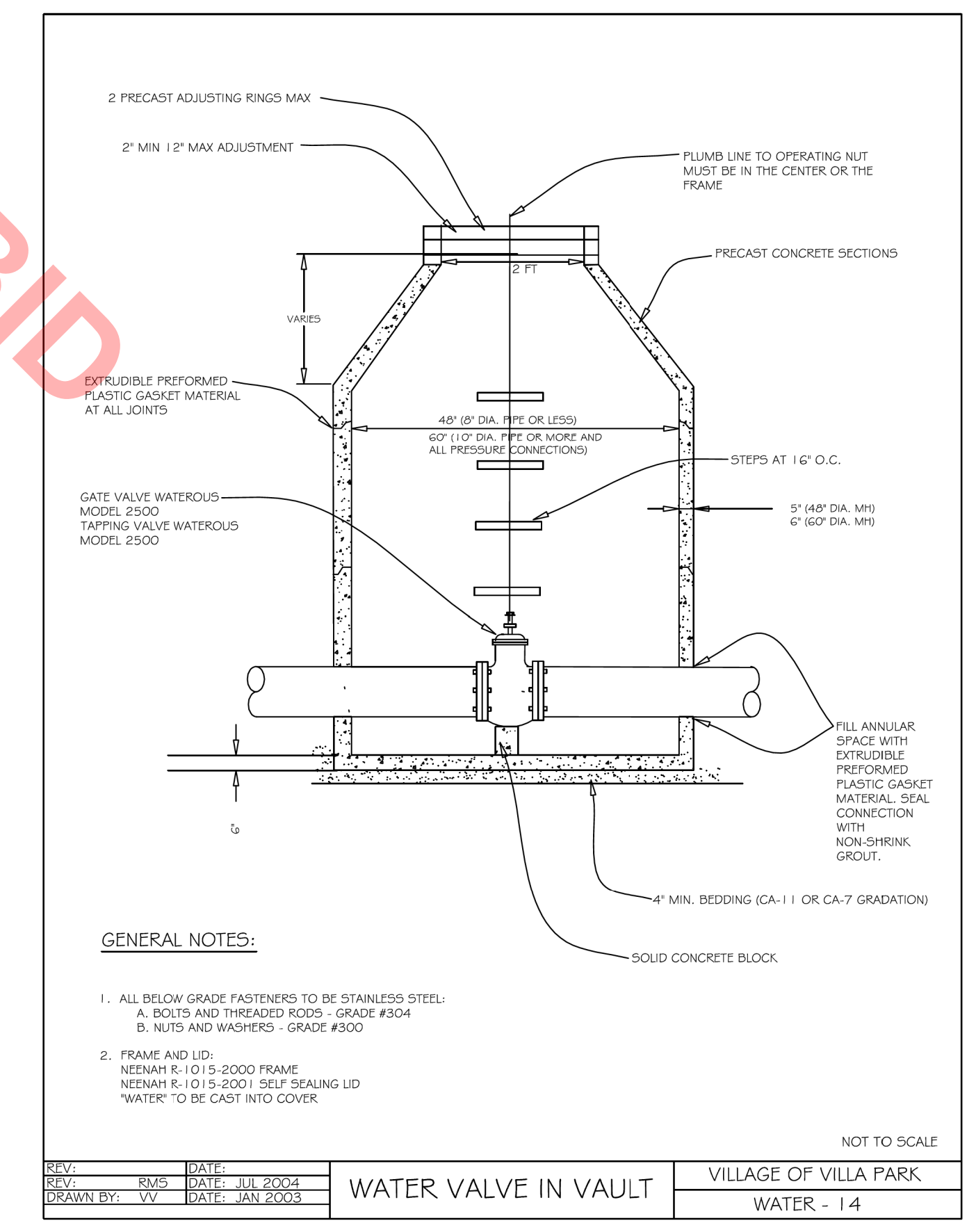
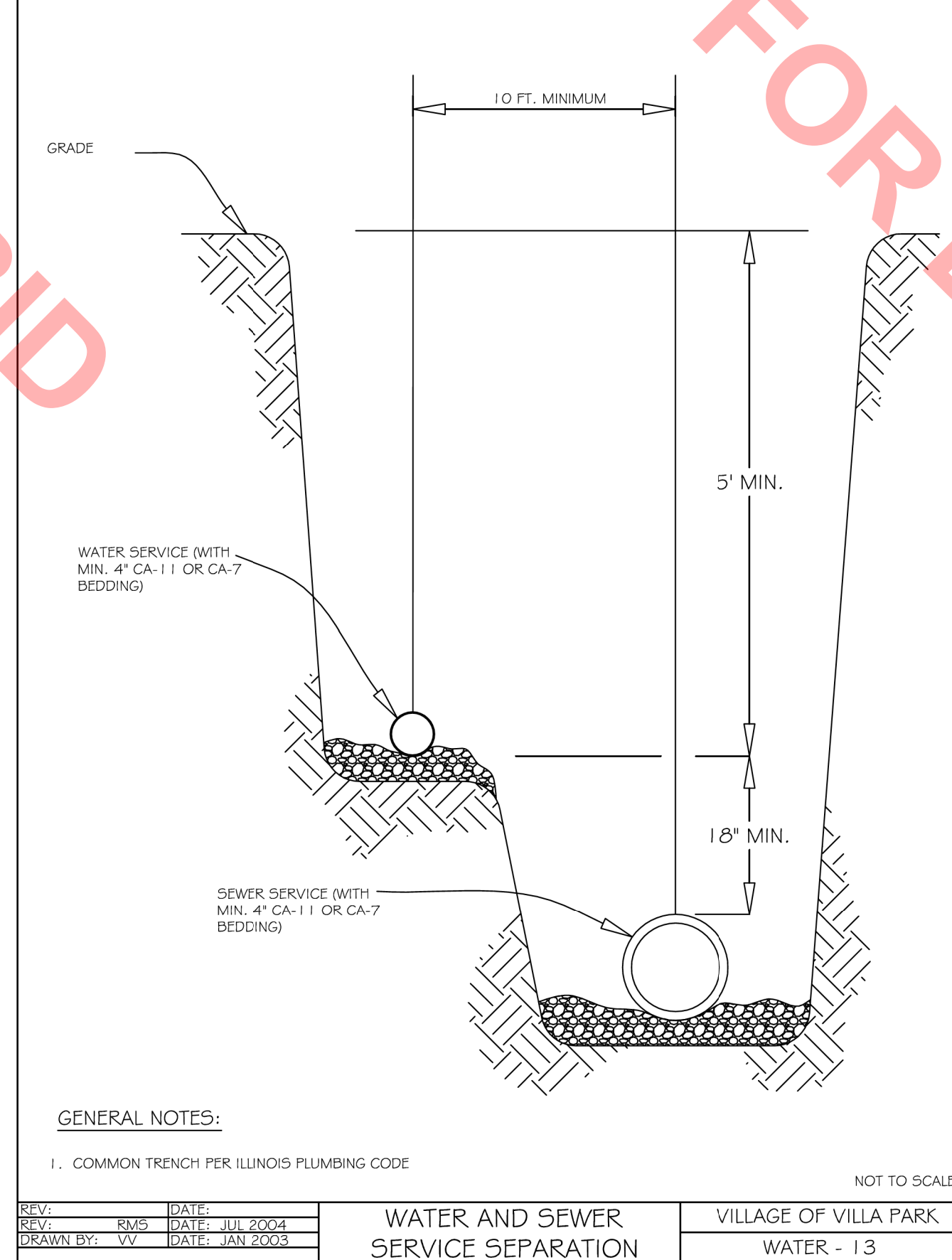
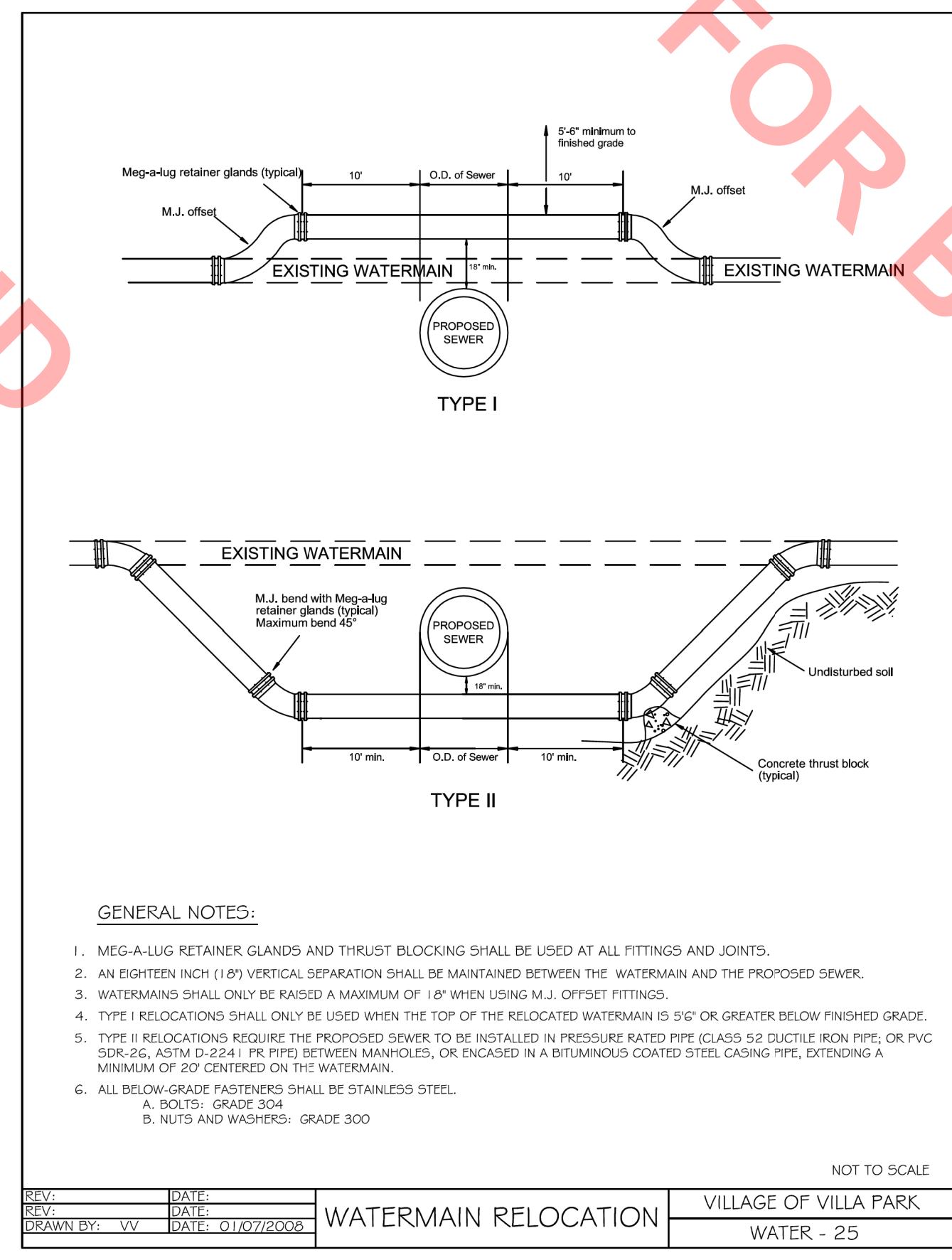
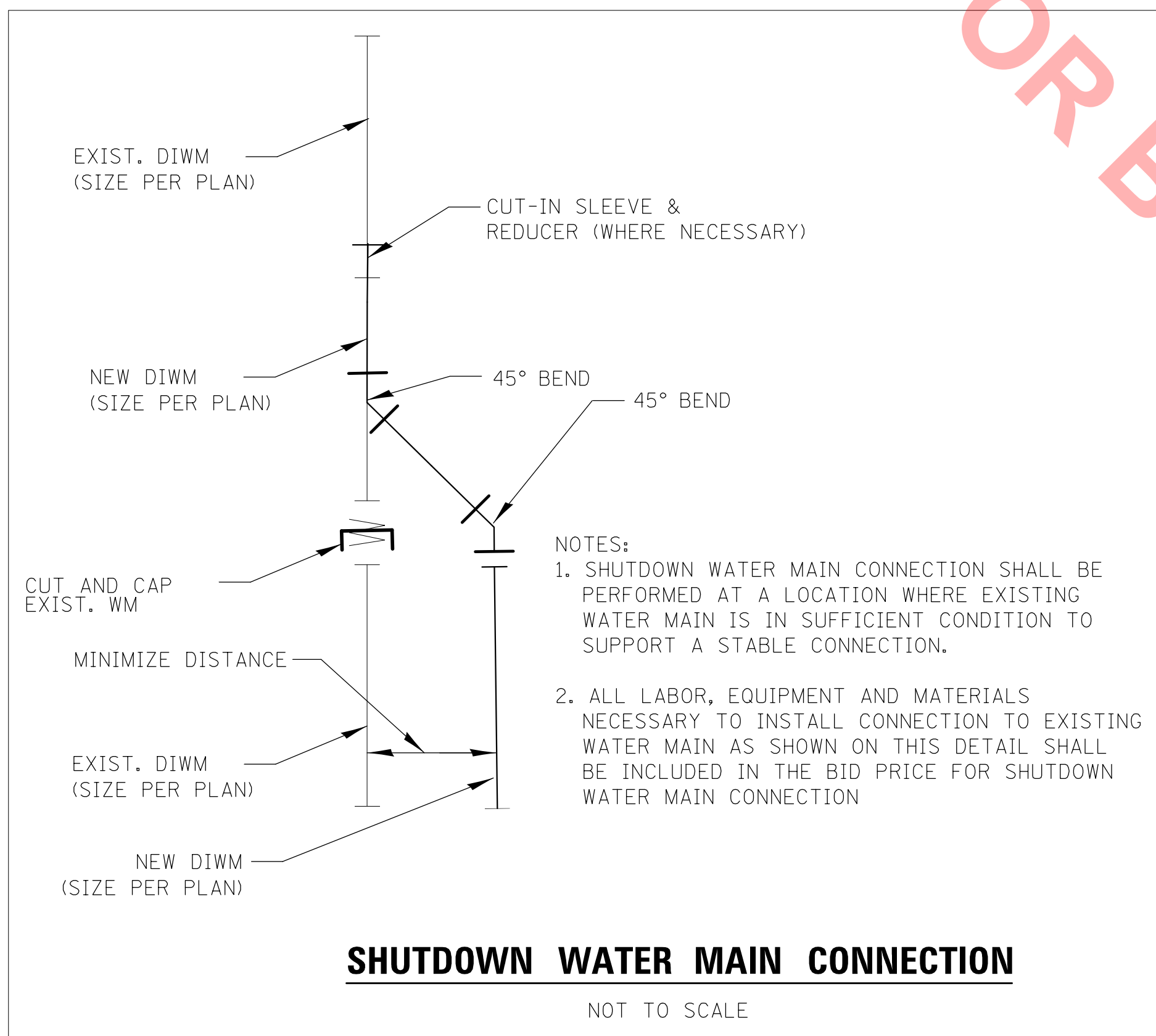
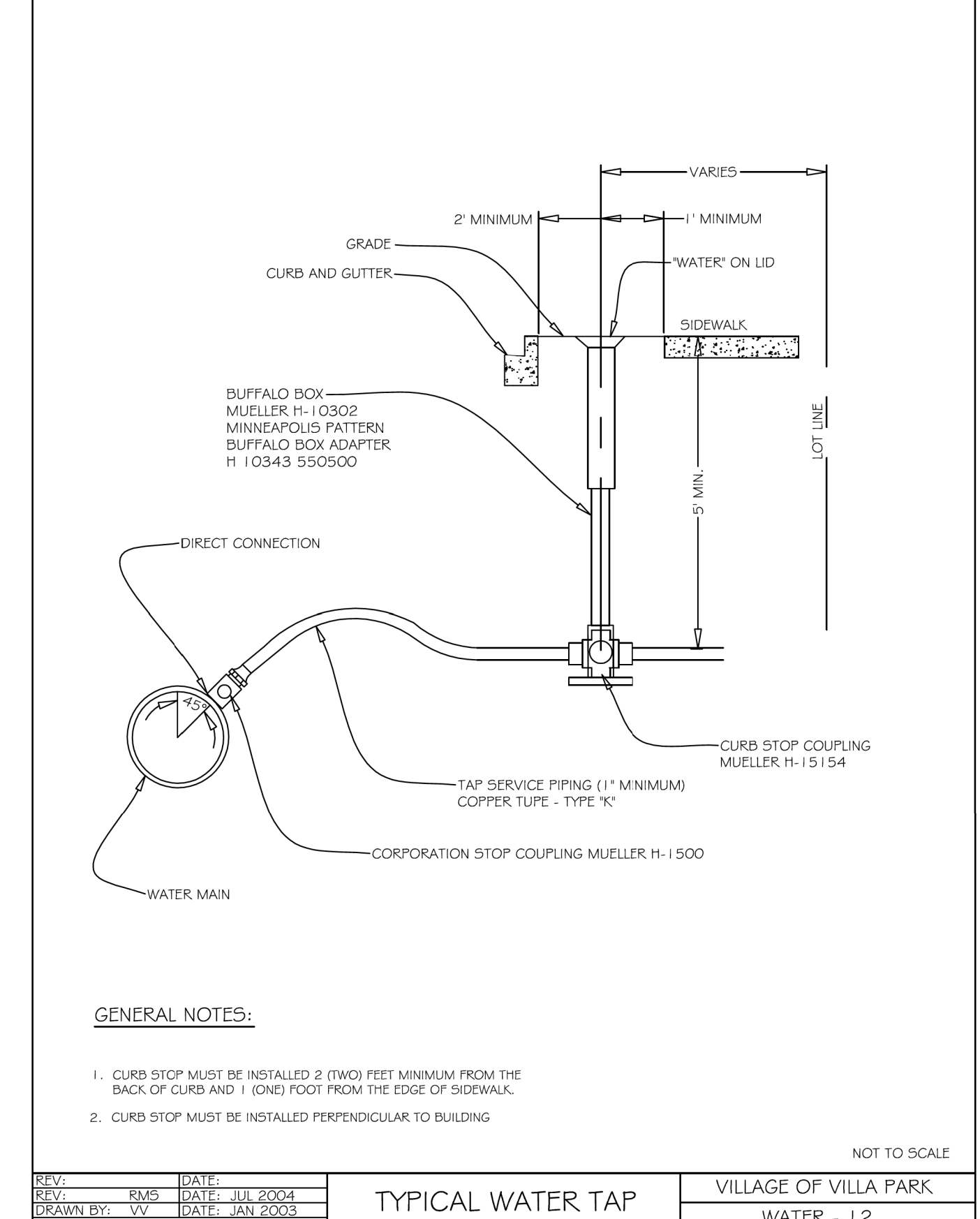
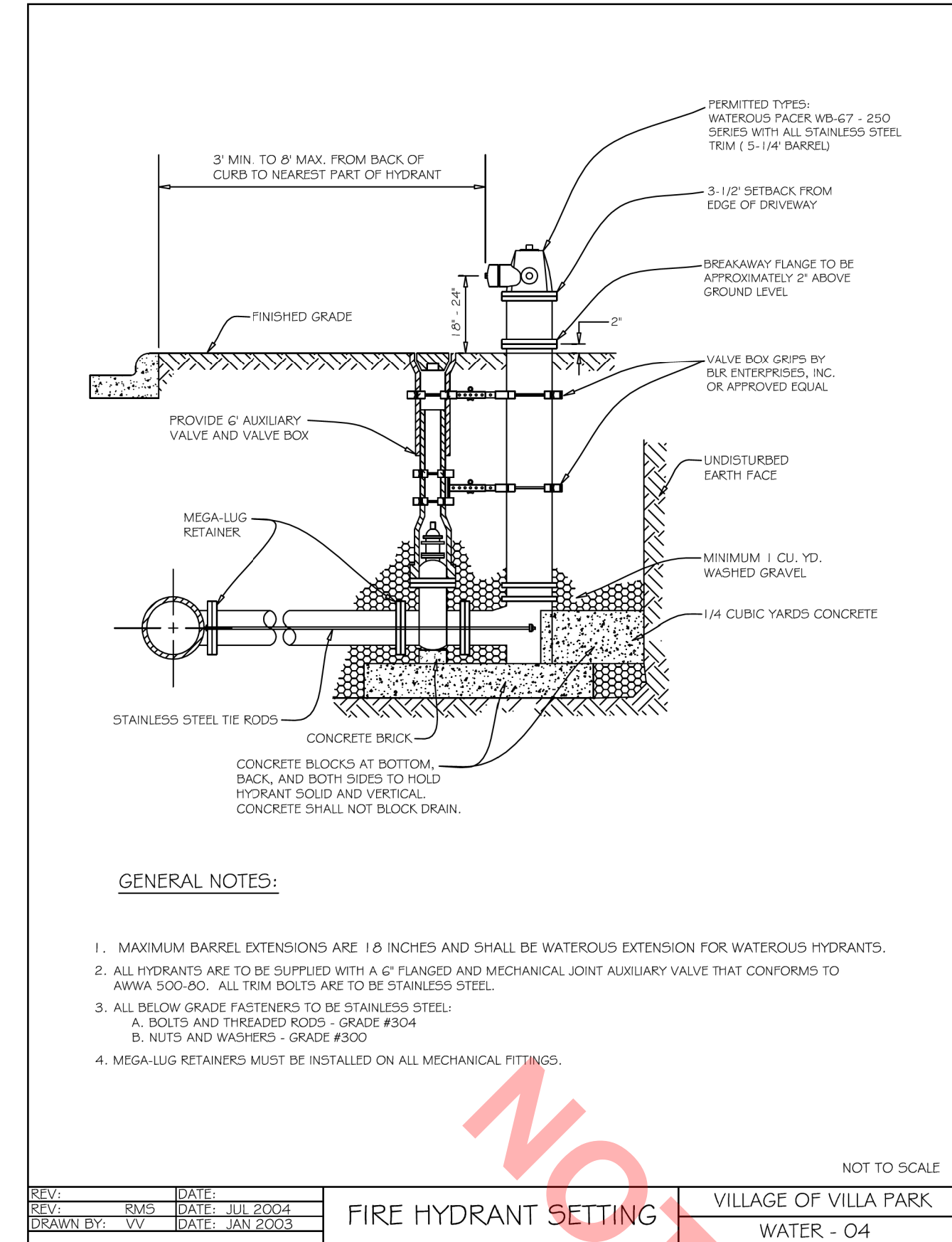
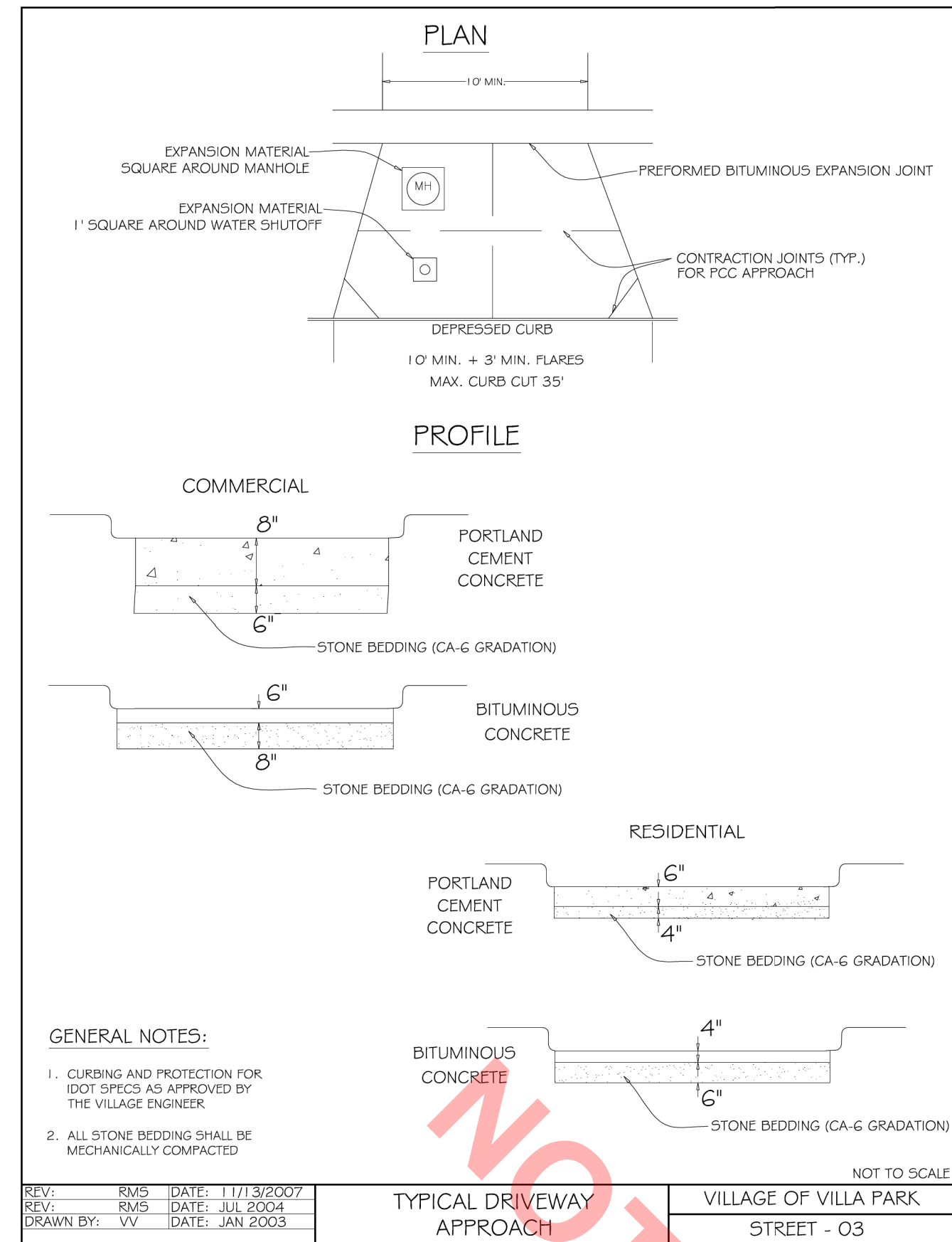
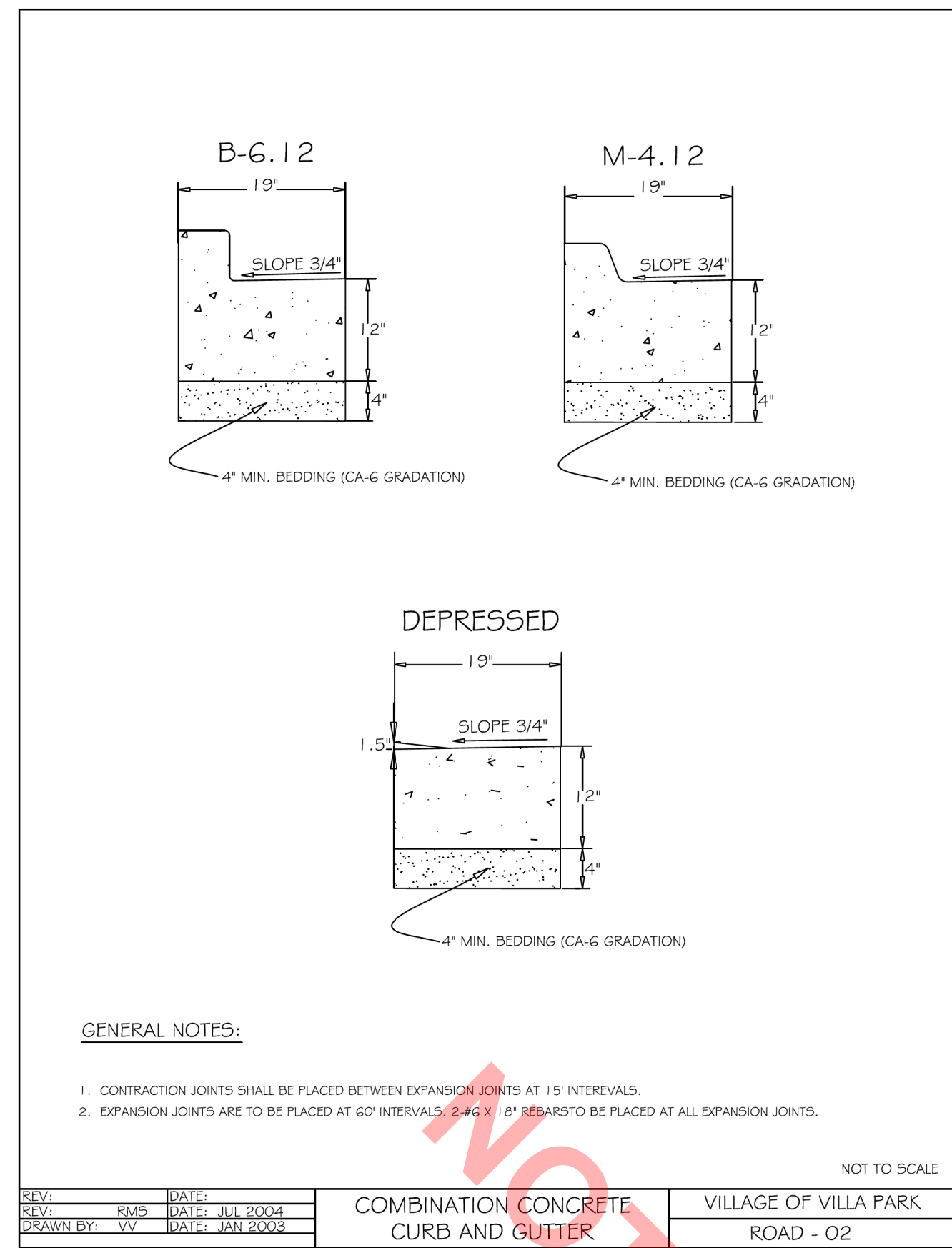
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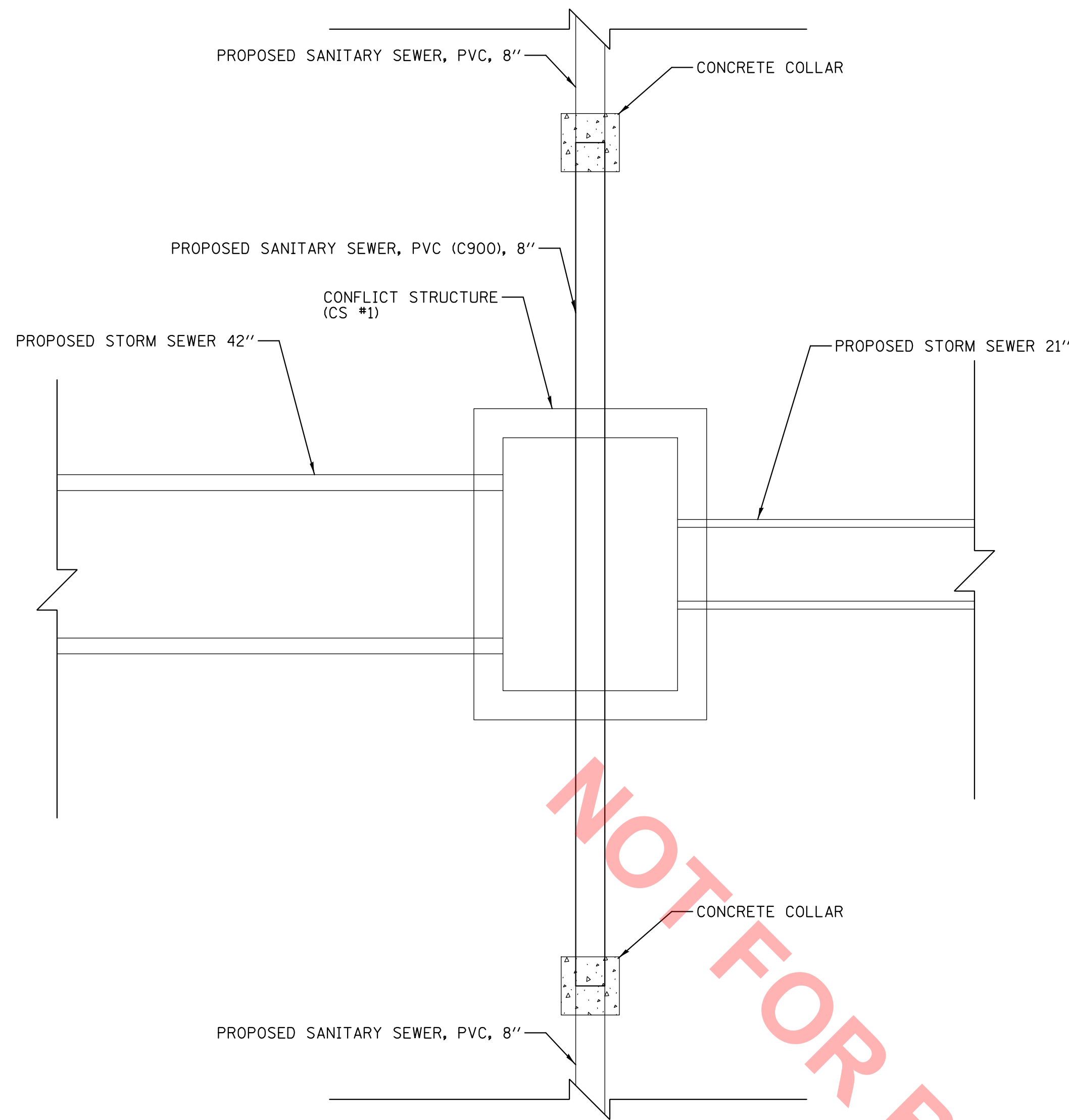
VILLAGE OF VILLA PARK
 20 S. ARDMORE AVENUE
 VILLA PARK, IL 60181-2696

