

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	N/A	DUPAGE	34	1
		ILLINOIS	CONTRACT NO.	

VILLAGE OF VILLA PARK, ILLINOIS

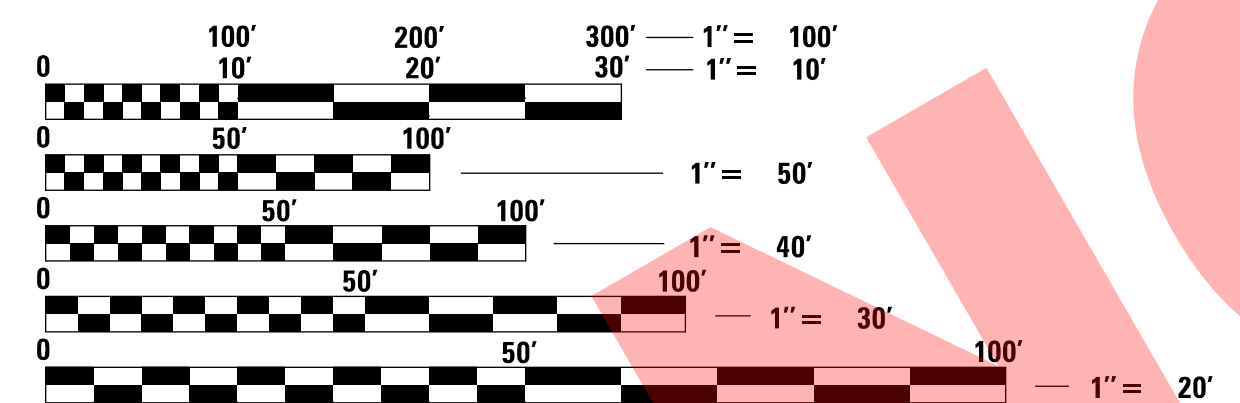
2018 STREET IMPROVEMENTS

DUPAGE COUNTY, ILLINOIS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

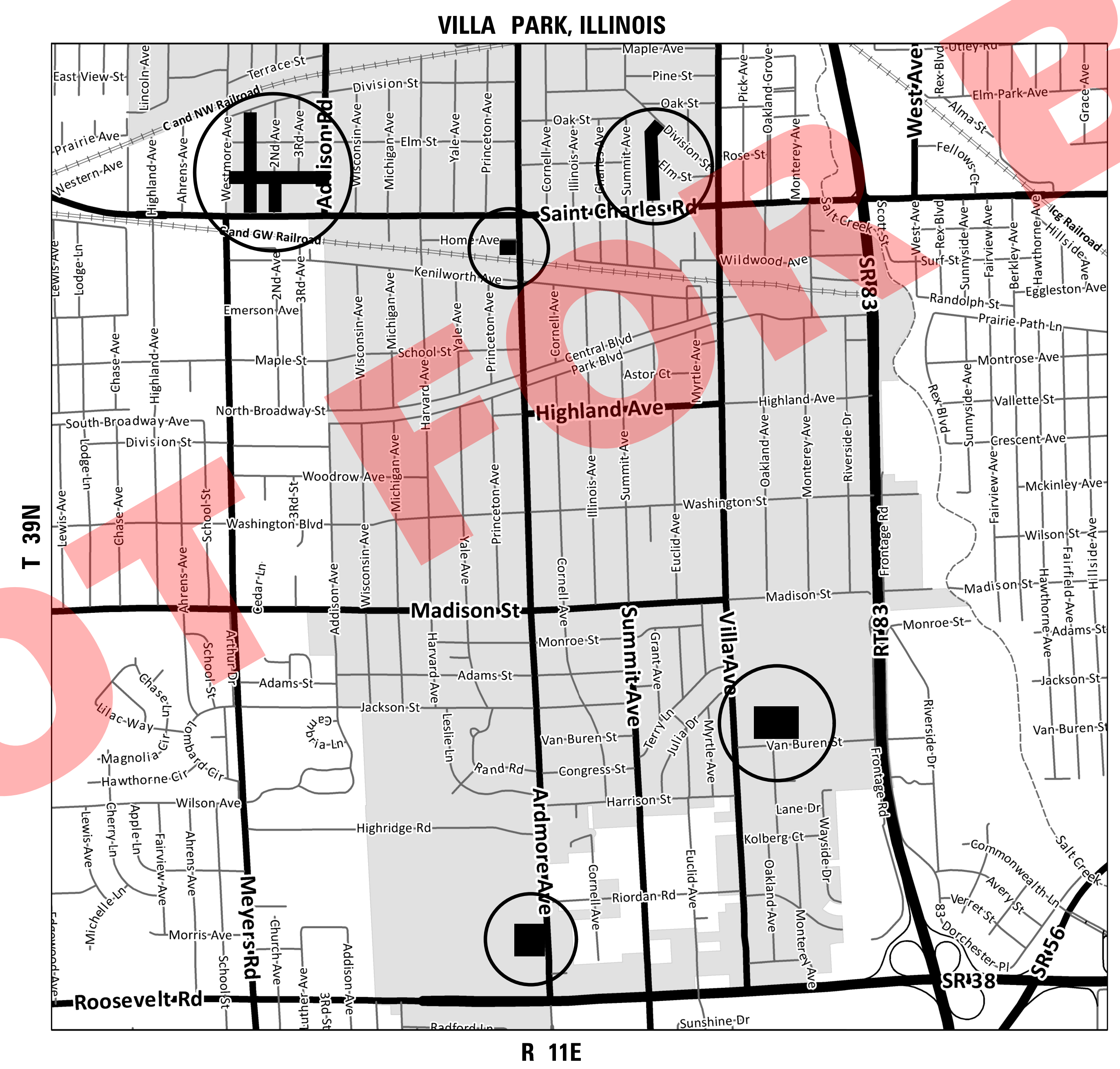
THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/DIRECTION AND MEANS/METHODS OF CONSTRUCTION