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:
				Default

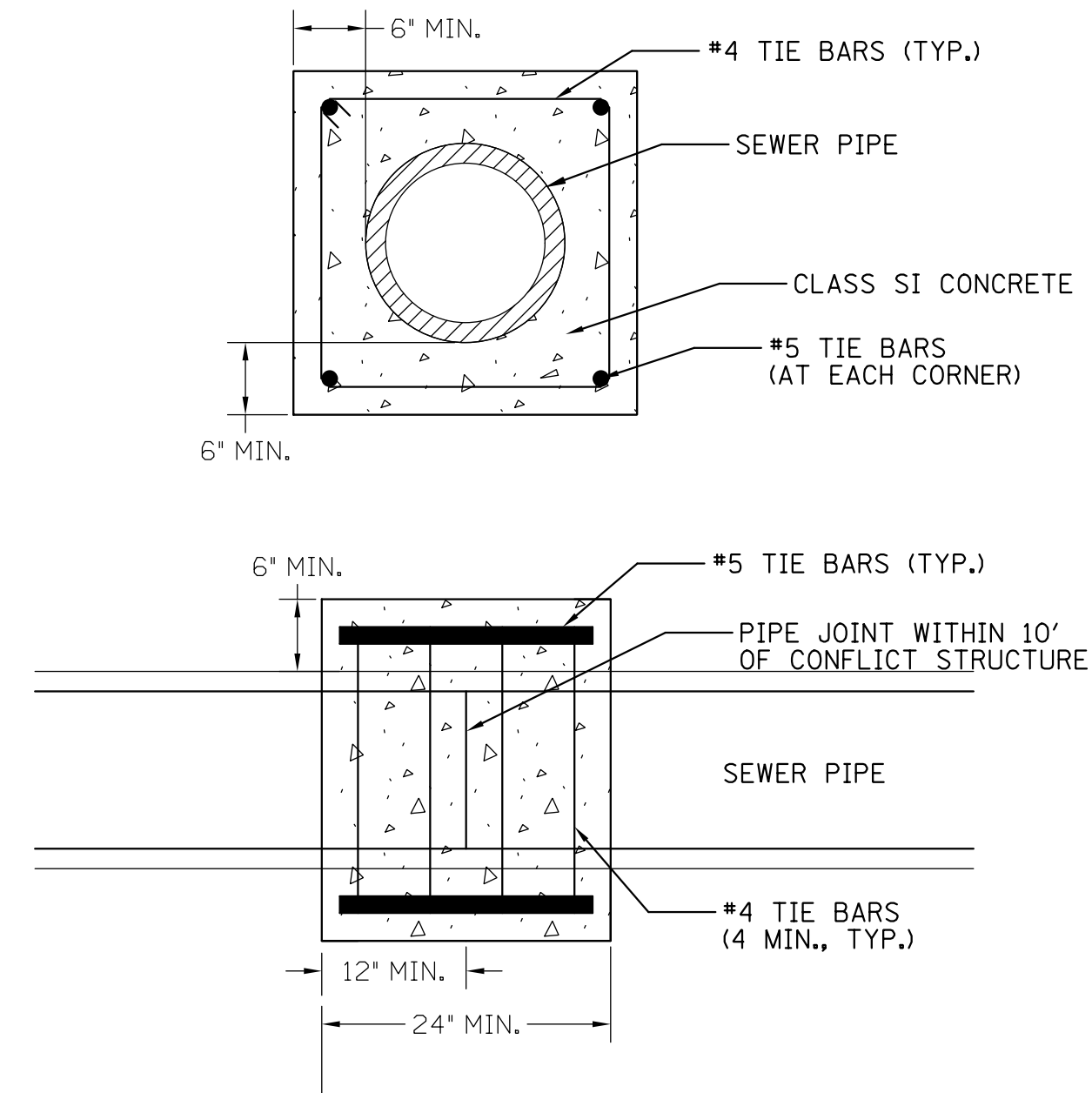
TITLE:
WASHINGTON STREET SEWER SEPARATION - PHASE 1 CONSTRUCTION DETAILS

PROJ. NO. 140092.00008
 DATE: 4/14/2022
 SHEET 27 OF 50
 DRAWING NO.
DET-2





CONFLICT STRUCTURE (CS #1) PLAN
N.T.S.

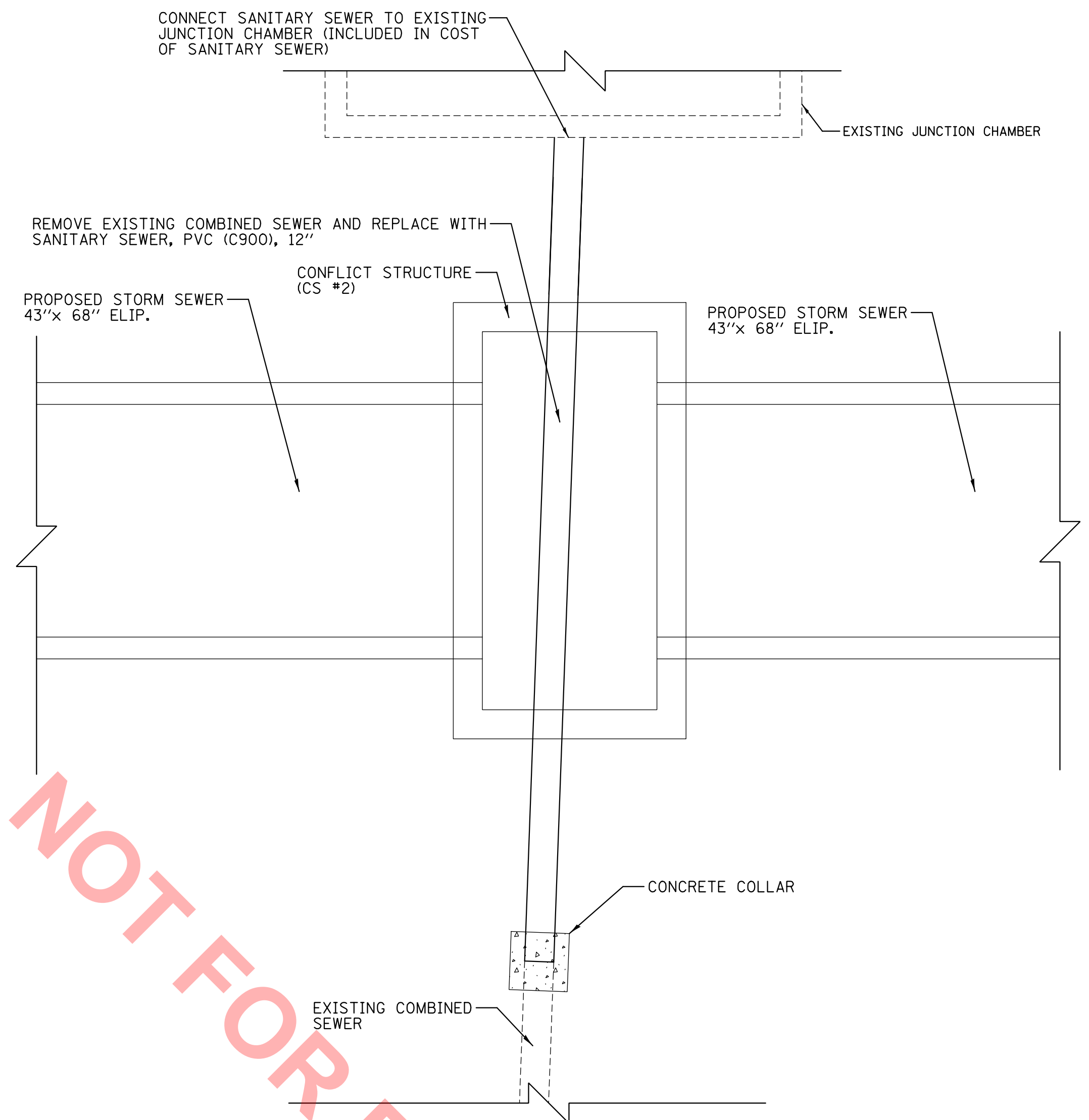


NOTE:
ALL REINFORCEMENT SHALL BE INCLUDED
IN COST OF CONCRETE COLLAR.

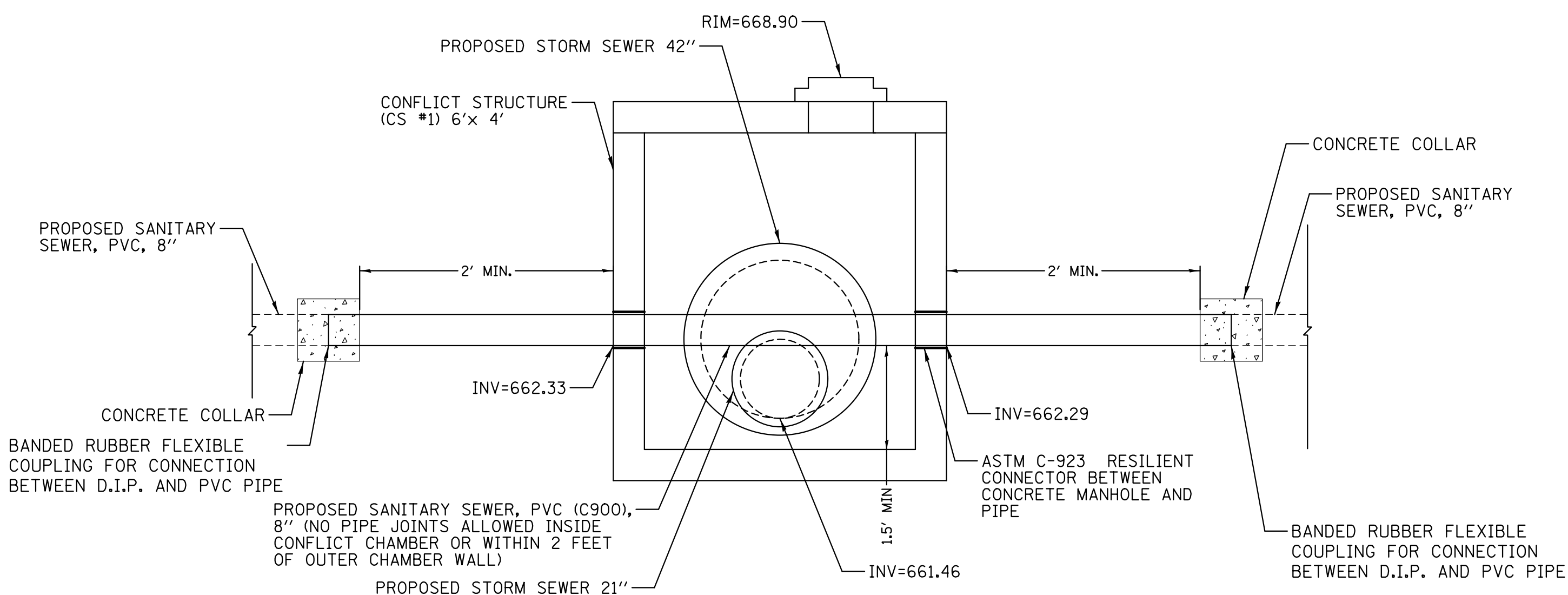
CONCRETE COLLAR
N.T.S.

CONFLICT STRUCTURE NOTES:

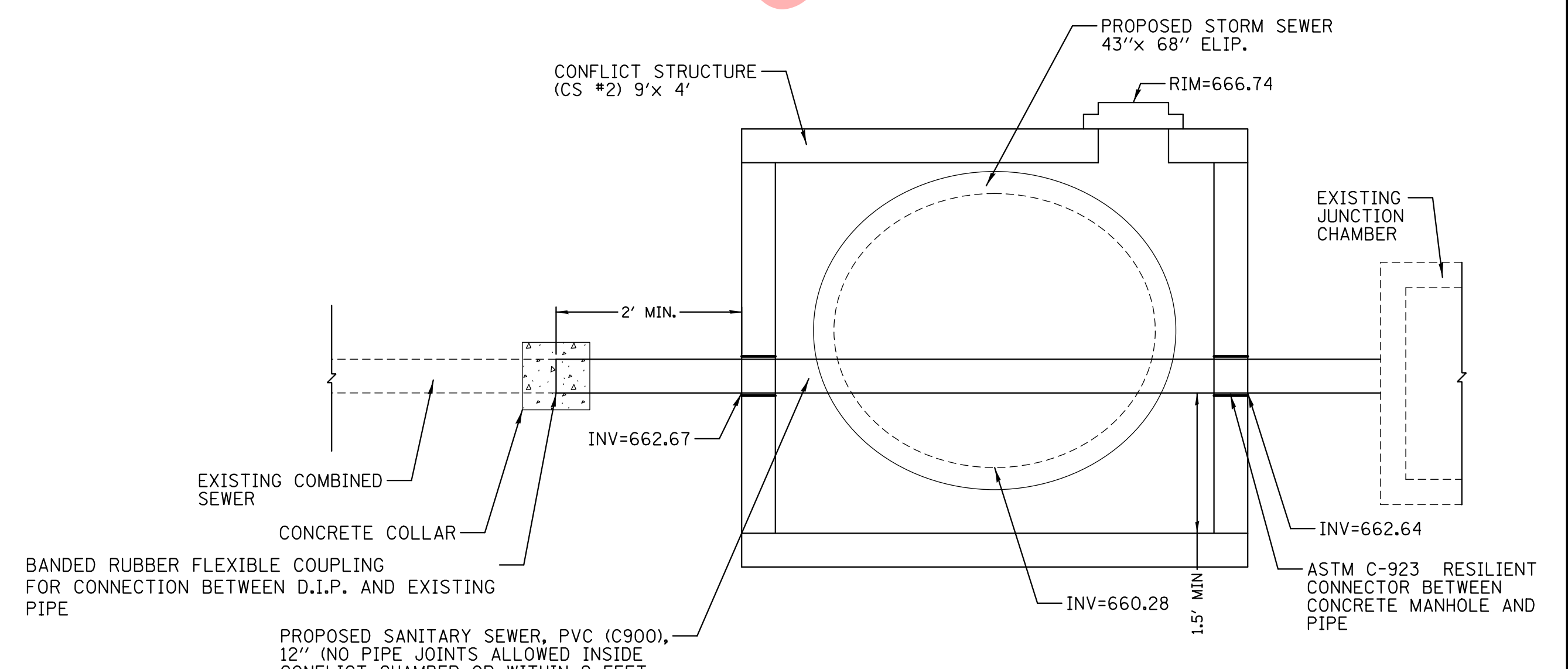
1. REFER TO UTILITY PLAN AND PROFILE SHEETS FOR ADDITIONAL INFORMATION INCLUDING PIPE SIZES AND INVERTS.
2. ALL JOINTS IN THE PVC (C900) SANITARY SEWER SHALL BE KEPT AS FAR AS POSSIBLE FROM THE OUTSIDE EDGE OF THE CONFLICT STRUCTURE. ENCASE EACH JOINT WITH A CONCRETE COLLAR (SEE DETAIL) WHENEVER THE JOINT IS LOCATED WITHIN 10' OF A CONFLICT STRUCTURE.



CONFLICT STRUCTURE (CS #2) PLAN
N.T.S.




CONFLICT STRUCTURE (CS #1) PROFILE
N.T.S.



CONFLICT STRUCTURE (CS #2) PROFILE
N.T.S.

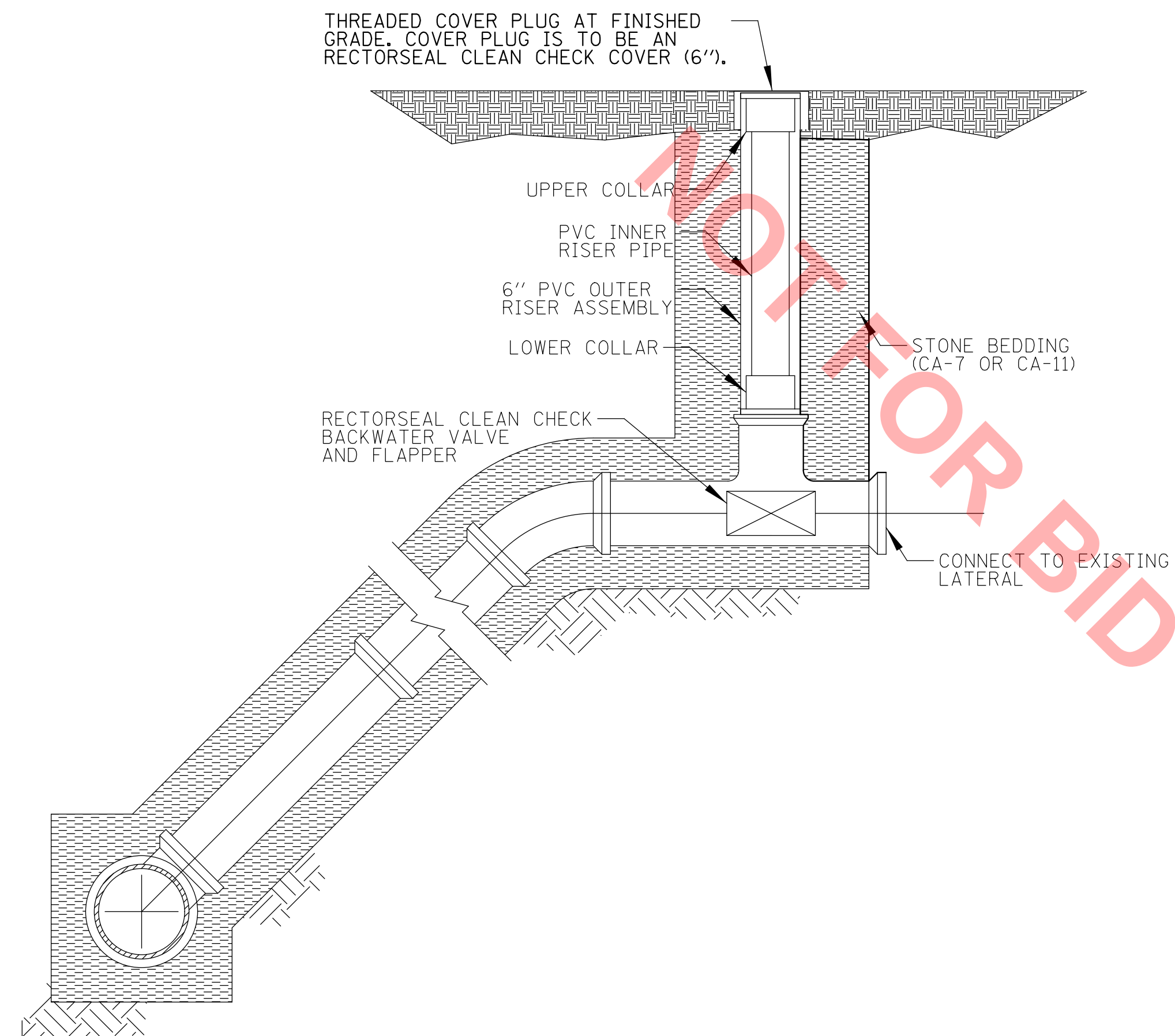
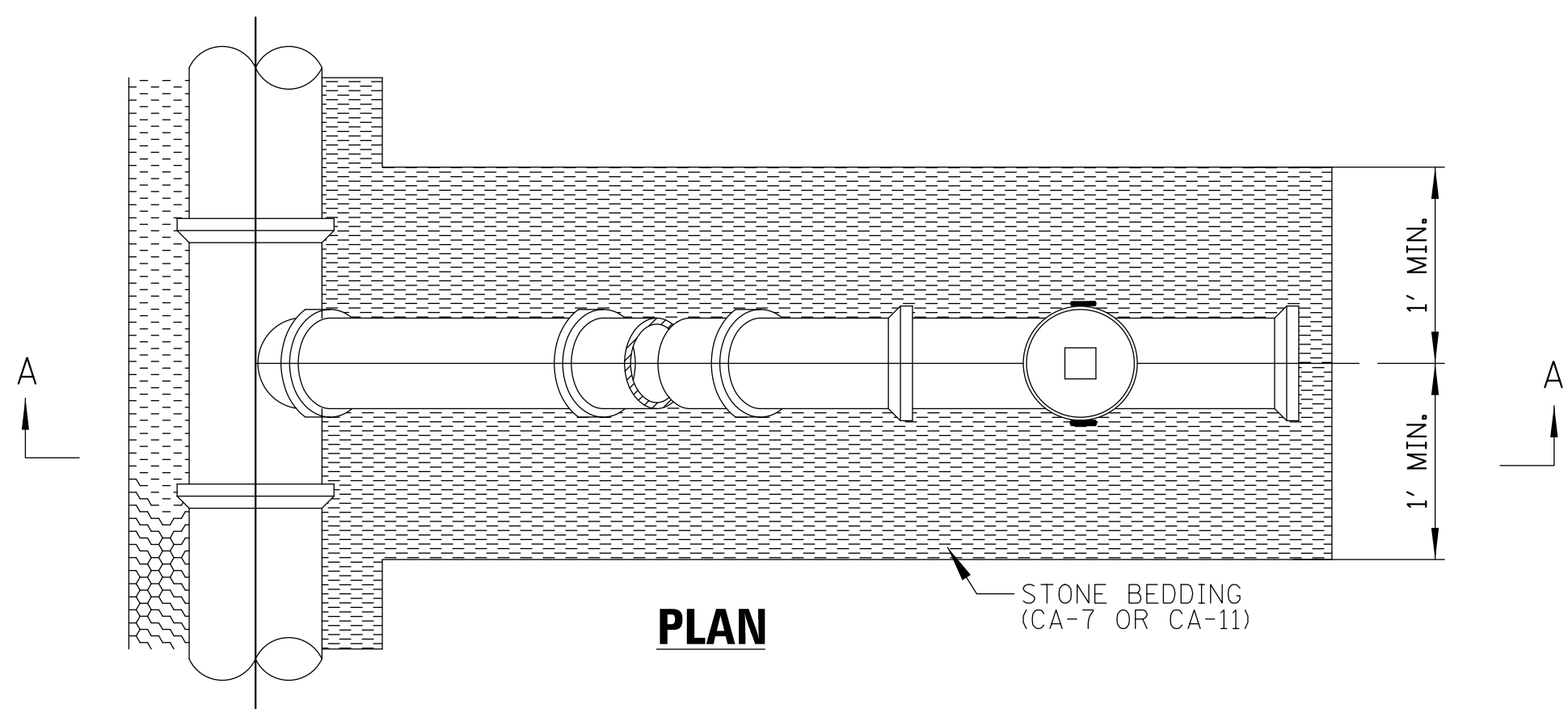
CHRISTOPHER B. BURKE ENGINEERING, LTD.
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Rosemont, Illinois 60018
(847) 823-0500

CLIENT:
 **VILLAGE OF VILLA PARK**
20 S. ARDMORE AVENUE
VILLA PARK, IL 60181-2696

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:
				Default
FILE NAME	N:\VILLAPARK\140092.00008\Civil\DET_140092.00008_04.dgn			

TITLE: **WASHINGTON STREET SEWER SEPARATION - PHASE 1 CONSTRUCTION DETAILS**

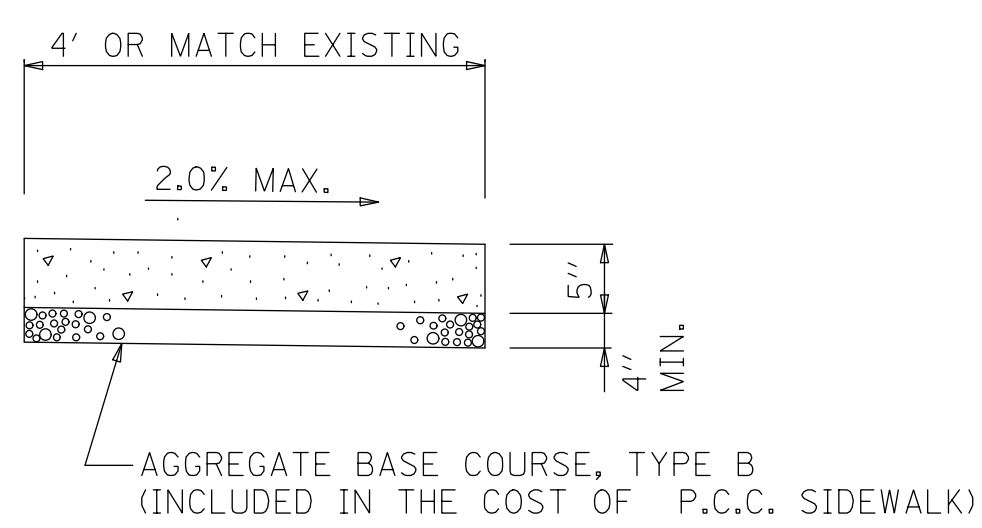
PROJ. NO. 140092.00008
DATE: 4/14/2022
SHEET 29 OF 50
DRAWING NO. **DET-4**



SECTION A-A

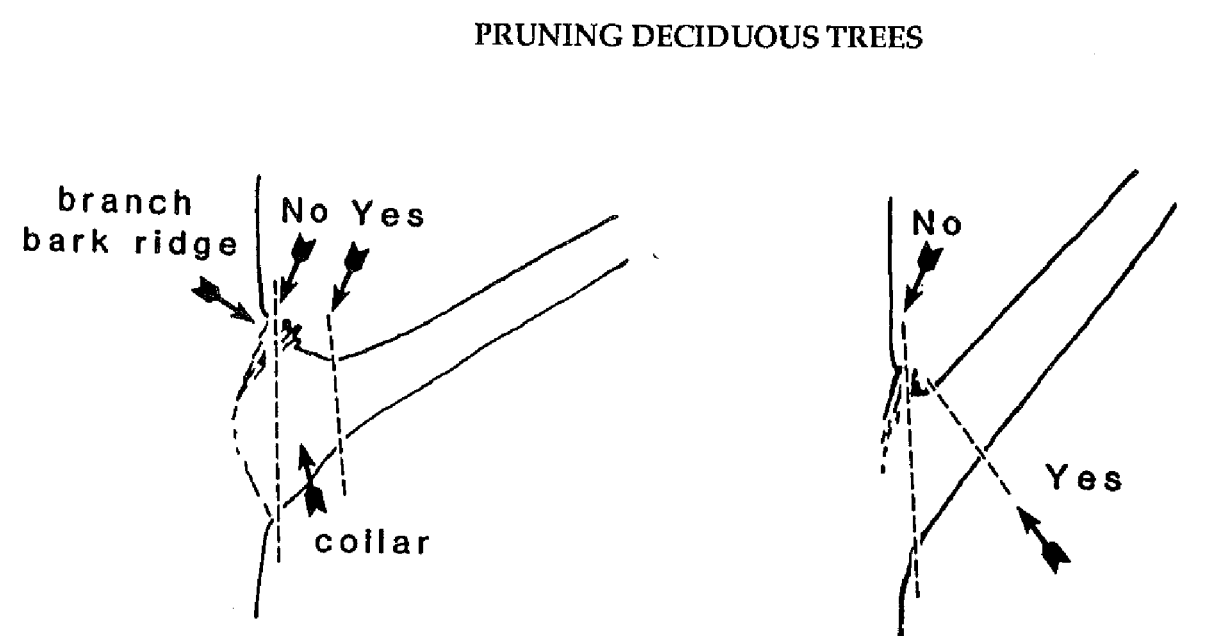
- GENERAL NOTES:**
- CLEANOUT-CHECK VALVE SHALL BE RECTORSEAL CLEAN CHECK BACKWATER VALVE, OR APPROVED EQUAL. ALL MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

COMBINATION CLEANOUT-CHECK VALVE



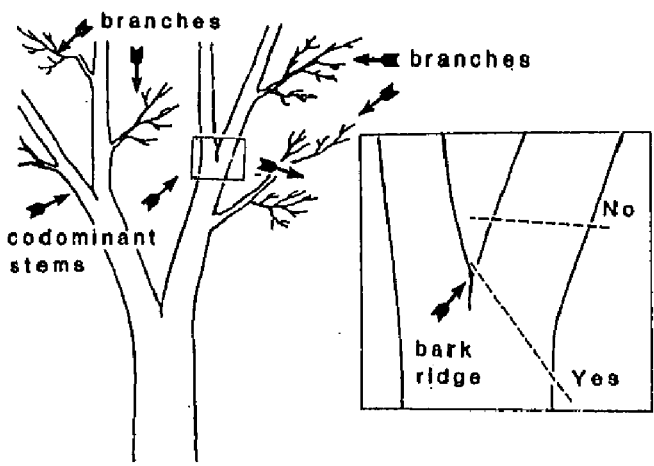
- NOTES:**
- ALL REQUIRED EARTH EXCAVATION TO CONSTRUCT P.C.C. SIDEWALK SHALL BE INCLUDED IN THE COST OF P.C.C. SIDEWALK 5 INCH.
 - THICKNESS SHALL BE INCREASED TO 6" WHERE SIDEWALK IS ADJACENT TO A DRIVEWAY (INCLUDED IN THE COST OF P.C.C. SIDEWALK 5 INCH).

**P.C.C. SIDEWALK 5 INCH
DETAIL**

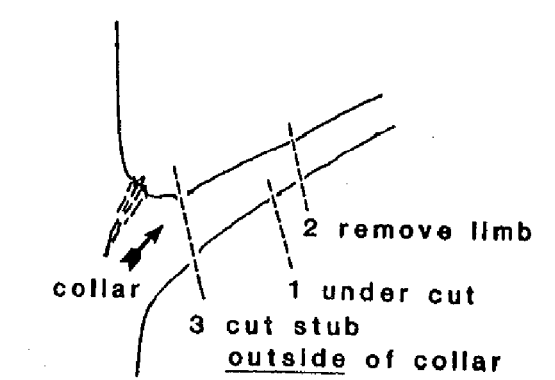


When removing a branch, always cut outside the branch bark ridge and collar. Do not make a flush cut.

Branches that do not have a distinct collar should be cut at a right angle to the branch outside the branch bark ridge.