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

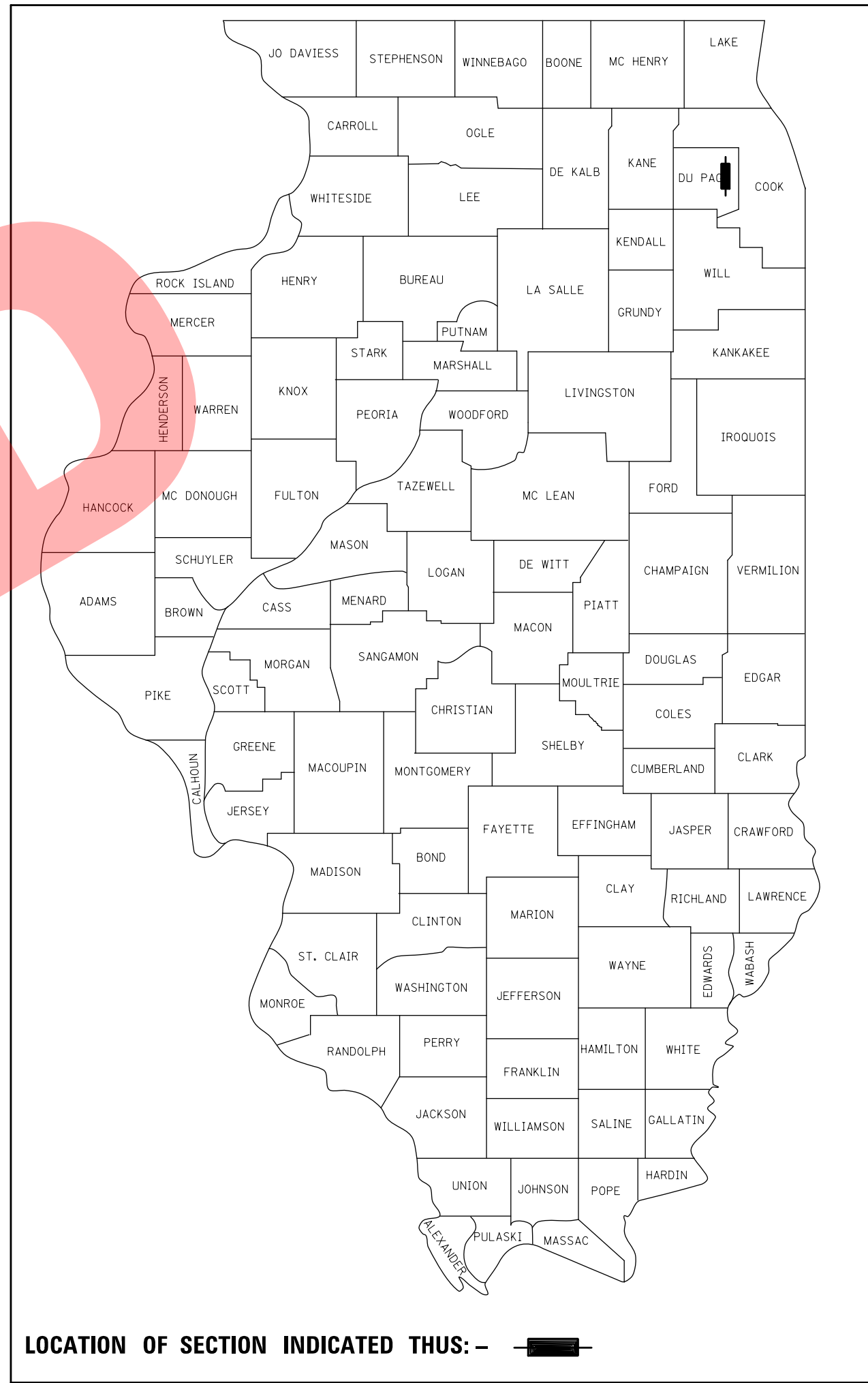
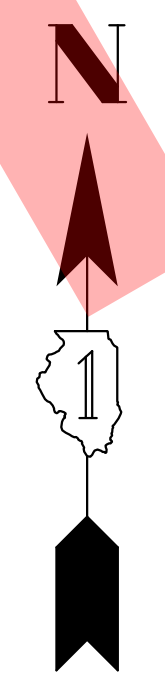


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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 = 4320 FT. = 0.82 MILES
 NET LENGTH = 4320 FT. = 0.82 MILES



ANDREW M. PUFUNDT
 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS
 062-061729
 DATE: 8/3/2018
 ENGINEER
 DATE
 ANDREW M. PUFUNDT
 ILLINOIS REGISTRATION NO. 062-061729
 EXPIRATION DATE: 11/30/19

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: 04/30/19

GENERAL NOTES

INDEX OF SHEETS

DESCRIPTION	SHEET NO.
TITLE SHEET	1
INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES	2
SUMMARY OF QUANTITIES	3
LOCATION MAP	4
TYPICAL SECTIONS	5-6
ALIGNMENT, TIES, AND BENCHMARKS	7-9
PROPOSED ROADWAY PLAN – EUCLID AVENUE	10
PROPOSED ROADWAY PLAN – SECOND AVENUE	11
PROPOSED ROADWAY PLAN – BIERMANN AVENUE	12
PROPOSED ROADWAY PLAN AND PROFILE – BIERMANN AVENUE	13-14
PROPOSED ROADWAY PLAN AND PROFILE – HOLLY COURT	15-17
PROPOSED PARKING LOT PLAN – VILLA PARK PUBLIC WORKS	18
PROPOSED SITE PLAN – VILLA PARK FIRE STATION DRIVEWAY	19
PROPOSED PARKING LOT PLAN – SUGAR CREEK GOLF COURSE	20
CONSTRUCTION DETAILS	21-23
PROPOSED ROADWAY CROSS SECTIONS- BIERMANN AVENUE	24-27
PROPOSED ROADWAY CROSS SECTIONS- HOLLY COURT	28-34