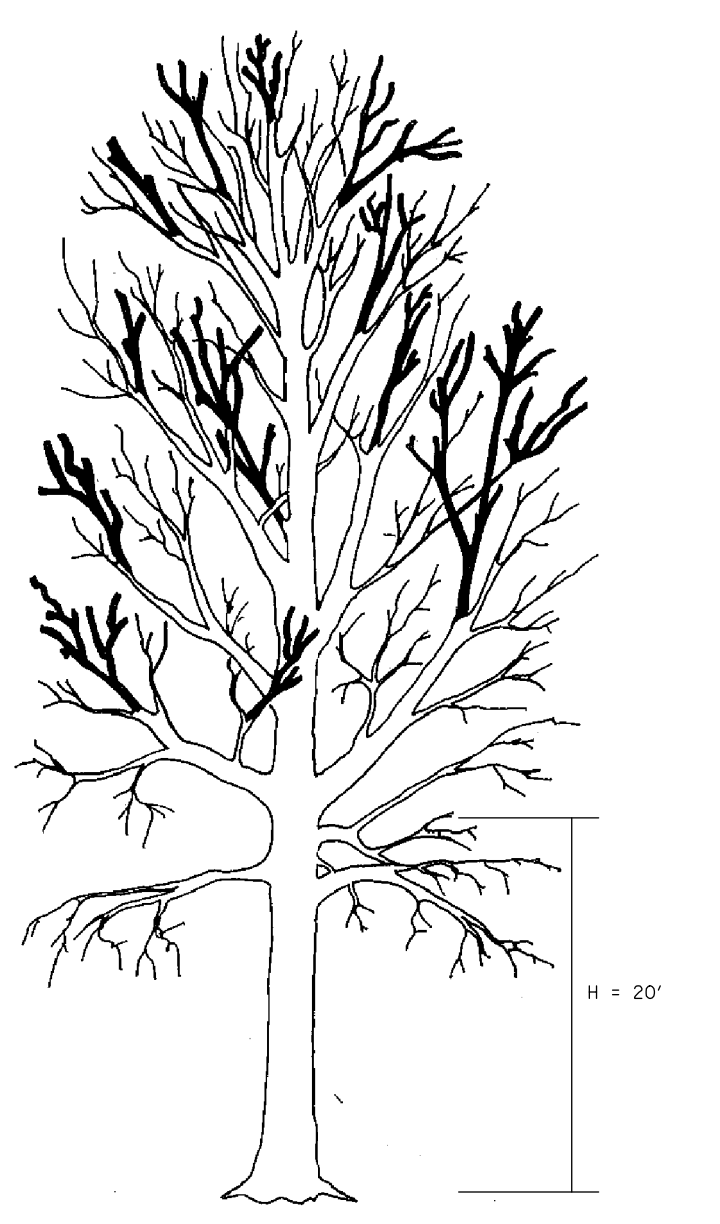


Trees may have codominant stems, as shown on the left. If a codominant stem must be removed, cut at an angle outside of the bark ridge as shown in the insert at right. Avoid leaving any stub.



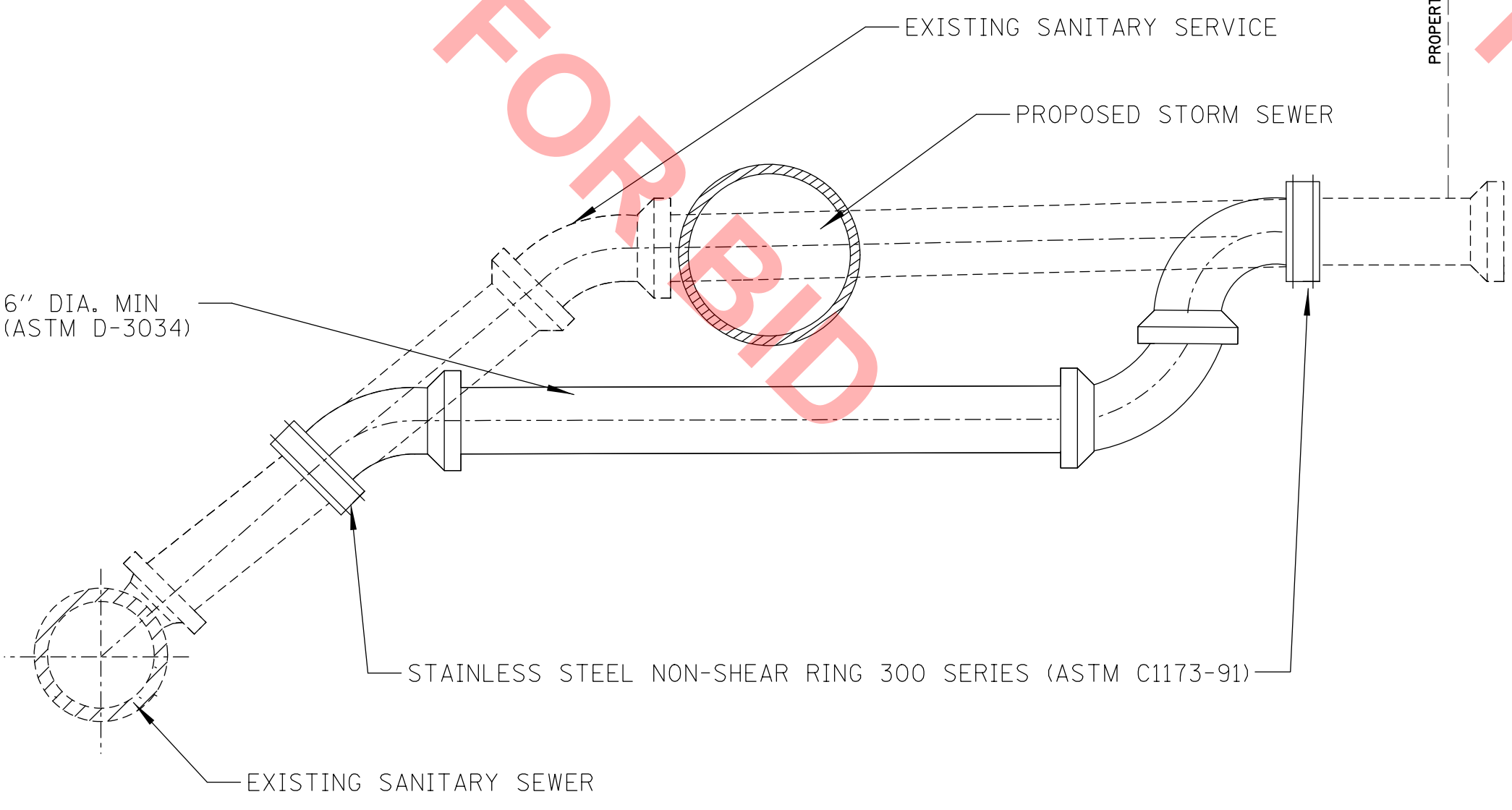
When removing heavy limbs, first make an undercut several inches outside of the collar. Then remove limb by a second cut an inch or so outside of the first cut. Remove stub with a third cut just outside of the collar. (Feucht, 1985)

DROP CROTCH PRUNING



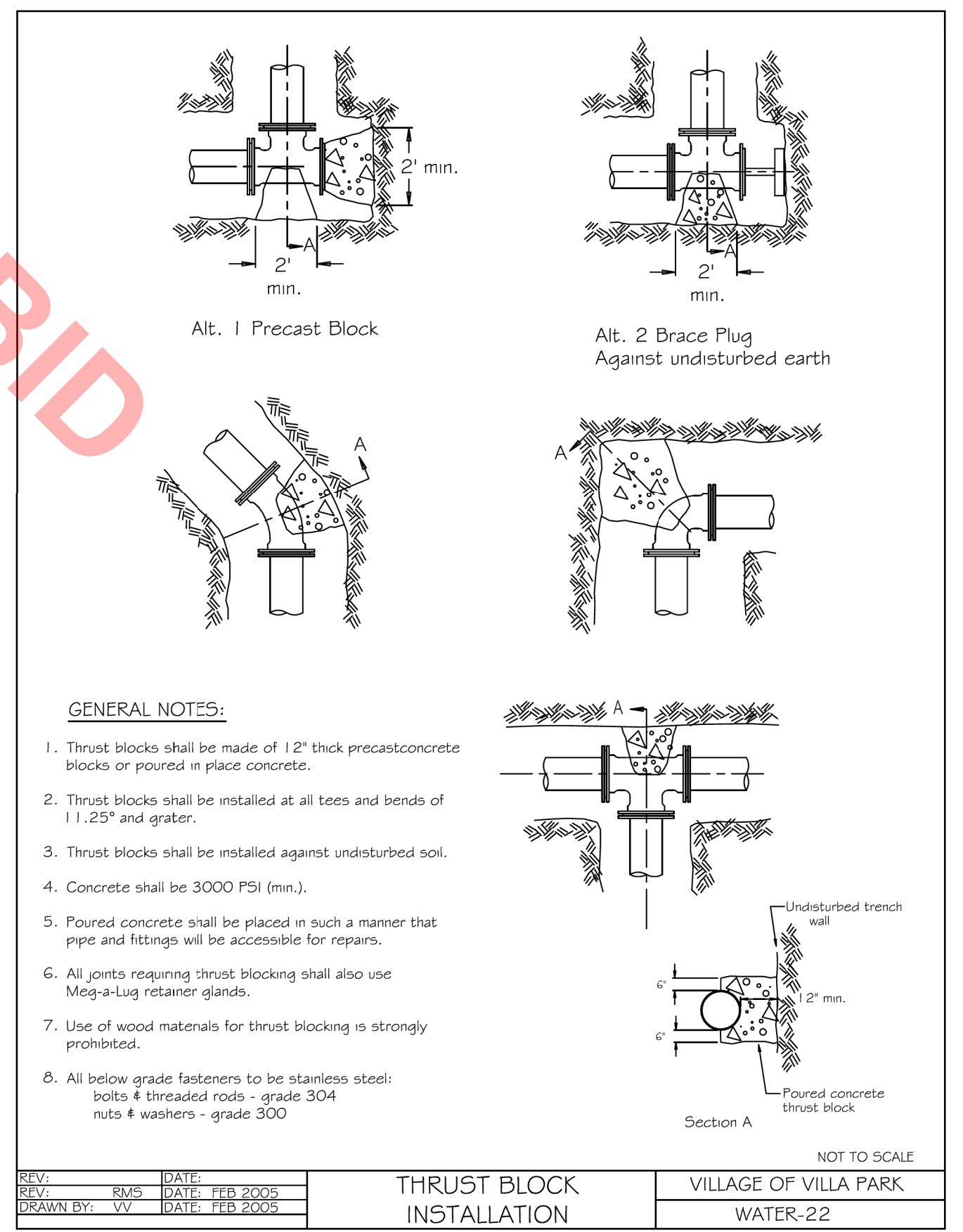
Proper drop-crotching of a tree showing where the cuts are to be made. In each case a leader is allowed to remain. This prevents or reduces latent bud growth, thus reduces unwanted suckers. After drop-crotching note that the tree is thinned and somewhat cut back but without the pruned or sheared look.

TREE PRUNING



- NOTE:**
- THE CONTRACTOR WILL BE PAID FOR ADJUSTING SANITARY SEWER, 8-INCH OR LESS ONLY WHEN THE PROPOSED STORM SEWER IS IN DIRECT CONFLICT WITH THE EXISTING WATER SERVICE LINE.
 - FOR TRENCH BACKFILL PAYMENT WILL BE IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
 - AT THE DIRECTION OF THE ENGINEER, AWWA C900 PVC PIPE SHALL BE USED WHEN THE SERVICE IS CONSTRUCTED UNDER THE PROPOSED UTILITY.

ADJUSTING SANITARY SEWER, 8-INCH OR LESS



- GENERAL NOTES:**
- Thrust blocks shall be made of 12" thick precast concrete blocks or poured in place concrete.
 - Thrust blocks shall be installed at all tees and bends of 1.25' and grater.
 - Thrust blocks shall be installed against undisturbed soil.
 - Concrete shall be 3000 PSI (min.).
 - Poured concrete shall be placed in such a manner that pipe and fittings will be accessible for repairs.
 - All joints requiring thrust blocking shall also use Meg-a-Lug retainer glands.
 - Use of wood materials for thrust blocking is strongly prohibited.
 - All below grade fasteners to be stainless steel: bolts 4 threaded rods - grade 304 nuts 4 washers - grade 300

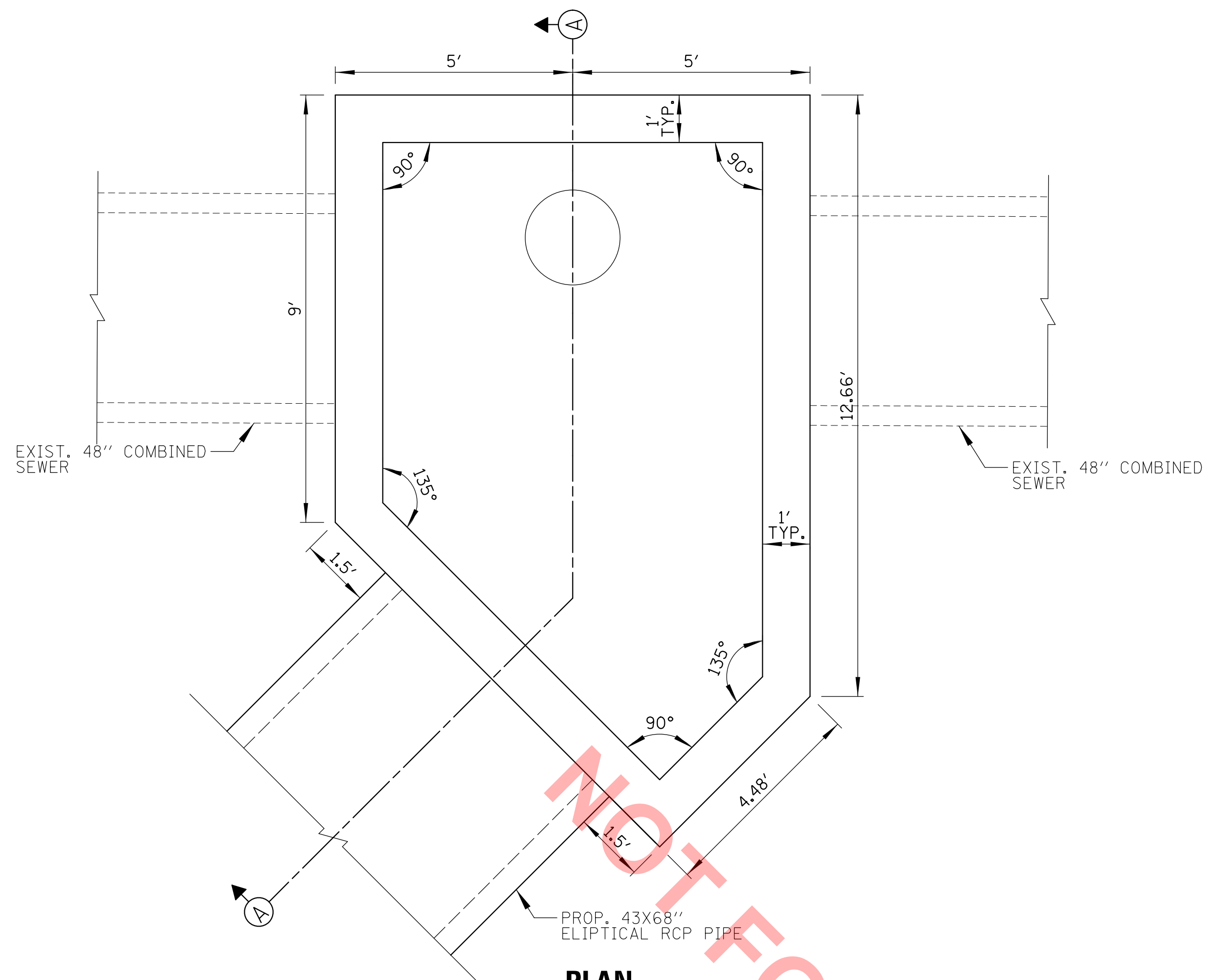
REV:	DATE:	THRUST BLOCK INSTALLATION	VILLAGE OF VILLA PARK
REV: RMS	DATE: FEB 2005		
DRAWN BY: VV	DATE: FEB 2005		WATER-22

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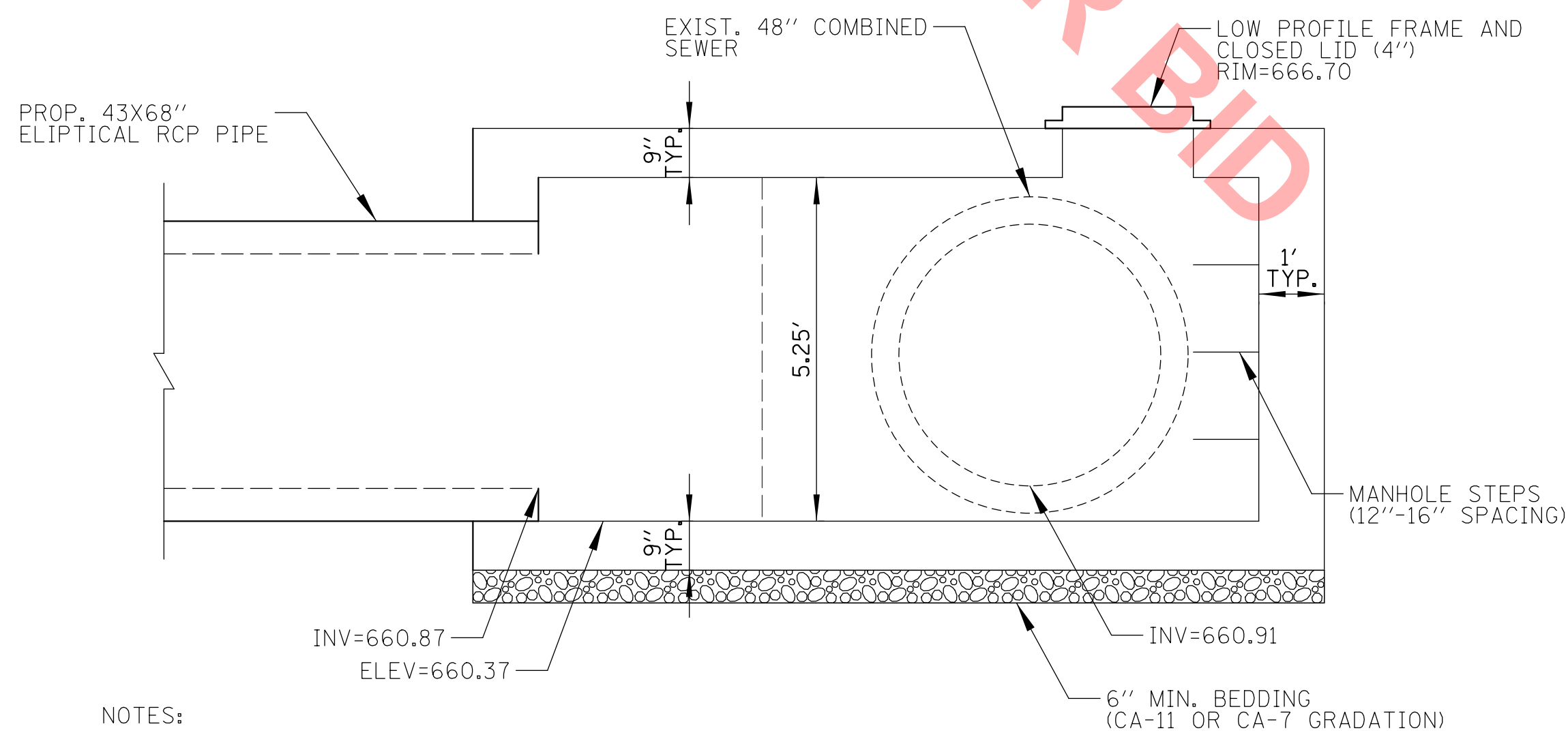
CLIENT:

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

DSGN.	AJS	TITLE:
DWN.	AJS	WASHINGTON STREET SEWER SEPARATION - PHASE 1 CONSTRUCTION DETAILS
CHKD.	BMW	
SCALE:	1'	PROJ. NO. 140092.00008
PLOT DATE:	4/14/2022	DATE: 4/14/2022
CAD USER:	aschaefer	SHEET 30 OF 50
MODEL:	Default	DRAWING NO.
NO. DATE	NATURE OF REVISION	DET-5
FILE NAME	N:\VILLAPARK\140092.00008\CIVIL\DET_140092.00008_05.dgn	



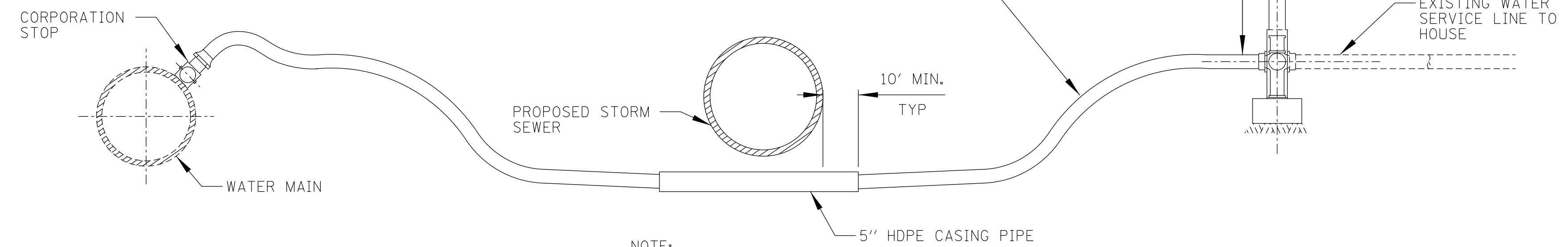
PLAN



SECTION A-A

JUNCTION CHAMBER (STR #33) DETAIL N.T.S.

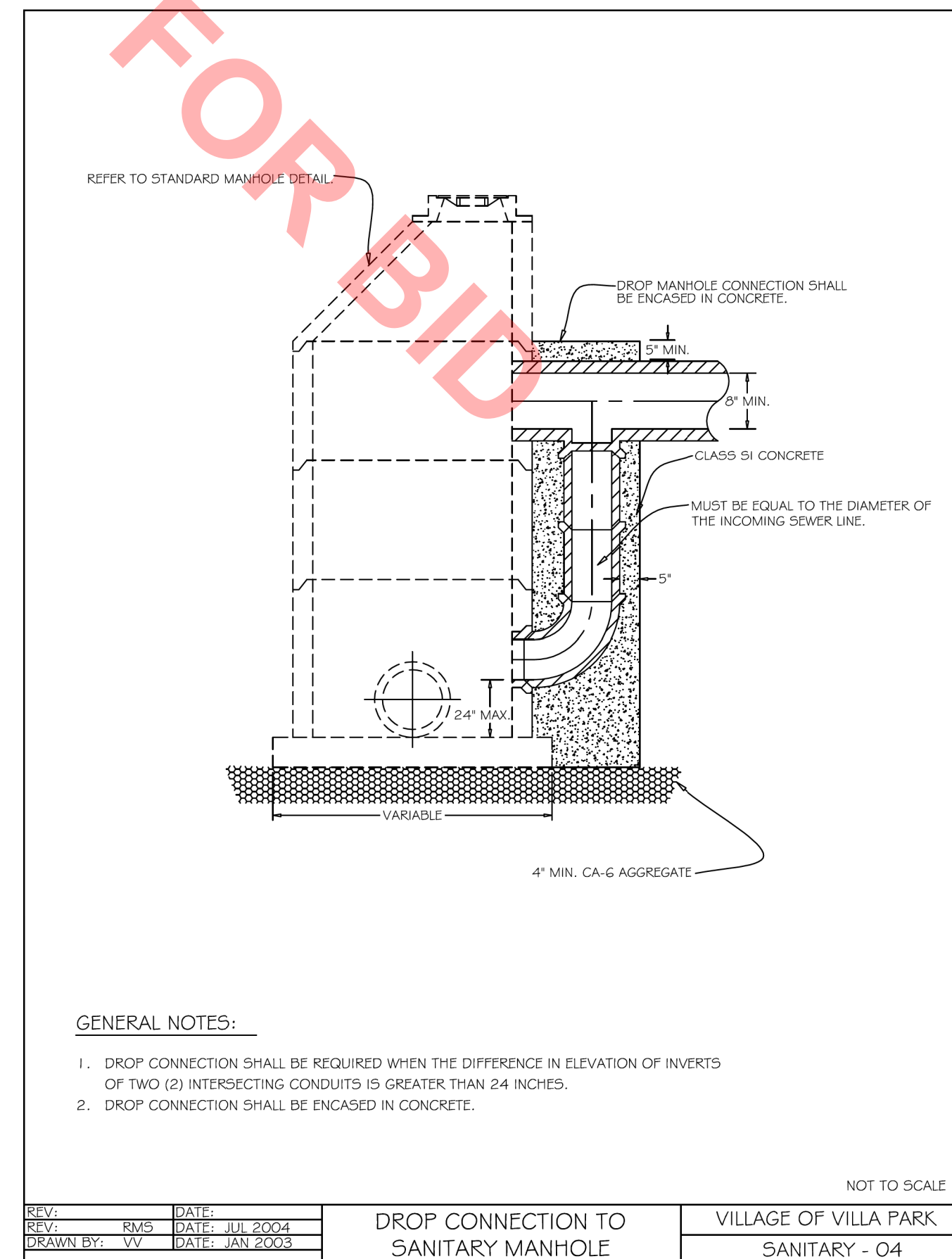
- NOTES:
1. PROPOSED FRAME AND CLOSED LID SHALL BE ADJUSTED TO THE ELEVATION OF THE FINAL GRADED SURFACE. THIS SHALL BE INCLUDE IN THE COST OF THE JUNCTION CHAMBER.
 2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.



NOTE:

1. THE CONTRACTOR WILL BE PAID FOR HDPE CASING PIPE ONLY WHEN THE WATER SERVICE IS LOCATED BENEATH THE PROPOSED 54" STORM SEWER, OR AS DIRECTED BY THE ENGINEER.
2. SEAL THE ENDS OF THE HDPE SLEEVE WITH "CRAZY FOAM" OR EQUAL.
3. WATER SERVICE SHALL BE PAID FOR WAS WATER SERVICE CONNECTION (LONG), 1".

HDPE CASING PIPE FOR WATER SERVICE, 5"




GENERAL NOTES:

1. DROP CONNECTION SHALL BE REQUIRED WHEN THE DIFFERENCE IN ELEVATION OF INVERTS OF TWO (2) INTERSECTING CONDUITS IS GREATER THAN 24 INCHES.
2. DROP CONNECTION SHALL BE ENCASED IN CONCRETE.

NOT TO SCALE

REV:	DATE:	DSGN:	AJS
REV:	RMS DATE: JUL 2004	DWN:	AJS
DRAWN BY:	VV DATE: JAN 2003	CHKD:	BMW
		VILLAGE OF VILLA PARK	
		SANITARY - 04	

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CLIENT:

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

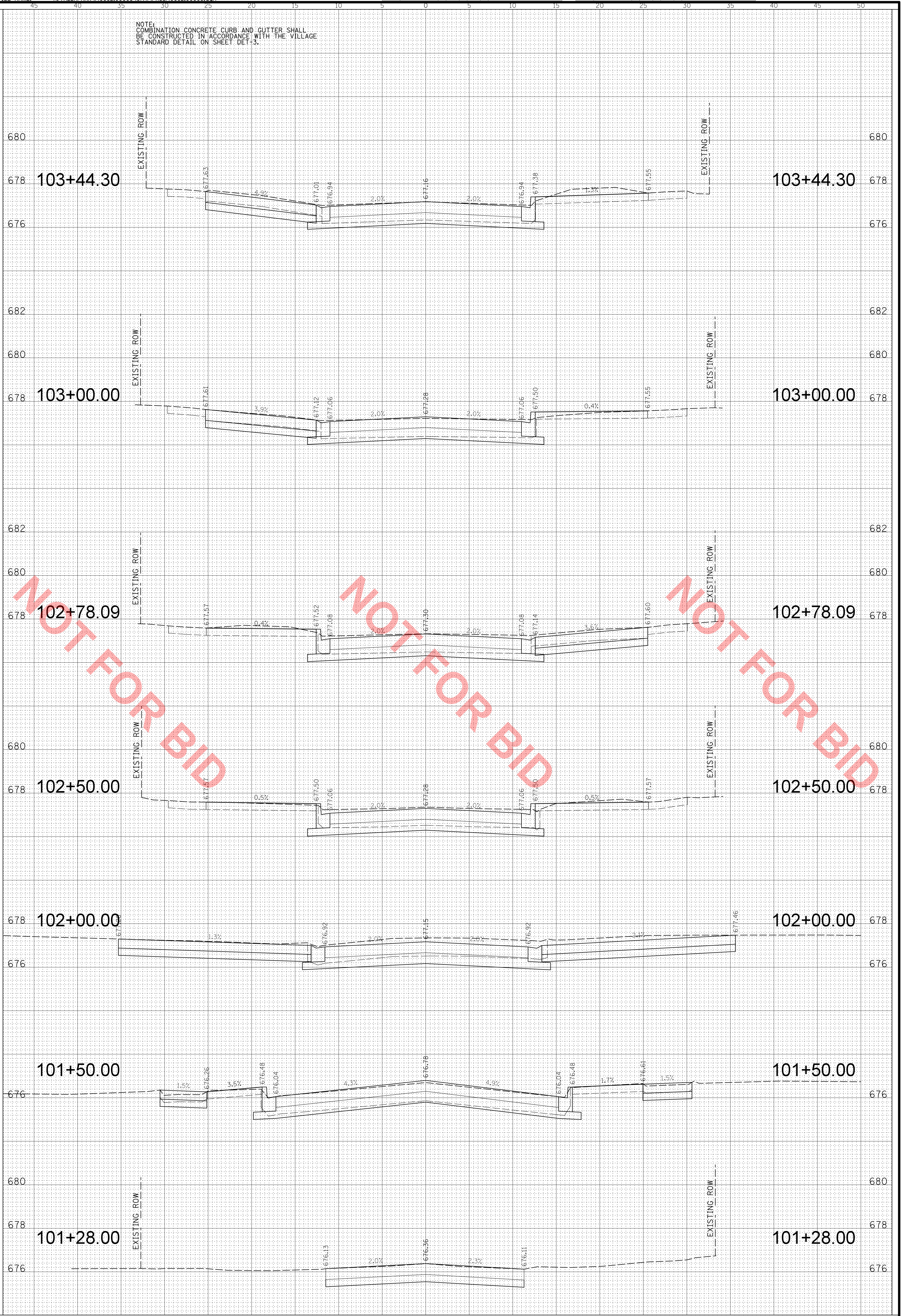
NO.	DATE	ADDENDUM #1	NO.	DATE	ADDENDUM #1
1	12/29/14	NATURE OF REVISION	1	4/14/2022	aschaefer
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TITLE:	PROJECT NO.
WASHINGTON STREET SEWER SEPARATION - PHASE 1 CONSTRUCTION DETAILS	140092.00008
	DATE: 4/14/2022
	SHEET 31 OF 50
	DRAWING NO.
	DET-6

NO.	DESCRIPTION	DATE	BY	CHKD.	DATE	BY	CHKD.

FILE NAME: N:\VILLAPARK\140092.00008\CIVIL\XPS_140092.00008.dgn

NOTE:
COMBINATION CONCRETE CURB AND GUTTER SHALL
BE CONSTRUCTED IN ACCORDANCE WITH THE VILLAGE
STANDARD DETAIL ON SHEET DET-3.



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

DSGN.	AJS
DWN.	AJS
CHKD.	BMW
SCALE:	HORZ. 5
	VERT. 2
PLOT DATE:	4/14/2022
CAD USER:	aschaefer
MODEL:	Default

TITLE:

MONTEREY AVENUE
STA. 101 + 28.00 - STA. 103 + 44.30
WASHINGTON STREET SEWER
SEPARATION - PHASE 1

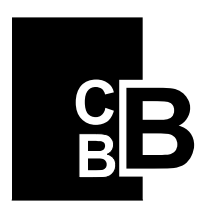
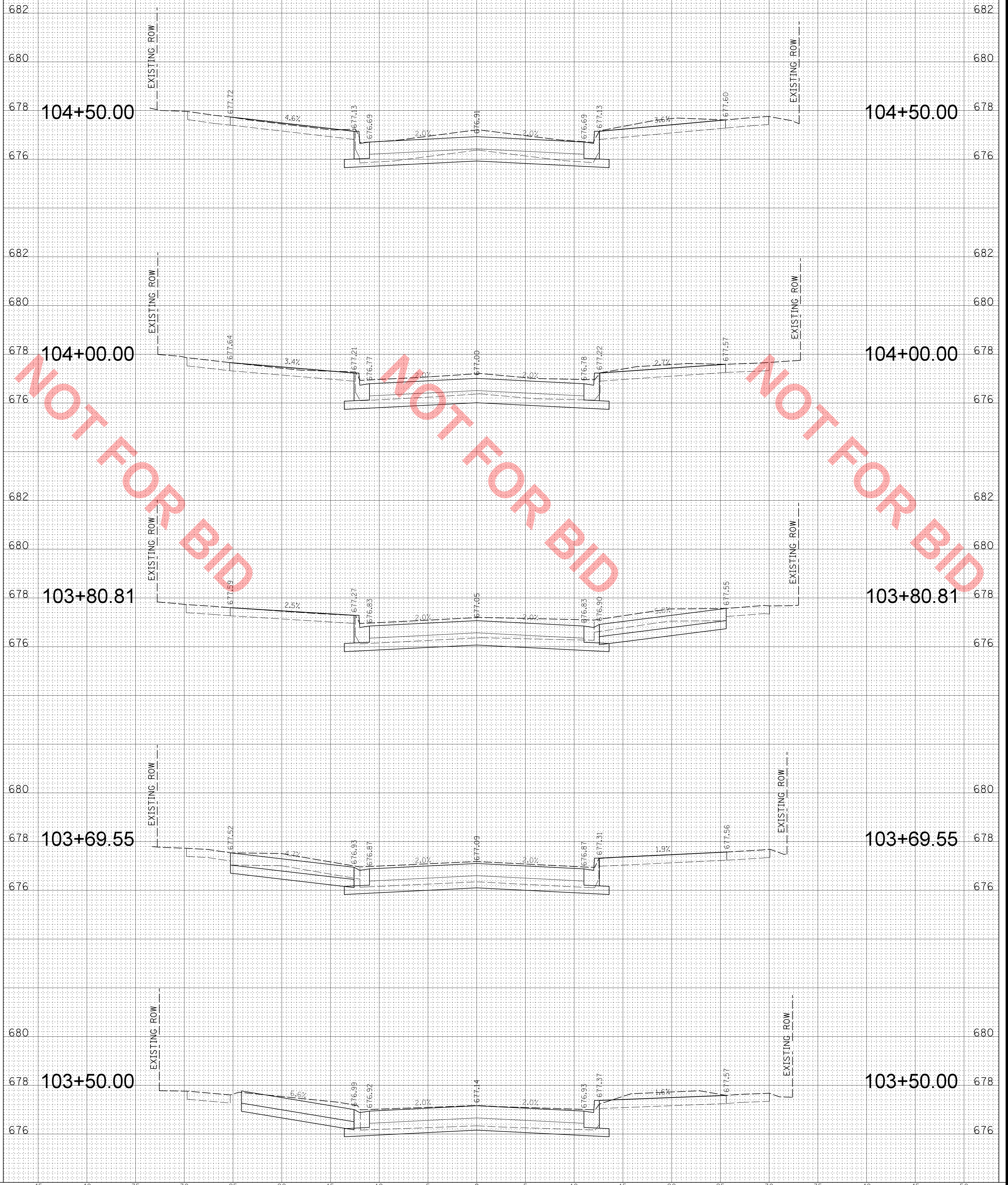
PROJ. NO. 140092.00008
DATE: 4/14/2022
SHEET 32 OF 50
DRAWING NO.

XS1

NO.	DATE	BY	CHKD.	DESC.

FILE NAME: N:\VILLAPARK\140092.00008\CIVIL\XPS_140092.00008.dgn

NOTE:
COMBINATION CONCRETE CURB AND GUTTER SHALL
BE CONSTRUCTED IN ACCORDANCE WITH THE VILLAGE
STANDARD DETAIL ON SHEET DET-3.



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

DSGN.	AJS
DWN.	AJS
CHKD.	BMW
SCALE:	HORZ. 5
	VERT. 2
PLOT DATE:	4/14/2022
CAD USER:	aschaefer
MODEL:	Default

TITLE:
MONTEREY AVENUE
STA. 103 + 50.00 - STA. 104 + 50.00
WASHINGTON STREET SEWER
SEPARATION - PHASE 1

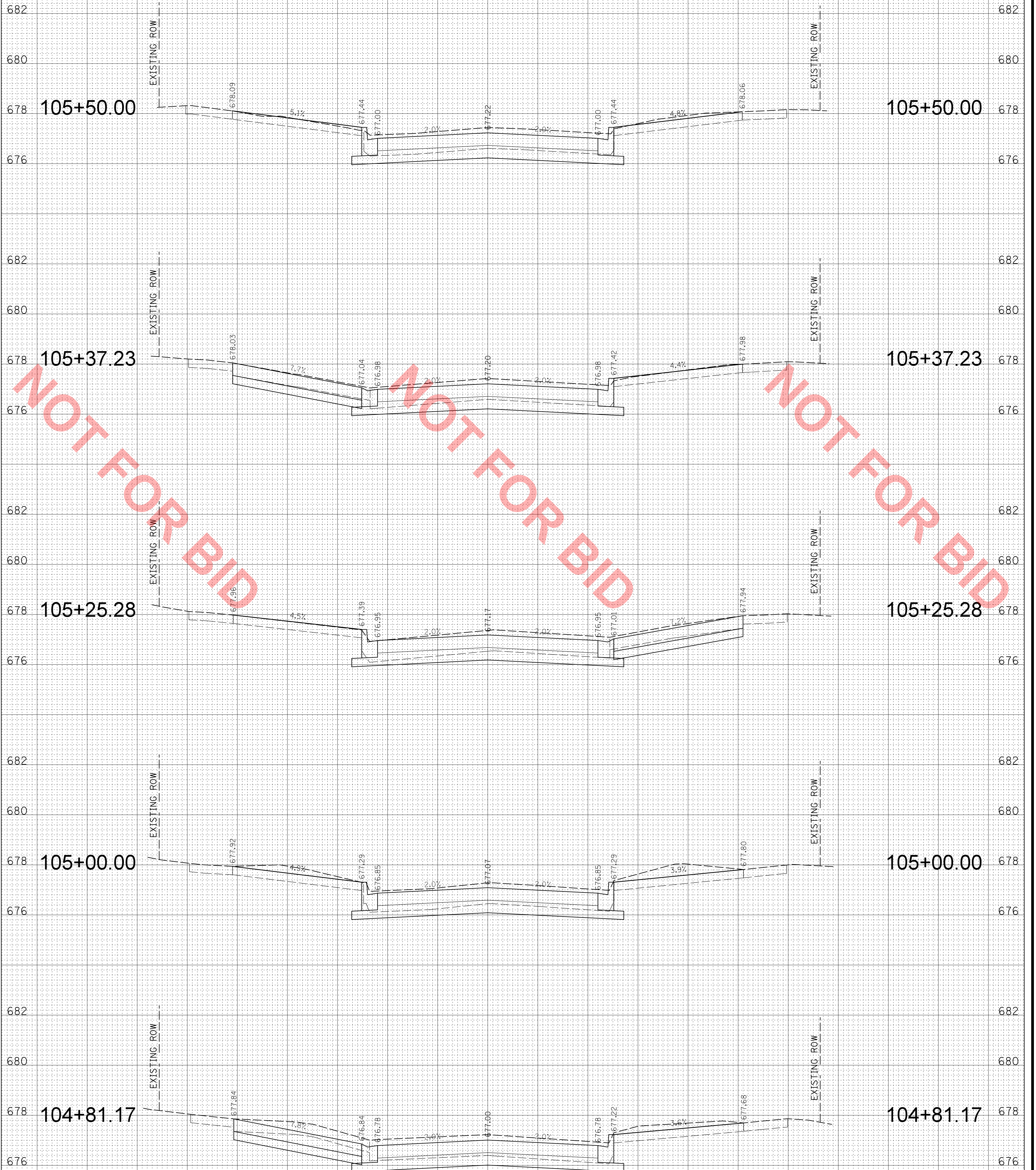
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DATE: 4/14/2022
SHEET 33 OF 50
DRAWING NO.

XS2

NO.	DATE	BY	CHKD.	DESC.

FILE NAME: N:\VILLAPARK\140092.00008\CIVIL\XPS_140092.00008.dgn

NOTE:
COMBINATION CONCRETE CURB AND GUTTER SHALL
BE CONSTRUCTED IN ACCORDANCE WITH THE VILLAGE
STANDARD DETAIL ON SHEET DET-3.



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Rosemont, Illinois 60018
(847) 823-0500



CLIENT:
VILLAGE OF VILLA PARK
20 S. ARDMORE AVENUE
VILLA PARK, IL 60181-2696

DSGN.	AJS
DWN.	AJS
CHKD.	BMW
SCALE:	HORZ. 5 VERT. 2
PLOT DATE:	4/14/2022
CAD USER:	aschaefer
MODEL:	Default

TITLE:
MONTEREY AVENUE
STA. 104 + 81.17 - STA. 105 + 50.00
WASHINGTON STREET SEWER
SEPARATION - PHASE 1

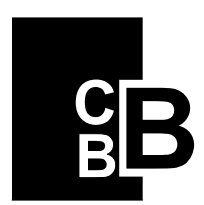
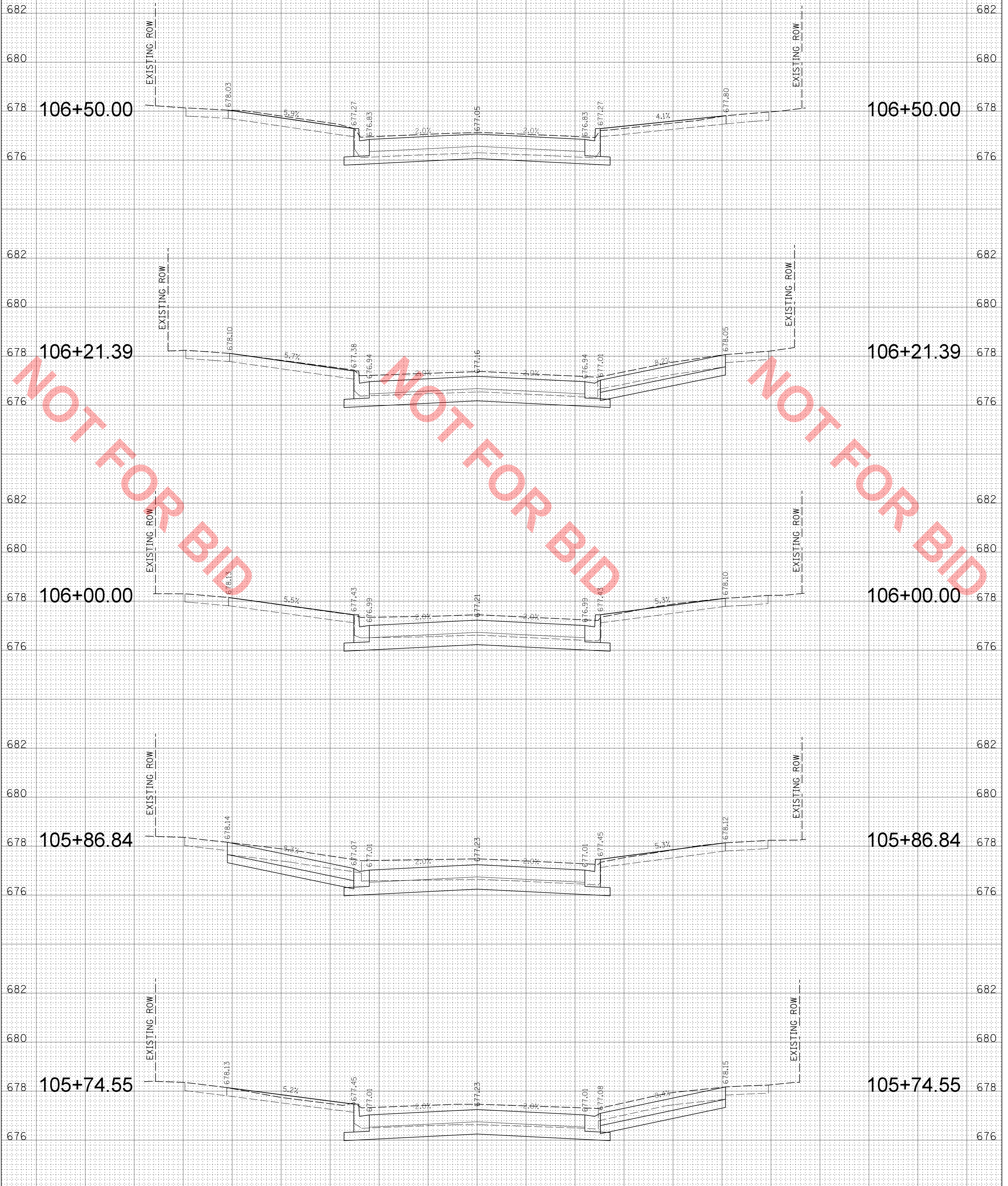
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DATE: 4/14/2022
SHEET 34 OF 50
DRAWING NO.

XS3

NO.	DATE	BY	CHKD.	DESC.

FILE NAME: N:\VILLA PARK\140092.00008\CIVIL\XPS_140092.00008.dgn

NOTE:
COMBINATION CONCRETE CURB AND GUTTER SHALL
BE CONSTRUCTED IN ACCORDANCE WITH THE VILLAGE
STANDARD DETAIL ON SHEET DET-3.



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



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

DSGN.	AJS
DWN.	AJS
CHKD.	BMW
SCALE:	HORZ. 5 VERT. 2
PLOT DATE:	4/14/2022
CAD USER:	aschaefer
MODEL:	Default

TITLE:
MONTEREY AVENUE
STA. 105 + 74.55 - STA. 106 + 50.00
WASHINGTON STREET SEWER
SEPARATION - PHASE 1

PROJ. NO. 140092.00008
DATE: 4/14/2022
SHEET 35 OF 50
DRAWING NO.

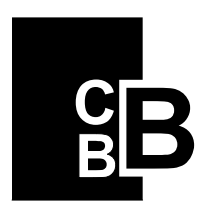
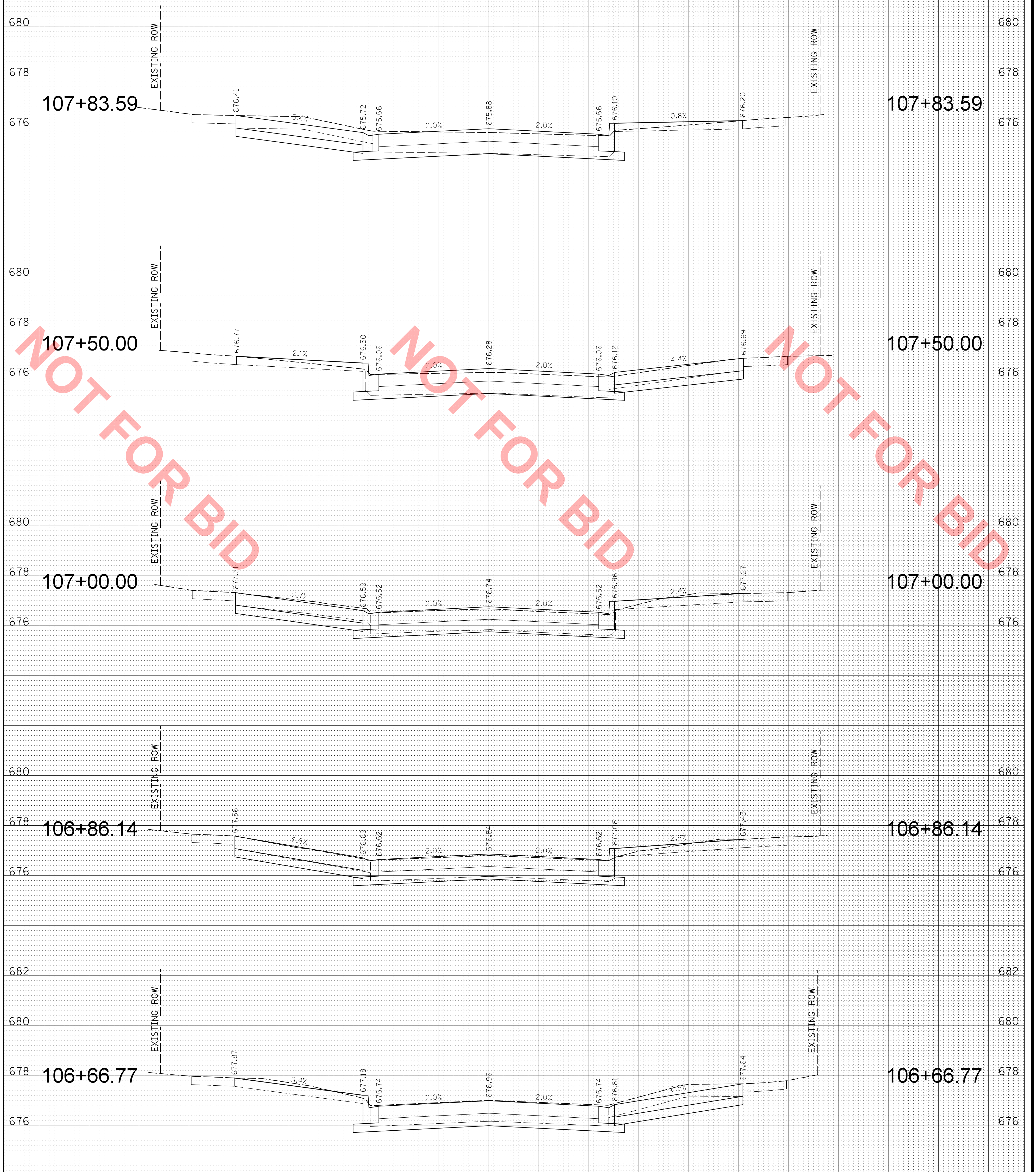
XS4

NO.	DATE	BY	CHKD.	DESC.

NO.	DATE	BY	CHKD.	DESC.

FILE NAME: N:\VILLAPARK\140092.00008\CIVIL\XPS_140092.00008.dgn

NOTE:
COMBINATION CONCRETE CURB AND GUTTER SHALL
BE CONSTRUCTED IN ACCORDANCE WITH THE VILLAGE
STANDARD DETAIL ON SHEET DET-3.



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



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

DSGN.	AJS
DWN.	AJS
CHKD.	BMW
SCALE:	HORZ. 5 VERT. 2
PLOT DATE:	4/14/2022
CAD USER:	aschaefer
MODEL:	Default

TITLE:
MONTEREY AVENUE
STA. 106 + 66.77 - STA. 107 + 83.59
WASHINGTON STREET SEWER
SEPARATION - PHASE 1

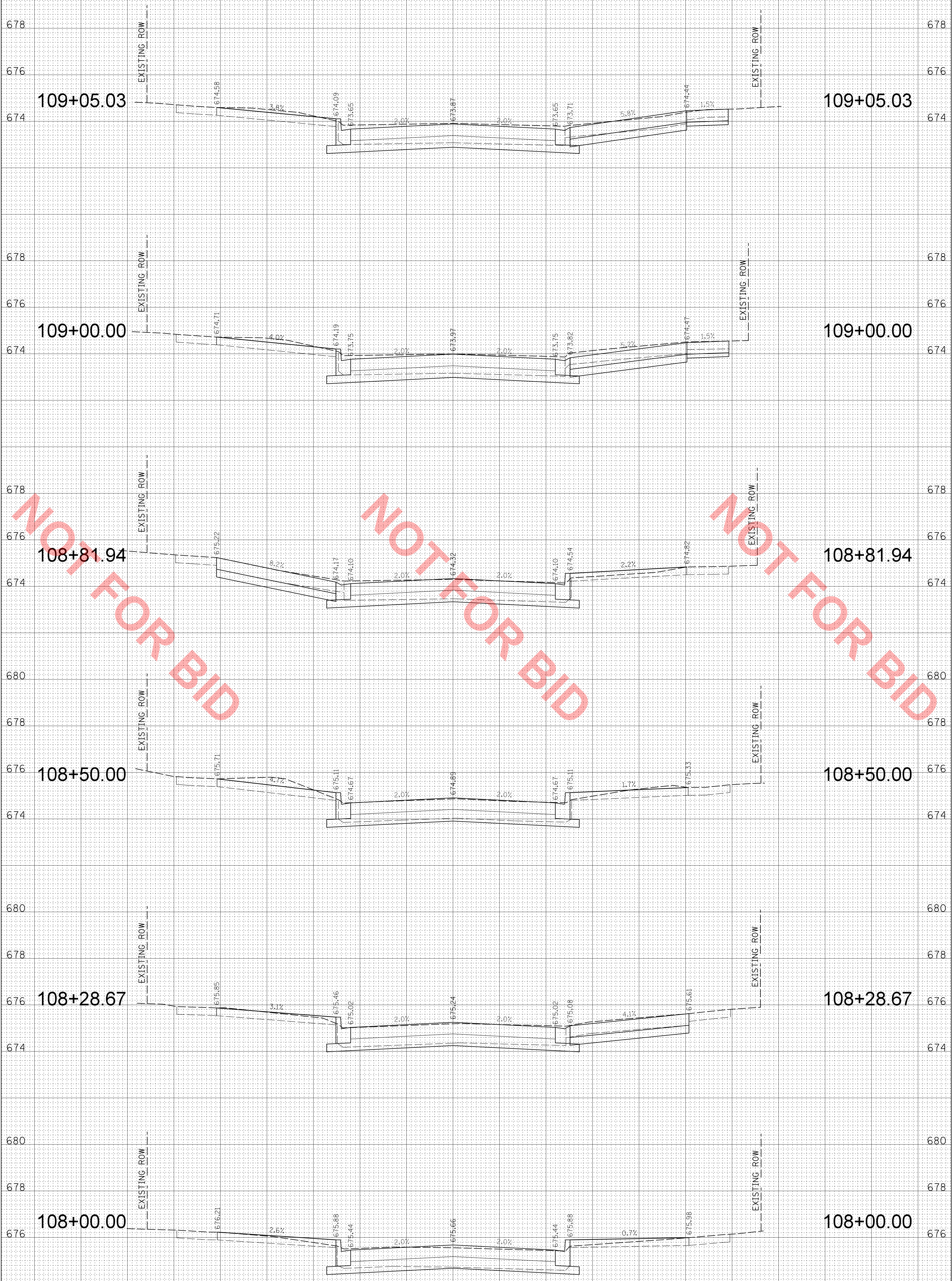
PROJ. NO. 140092.00008
DATE: 4/14/2022
SHEET 36 OF 50
DRAWING NO.

XS5

NO.	DATE	BY	CHKD.	DESC.


NO.	DATE	BY	CHKD.	DESC.

NOTE:
COMBINATION CONCRETE CURB AND GUTTER SHALL
BE CONSTRUCTED IN ACCORDANCE WITH THE VILLAGE
STANDARD DETAIL ON SHEET DET-3.



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 AVENUE
VILLA PARK, IL 60181-2696

DSGN.	AJS
DWN.	AJS
CHKD.	BMW
SCALE:	HORZ. 5 VERT. 2
PLOT DATE:	4/14/2022
CAD USER:	aschaefer
MODEL:	Default

TITLE:
MONTEREY AVENUE
STA. 108 + 00.00 - STA. 109 + 05.03
WASHINGTON STREET SEWER
SEPARATION - PHASE 1

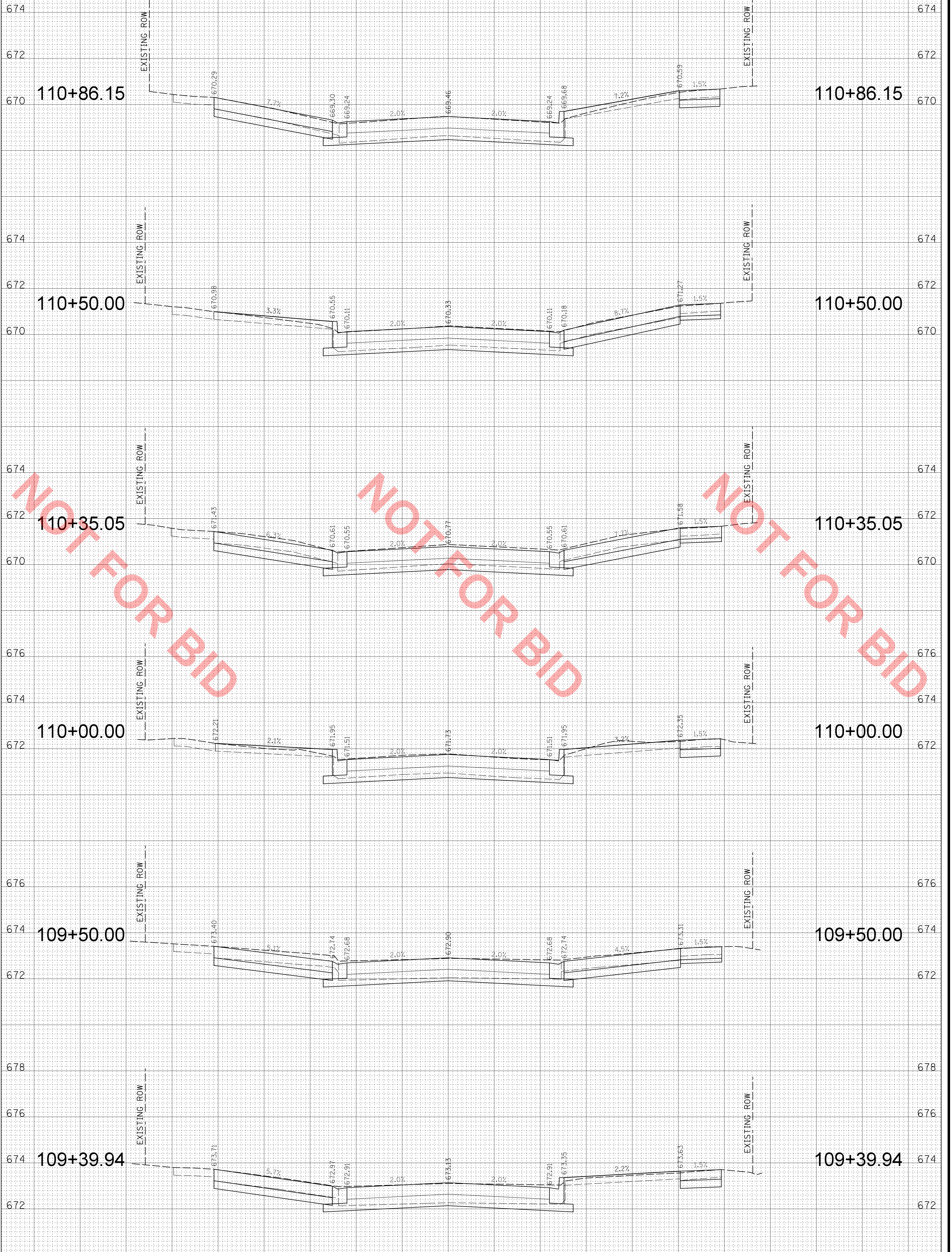
PROJ. NO.	140092.00008
DATE:	4/14/2022
SHEET	37 OF 50
DRAWING NO.	

XS6

NO.	DATE	BY	CHKD.	DESC.


FILE NAME: N:\VILLAPARK\140092.00008\CIVIL\XPS_140092.00008.dgn

NOTE:
COMBINATION CONCRETE CURB AND GUTTER SHALL
BE CONSTRUCTED IN ACCORDANCE WITH THE VILLAGE
STANDARD DETAIL ON SHEET DET-3.



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 AVENUE
VILLA PARK, IL 60181-2696

DSGN:	AJS
DWN:	AJS
CHKD:	BMW
SCALE:	HORZ. 5 VERT. 2
PLOT DATE:	4/14/2022
CAD USER:	aschaefer
MODEL:	Default

TITLE:
MONTEREY AVENUE
STA. 109 + 39.94 - STA. 110 + 86.15
WASHINGTON STREET SEWER
SEPARATION - PHASE 1

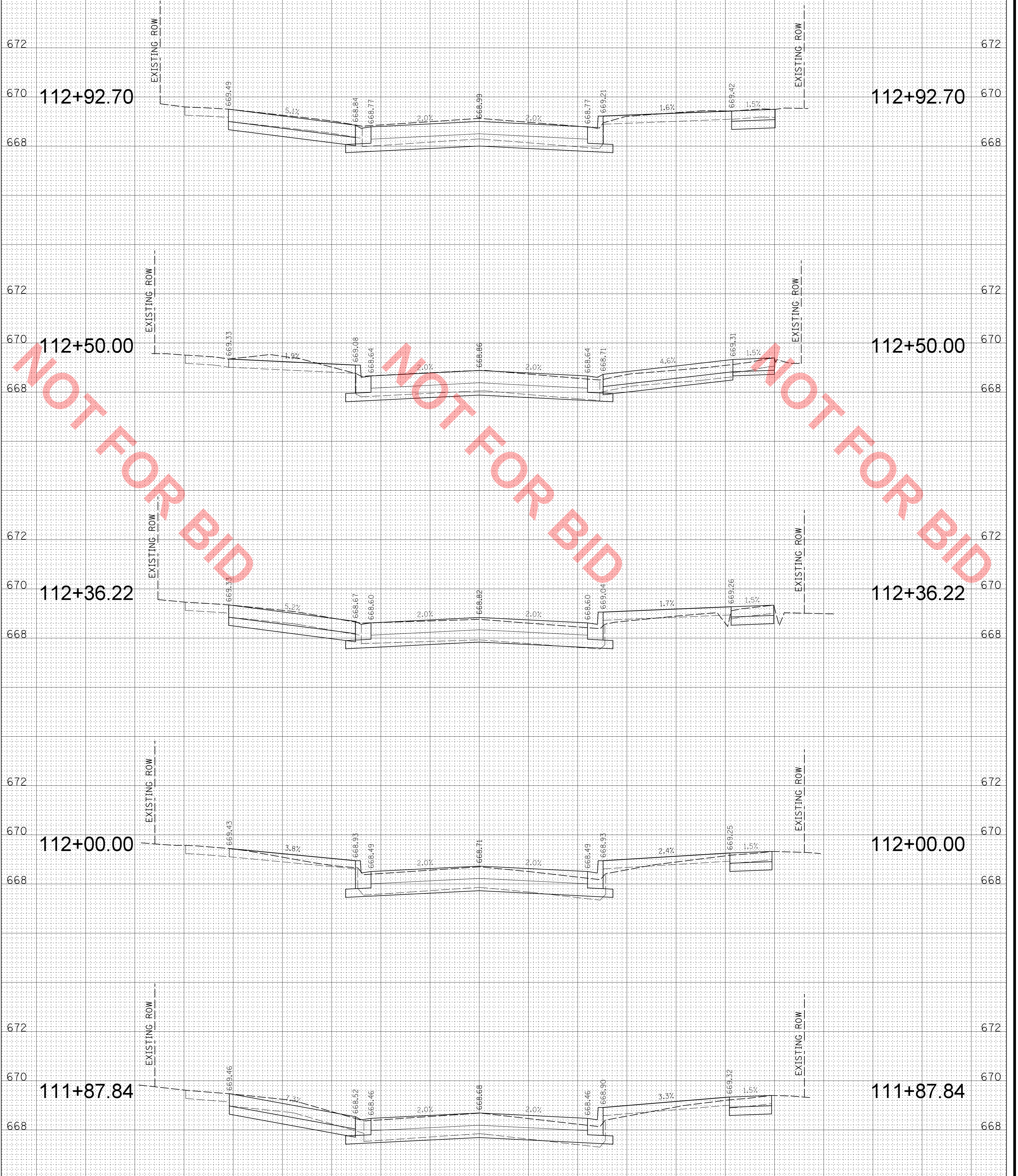
PROJ. NO.	140092.00008
DATE:	4/14/2022
SHEET	38 OF 50
DRAWING NO.	

XS7

NO.	DATE	BY	CHKD.	DESC.

FILE NAME: N:\VILLAPARK\140092.00008\CIVIL\XPS_140092.00008.dgn

NOTE:
COMBINATION CONCRETE CURB AND GUTTER SHALL
BE CONSTRUCTED IN ACCORDANCE WITH THE VILLAGE
STANDARD DETAIL ON SHEET DET-3.



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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 AVENUE
VILLA PARK, IL 60181-2696

DSGN:	AJS
DWN:	AJS
CHKD:	BMW
SCALE:	HORZ. 5 VERT. 2
PLOT DATE:	4/14/2022
CAD USER:	aschaefer
MODEL:	Default

TITLE: **MONTEREY AVENUE**
STA. 111 + 87.84 - STA. 112 + 92.70
WASHINGTON STREET SEWER
SEPARATION - PHASE 1

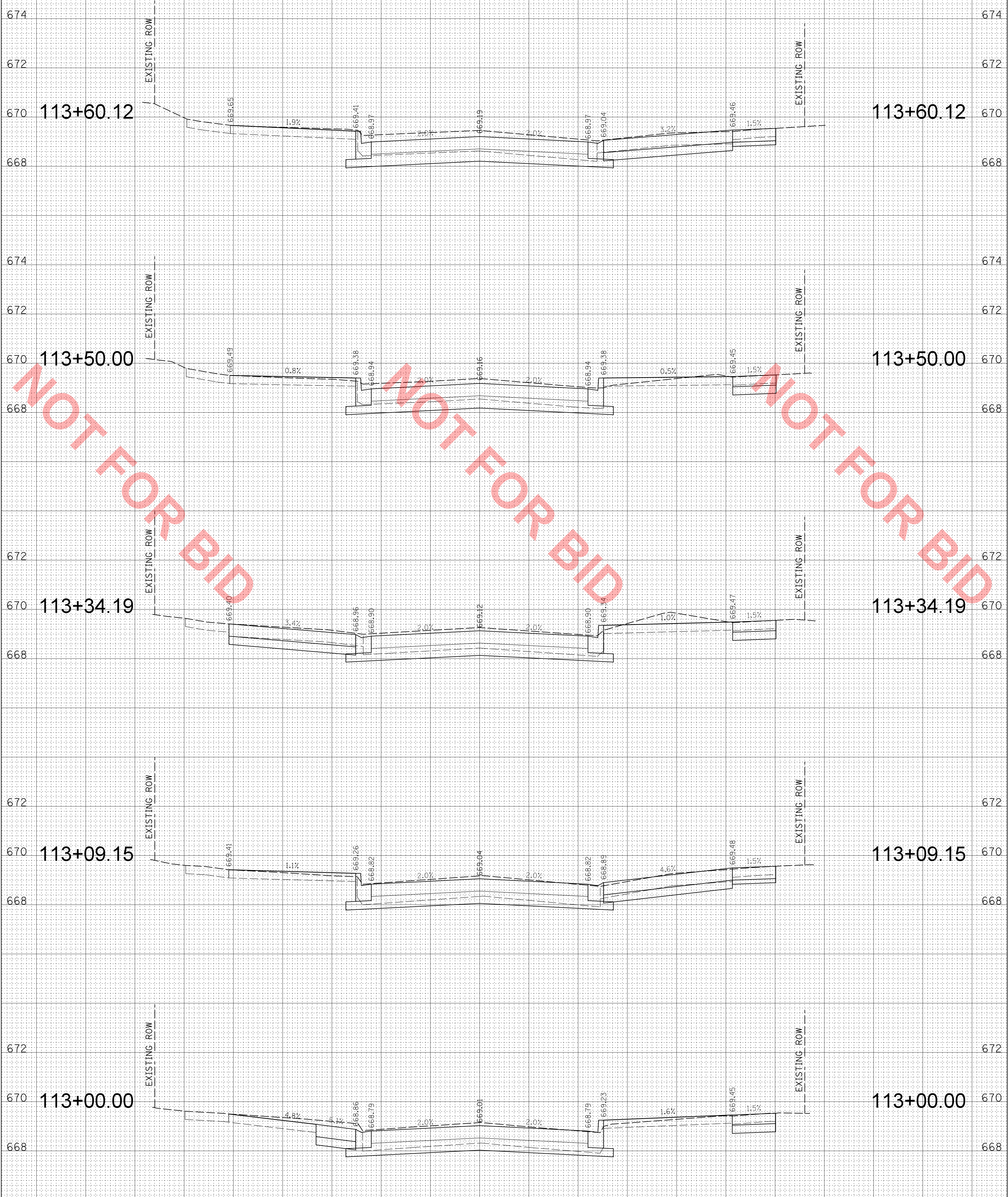
PROJ. NO. 140092.00008
DATE: 4/14/2022
SHEET 40 OF 50
DRAWING NO.
XS9

NO.	DESCRIPTION	DATE	BY	CHKD.	REVISION

NO.	DESCRIPTION	DATE	BY	CHKD.	REVISION

FILE NAME: N:\VILLAPARK\140092.00008\CIVIL\XPS_140092.00008.dgn

NOTE:
COMBINATION CONCRETE CURB AND GUTTER SHALL
BE CONSTRUCTED IN ACCORDANCE WITH THE VILLAGE
STANDARD DETAIL ON SHEET DET-3.



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



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

DSGN.	AJS
DWN.	AJS
CHKD.	BMW
SCALE:	HORZ. 5 VERT. 2
PLOT DATE:	4/14/2022
CAD USER:	aschaefer
MODEL:	Default

TITLE:
MONTEREY AVENUE
STA. 113 + 00.00 - STA. 113 + 60.12
WASHINGTON STREET SEWER
SEPARATION - PHASE 1

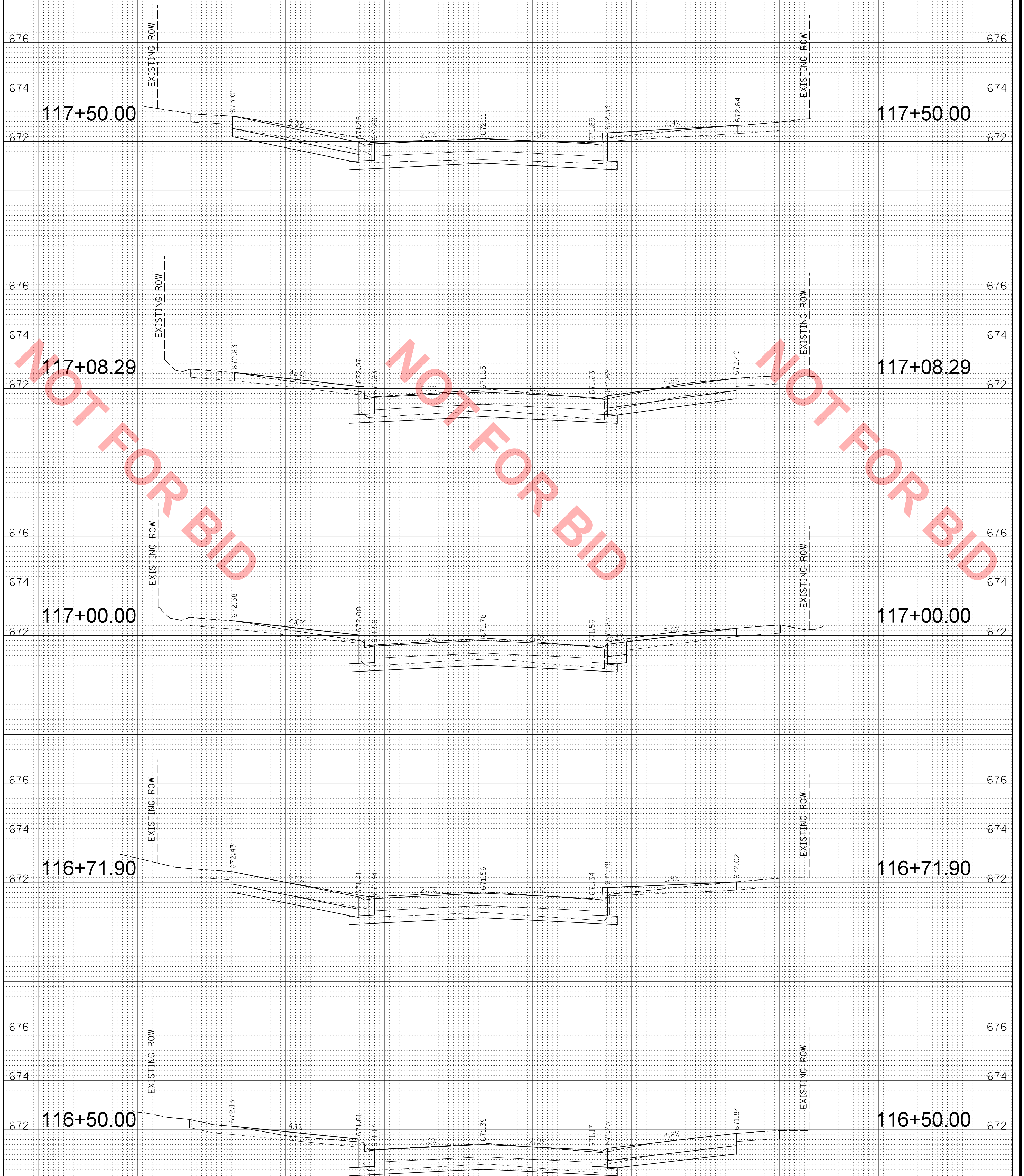
PROJ. NO. 140092.00008
DATE: 4/14/2022
SHEET 41 OF 50
DRAWING NO.

XS10

NO.	DATE	BY	CHKD.	DESC.

FILE NAME: N:\VILLAPARK\140092.00008\CIVIL\XPS_140092.00008.dgn

NOTE:
COMBINATION CONCRETE CURB AND GUTTER SHALL
BE CONSTRUCTED IN ACCORDANCE WITH THE VILLAGE
STANDARD DETAIL ON SHEET DET-3.



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



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

DSGN.	AJS
DWN.	AJS
CHKD.	BMW
SCALE:	HORZ. 5 VERT. 2
PLOT DATE:	4/14/2022
CAD USER:	aschaefer
MODEL:	Default

TITLE:
MONTEREY AVENUE
STA. 116 + 50.00 - STA. 117 + 50.00
WASHINGTON STREET SEWER
SEPARATION - PHASE 1

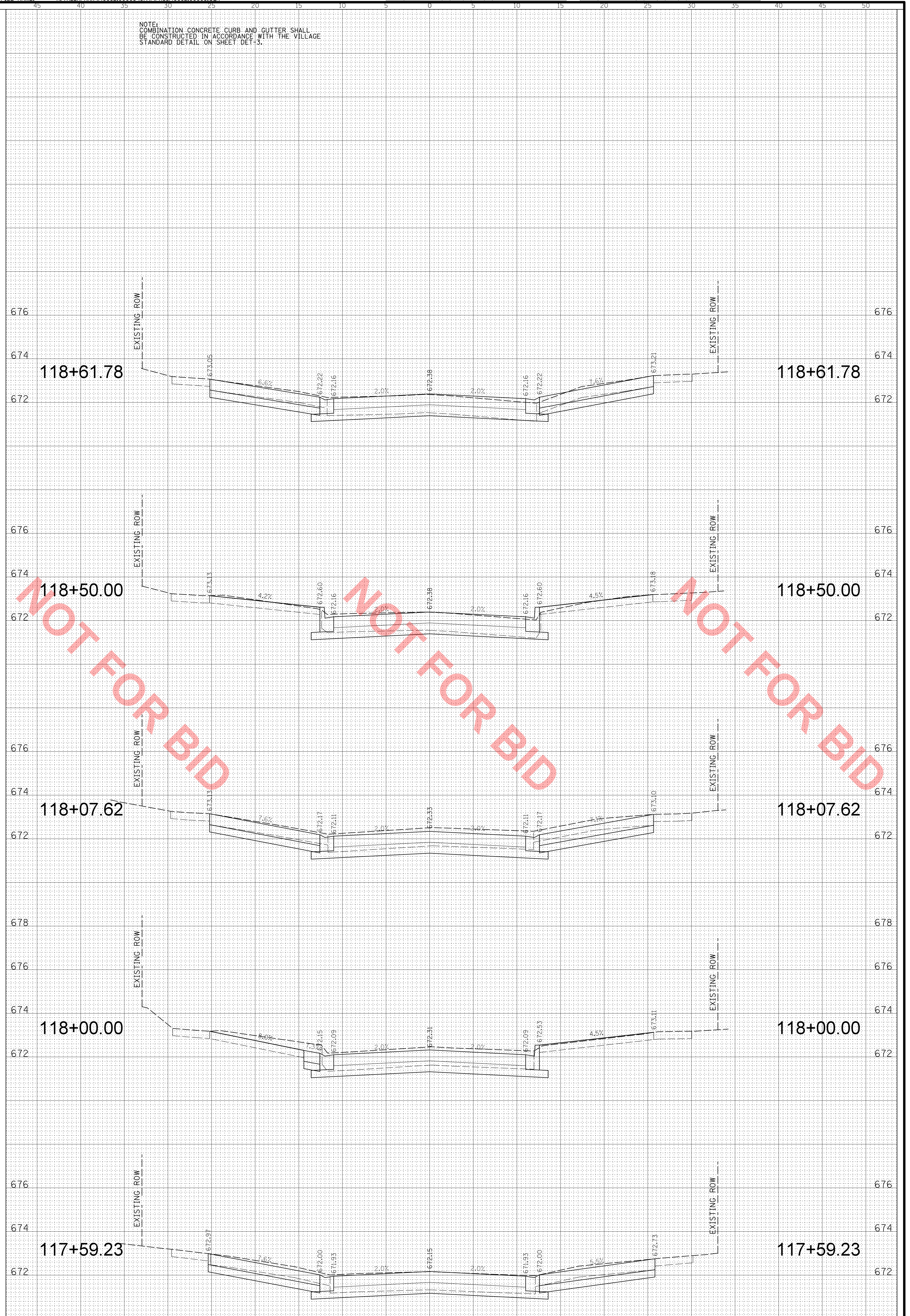
PROJ. NO. 140092.00008
DATE: 4/14/2022
SHEET 43 OF 50
DRAWING NO.

XS12

NO.	DATE	BY	CHKD.	DESC.


FILE NAME: N:\VILLAPARK\140092.00008\CIVIL\XPS_140092.00008.dgn

NOTE:
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STANDARD DETAIL ON SHEET DET-3.



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 AVENUE
VILLA PARK, IL 60181-2696

DSGN.	AJS
DWN.	AJS
CHKD.	BMW
SCALE:	HORZ. 5 VERT. 2
PLOT DATE:	4/14/2022
CAD USER:	aschaefer
MODEL:	Default

TITLE:
MONTEREY AVENUE
STA. 117 + 59.23 - STA. 118 + 61.78
WASHINGTON STREET SEWER
SEPARATION - PHASE 1

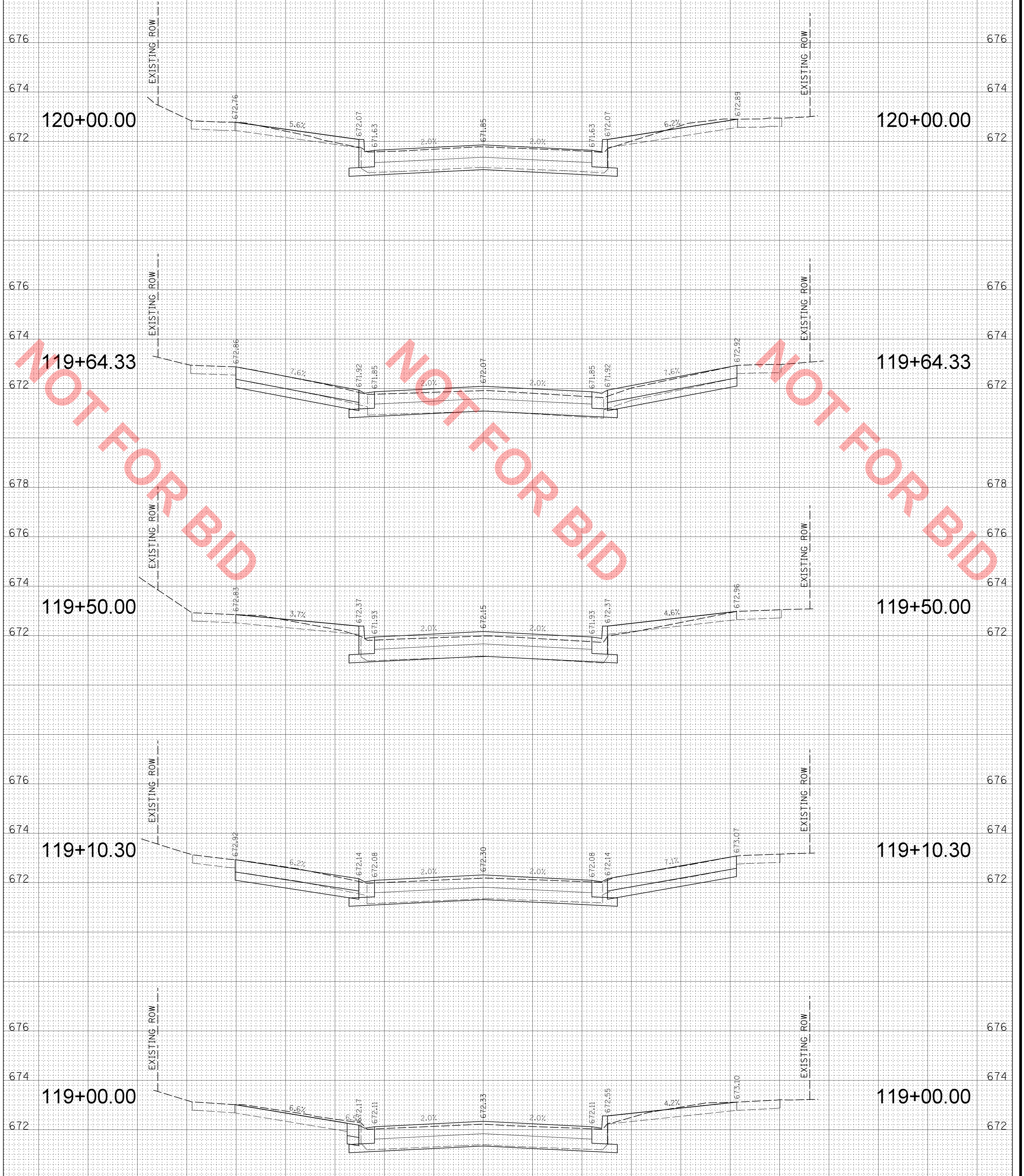
PROJ. NO.	140092.00008
DATE:	4/14/2022
SHEET	44 OF 50
DRAWING NO.	

XS13

NO.	DATE	BY	CHKD.	DESC.


FILE NAME: N:\VILLA PARK\140092.00008\CIVIL\XPS_140092.00008.dgn

NOTE:
COMBINATION CONCRETE CURB AND GUTTER SHALL
BE CONSTRUCTED IN ACCORDANCE WITH THE VILLAGE
STANDARD DETAIL ON SHEET DET-3.



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 AVENUE
VILLA PARK, IL 60181-2696

DSGN.	AJS
DWN.	AJS
CHKD.	BMW
SCALE:	HORZ. 5 VERT. 2
PLOT DATE:	4/14/2022
CAD USER:	aschaefer
MODEL:	Default

TITLE:
MONTEREY AVENUE
STA. 119 + 00.00 - STA. 120 + 00.00
WASHINGTON STREET SEWER
SEPARATION - PHASE 1

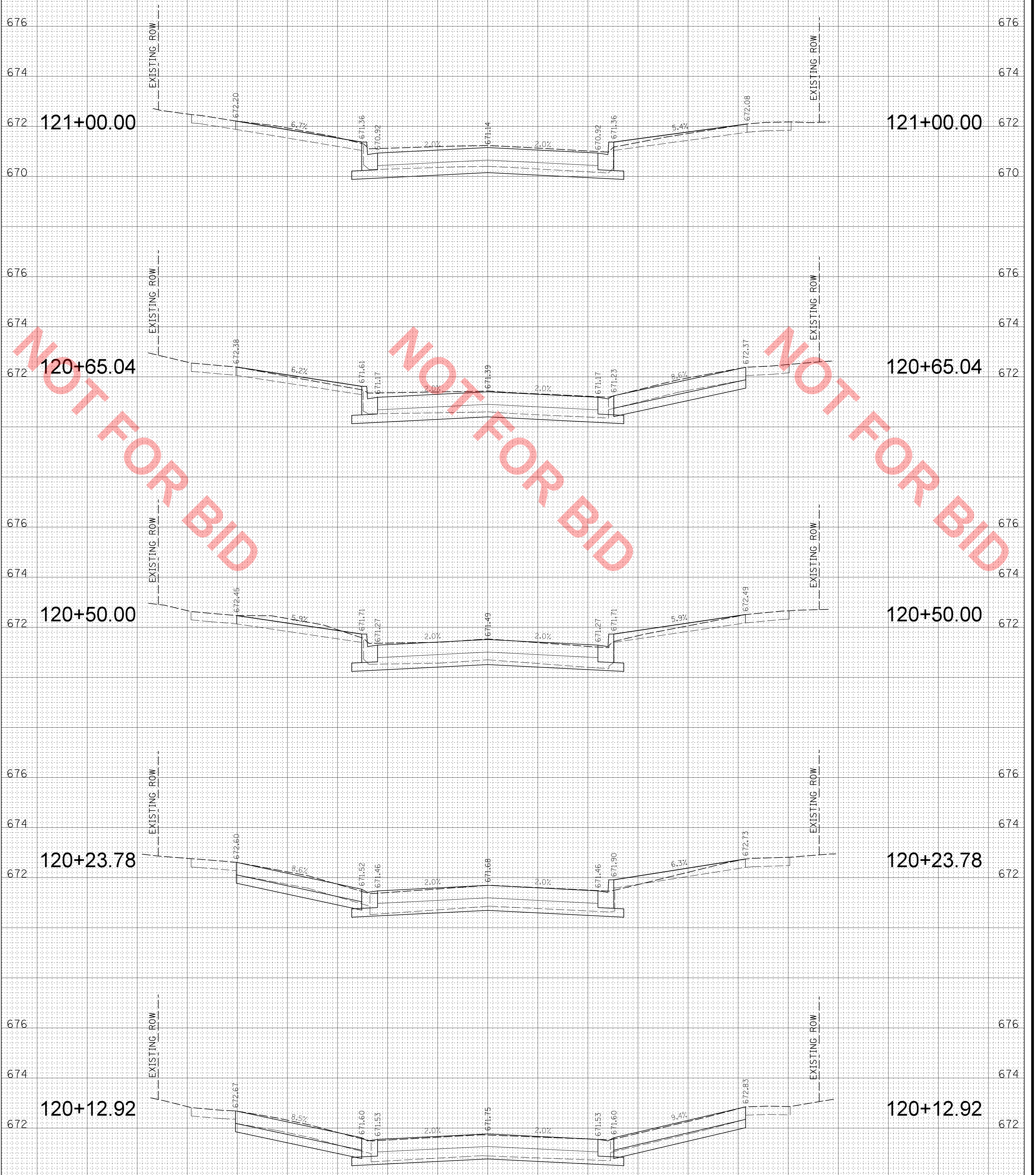
PROJ. NO.	140092.00008
DATE:	4/14/2022
SHEET	45 OF 50
DRAWING NO.	

XS14

NO.	DATE	BY	CHKD.	DESC.

FILE NAME: N:\VILLAPARK\140092.00008\CIVIL\XPS_140092.00008.dgn

NOTE:
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BE CONSTRUCTED IN ACCORDANCE WITH THE VILLAGE
STANDARD DETAIL ON SHEET DET-3.



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



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

DSGN.	AJS
DWN.	AJS
CHKD.	BMW
SCALE:	HORZ. 5
	VERT. 2
PLOT DATE:	4/14/2022
CAD USER:	aschaefer
MODEL:	Default

TITLE:
MONTEREY AVENUE
STA. 120 + 12.92 - STA. 121 + 00.00
WASHINGTON STREET SEWER
SEPARATION - PHASE 1

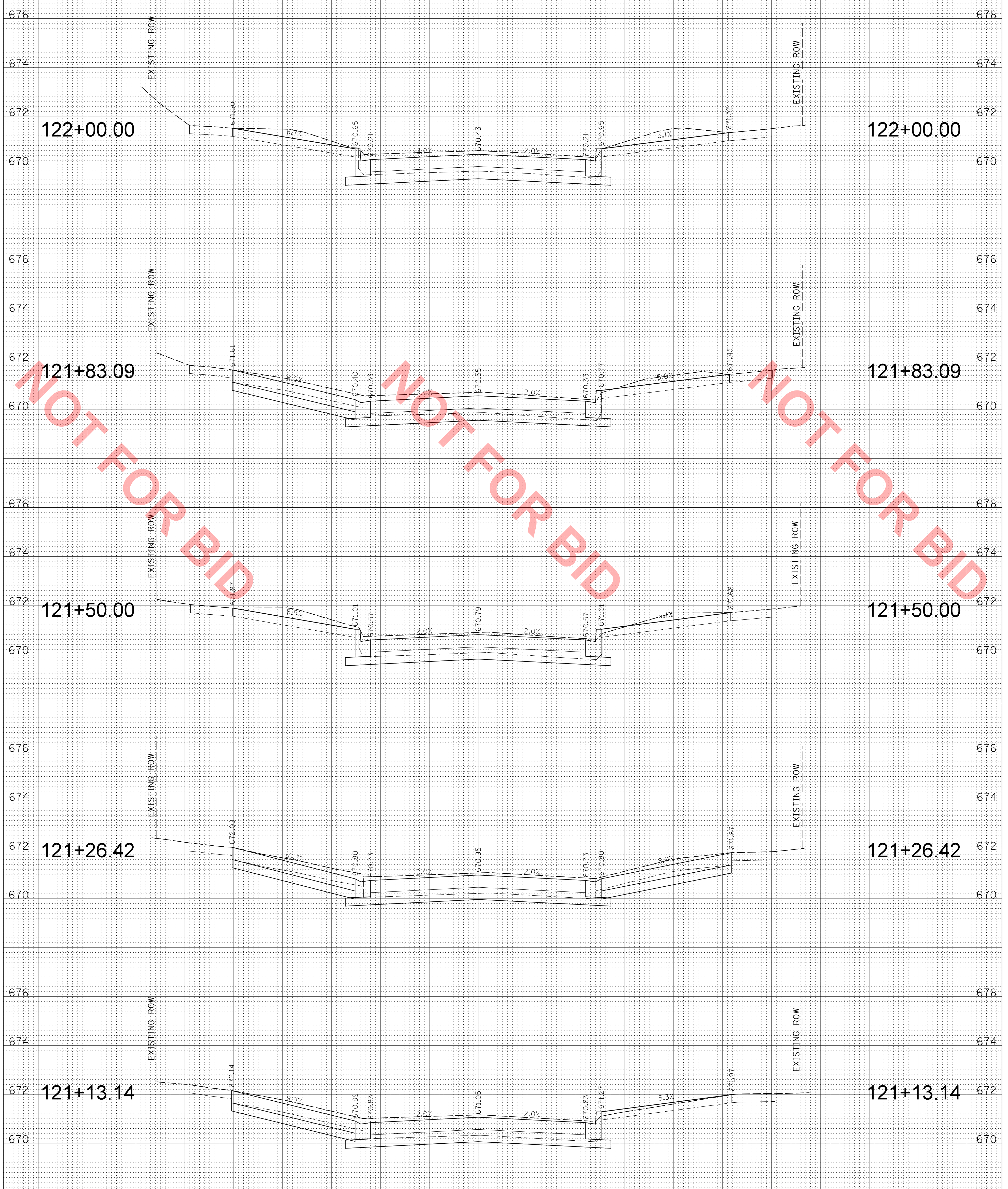
PROJ. NO. 140092.00008
DATE: 4/14/2022
SHEET 46 OF 50
DRAWING NO.

XS15

NO.	DATE	BY	CHKD.	DESC.

FILE NAME: N:\VILLAPARK\140092.00008\CIVIL\XPS_140092.00008.dgn

NOTE:
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BE CONSTRUCTED IN ACCORDANCE WITH THE VILLAGE
STANDARD DETAIL ON SHEET DET-3.



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

CLIENT:
Village of Villa Park
THE GARDEN VILLAGE
VILLAGE OF VILLA PARK
20 S. ARDMORE AVENUE
VILLA PARK, IL 60181-2696

DSGN.	AJS
DWN.	AJS
CHKD.	BMW
SCALE:	HORZ. 5 VERT. 2
PLOT DATE:	4/14/2022
CAD USER:	aschaefer
MODEL:	Default

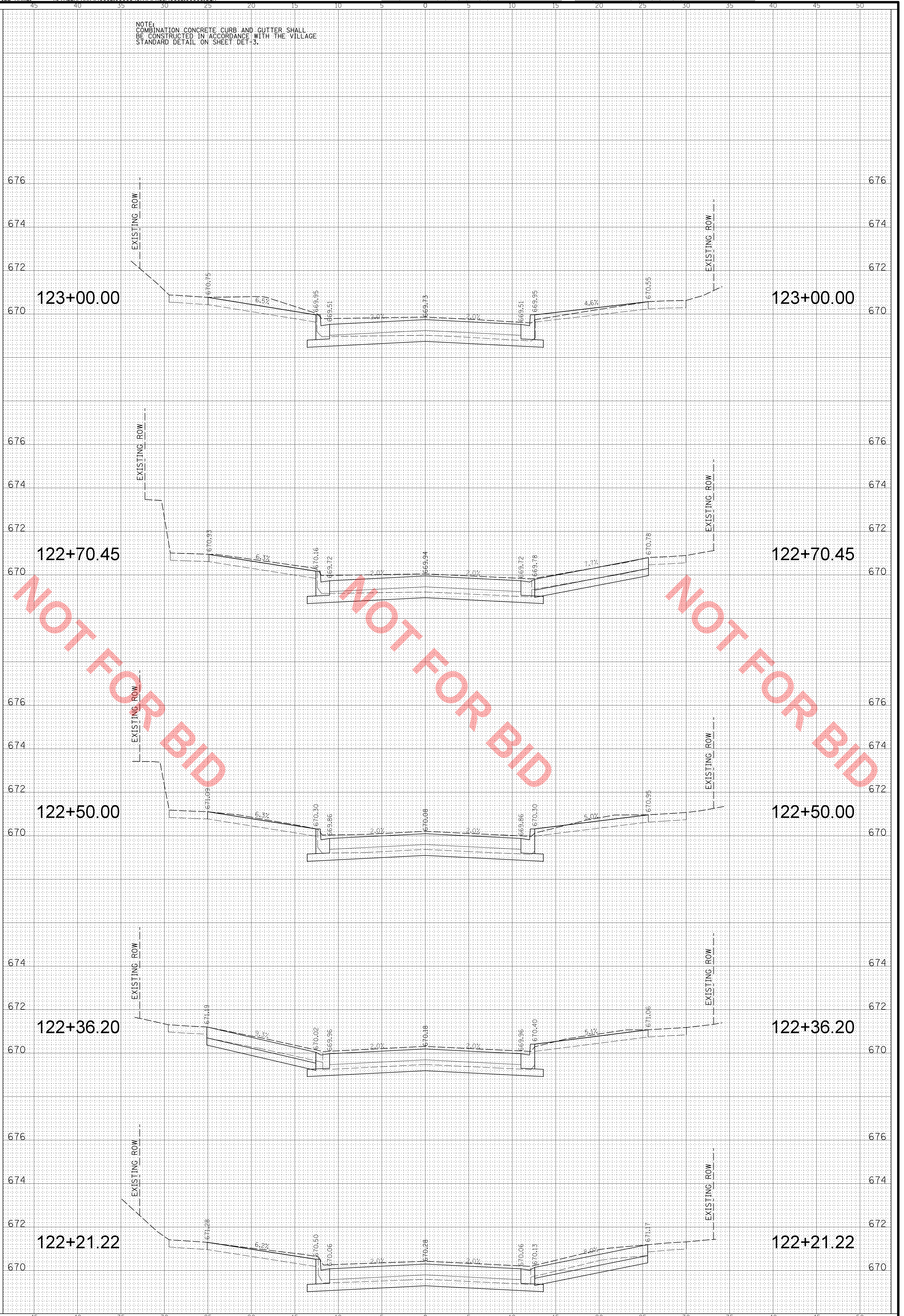
TITLE:
MONTEREY AVENUE
STA. 121 + 13.14 - STA. 122 + 00.00
WASHINGTON STREET SEWER
SEPARATION - PHASE 1

PROJ. NO. 140092.00008
DATE: 4/14/2022
SHEET 47 OF 50
DRAWING NO.
XS16

NO.	DESCRIPTION	DATE	BY	CHKD.	DATE	BY	CHKD.

FILE NAME: N:\VILLAPARK\140092.00008\CIVIL\XPS_140092.00008.dgn

NOTE:
COMBINATION CONCRETE CURB AND GUTTER SHALL
BE CONSTRUCTED IN ACCORDANCE WITH THE VILLAGE
STANDARD DETAIL ON SHEET DET-3.



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 AVENUE
VILLA PARK, IL 60181-2696

DSGN.	AJS
DWN.	AJS
CHKD.	BMW
SCALE:	HORZ. 5 VERT. 2
PLOT DATE:	4/14/2022
CAD USER:	aschaefer
MODEL:	Default

TITLE:
MONTEREY AVENUE
STA. 122 + 21.22 - STA. 123 + 00.00
WASHINGTON STREET SEWER
SEPARATION - PHASE 1

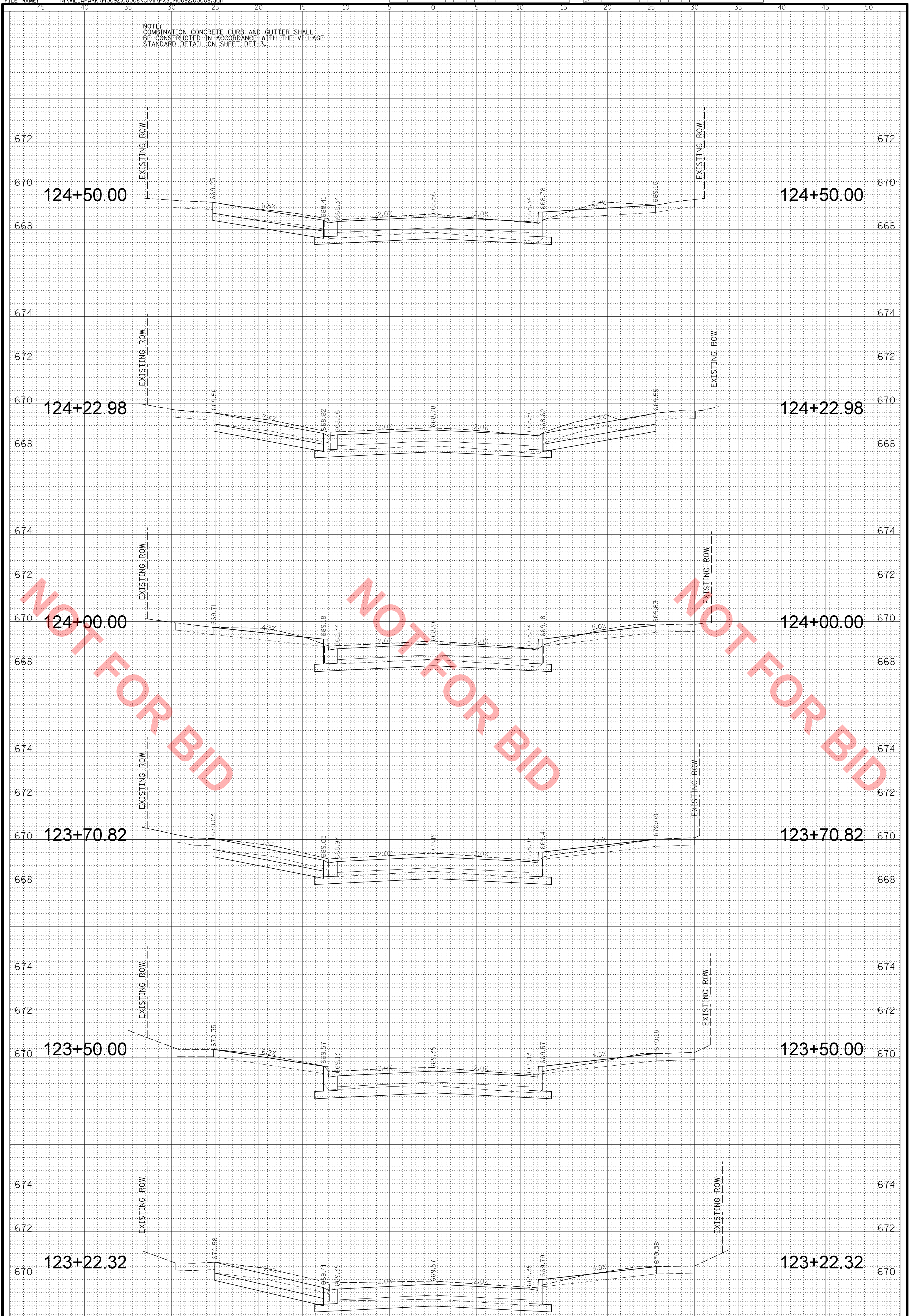
PROJ. NO. 140092.00008
DATE: 4/14/2022
SHEET 48 OF 50
DRAWING NO.

XS17

NO.	DATE	BY	CHKD.	DESC.

FILE NAME: N:\VILLAPARK\140092.00008\CIVIL\XPS_140092.00008.dgn

NOTE:
COMBINATION CONCRETE CURB AND GUTTER SHALL
BE CONSTRUCTED IN ACCORDANCE WITH THE VILLAGE
STANDARD DETAIL ON SHEET DET-3.



CB 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 AVENUE
VILLA PARK, IL 60181-2696

DSGN.	AJS
DWN.	AJS
CHKD.	BMW
SCALE:	HORZ. 5
	VERT. 2
PLOT DATE:	4/14/2022
CAD USER:	aschaefer
MODEL:	Default

TITLE:
MONTEREY AVENUE
STA. 123 + 22.32 - STA. 124 + 50.00
WASHINGTON STREET SEWER
SEPARATION - PHASE 1

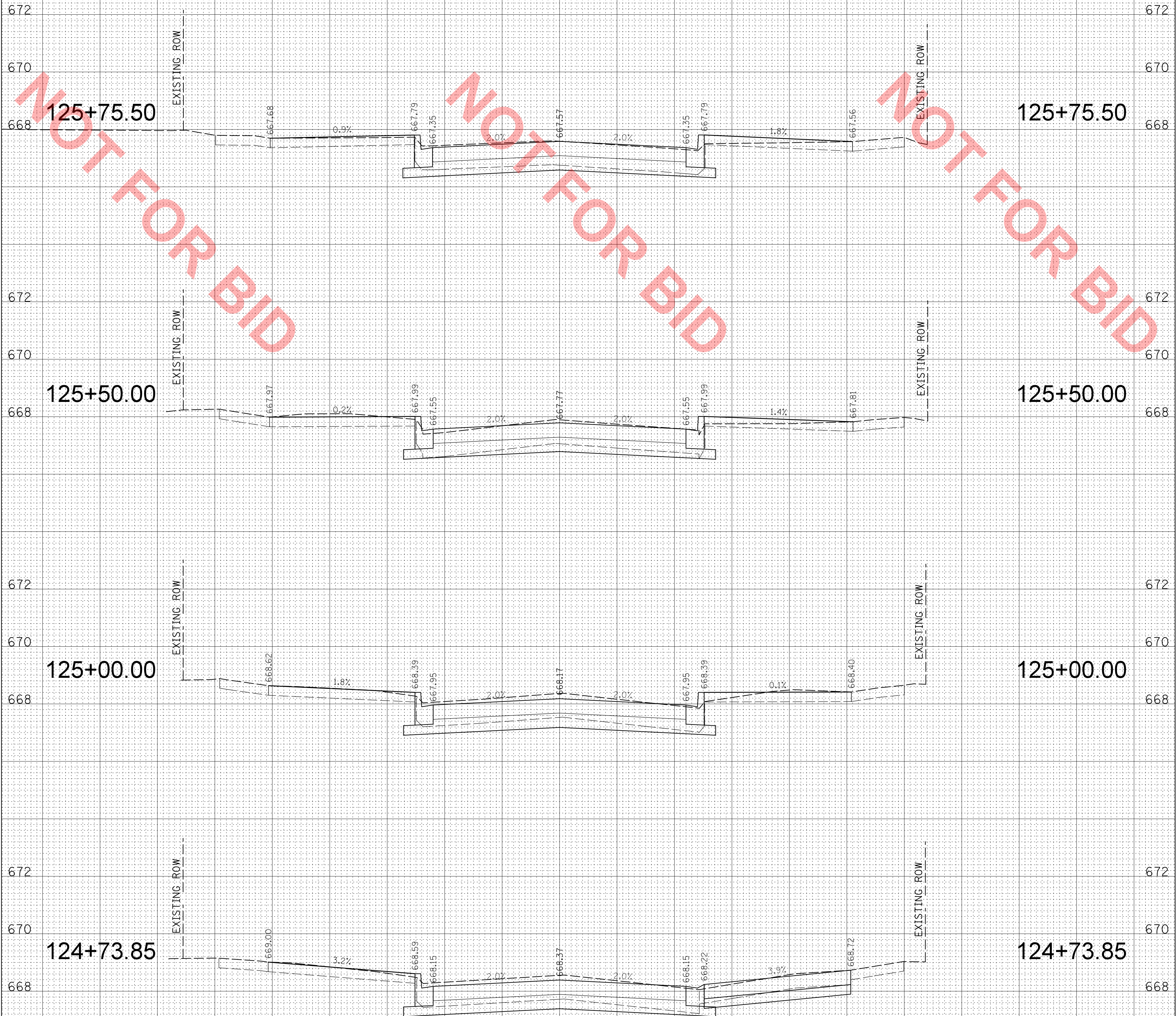
PROJ. NO. 140092.00008
DATE: 4/14/2022
SHEET 49 OF 50
DRAWING NO.

XS18

NO.	DATE	BY	CHKD.	DESC.

FILE NAME: N:\VILLAPARK\140092.00008\CIVIL\XPS_140092.00008.dgn

NOTE:
COMBINATION CONCRETE CURB AND GUTTER SHALL
BE CONSTRUCTED IN ACCORDANCE WITH THE VILLAGE
STANDARD DETAIL ON SHEET DET-3.



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 AVENUE
VILLA PARK, IL 60181-2696

DSGN.	AJS
DWN.	AJS
CHKD.	BMW
SCALE:	HORZ. 5
	VERT. 2
PLOT DATE:	4/14/2022
CAD USER:	aschaefer
MODEL:	Default

TITLE:
MONTEREY AVENUE
STA. 124 + 73.85 - STA. 125 + 75.50
WASHINGTON STREET SEWER
SEPARATION - PHASE 1

PROJ. NO.	140092.00008
DATE:	4/14/2022
SHEET	50 OF 50
DRAWING NO.	

XS19