HIGHWAY STANDARDS

000001-06 - STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-10 - PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-03 - DIAGONAL CURB RAMPS FOR SIDEWALKS
424016-04 - MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-04 - DEPRESSED CORNER FOR SIDEWALKS
602011-02 - CATCH BASIN TYPE C
602301-04 - INLET – TYPE A
602401-04 - PRECAST MANHOLE TYPE A 4' DIAMETER
602601-05 - PRECAST REINFORCED CONCRETE FLAT SLAB TOP (ONLY IF APPROVED IN FIELD BY ENGINEER)
602701-02 - MANHOLE STEPS
604001-04 - 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
701901-07 - 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 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.

6. CONTRACTOR SHALL CERTIFY THAT ALL REQUIRED TRAINING RELATED TO APPLICABLE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMITS HAS BEEN COMPLETED BY ALL EMPLOYEES, SUBCONTRACTORS AND OTHER VENDORS WORKING ON BEHALF OF THE CONTRACTOR ON VILLAGE PROJECTS OR WITHIN THE VILLAGE'S MUNICIPAL LIMITS.

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 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 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.
- 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:
 - REMOVAL OF A SUFFICIENT LENGTH OF EXISTING SEWER MAIN AND INSTALLATION OF A NEW PVC TEE OR WYE FITTING. FITTINGS SHALL BE CONNECTED TO THE EXISTING MAIN WITH NON-SHEAR MISSION COUPLINGS.
- SEWER CONSTRUCTION: ALL WORK SHALL CONFORM TO THE PROVISIONS OF THE STANDARD SPECIFICATIONS EXCEPT AS SAME MAY BE MODIFIED BY THE FOLLOWING: 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 SEWER AND MISSION COUPLINGS NEEDED TO CONNECT (EXTEND) EXISTING SEWERS TO PROPOSED DRAINAGE AND UTILITY STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE COST OF THE STRUCTURE. PROPOSED SEWER SHALL BE STORM OR SANITARY SEWER OF TYPE AND SIZE REQUIRED.
- STORM SEWER, SANITARY SEWER, AND WATER MAIN SHALL BE BACKFILLED IN ACCORDANCE WITH THE VILLAGE OF VILLA PARK STANDARD DETAIL FOR PIPE INSTALLATION.
- 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.
- THE ENDS OF EXISTING DRAINAGE LINES AND HOLES IN EXISTING MANHOLES WHICH ARE NOT TO BE INCORPORATED INTO THE PROPOSED IMPROVEMENTS DESIGNATED BY THE ENGINEER SHALL BE SEALED WITH A PORTLAND CEMENT MORTAR TO THE SATISFACTION OF THE ENGINEER. COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE STRUCTURE.
- THE CONTRACTOR SHALL NOT OPEN OR SHUT ANY WATER VALVES OR FIRE HYDRANTS WITHOUT PRIOR AUTHORIZATION FROM THE VILLAGE WATER DEPARTMENT. UNAUTHORIZED USE MAY SUBJECT THE OFFENDER TO ARREST AND PROSECUTION.
- ALL WATER MAIN SHUT DOWNS SHALL BE COMPLETED BY THE VILLAGE.

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 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 OBTAINED FROM THE VILLAGE OF VILLA PARK PUBLIC WORKS DEPARTMENT WEBSITE.

- 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 DRIVEWAY APRONS ON STREETS TO BE REHABILITATED WILL BE REPLACED TO MATCH THE EXISTING MATERIAL (ASPHALT OR CONCRETE). ALL AGGREGATE DRIVEWAY APRONS WILL BE REPLACED WITH ASPHALT.
- CONTRACTOR IS REQUIRED TO COMPLETE DRIVEWAY AND CURB AND GUTTER CONSTRUCTION ON ONE SIDE OF THE STREET BEFORE STARTING ON THE OPPOSITE SIDE. RESIDENTS SHALL HAVE ACCESS TO THEIR DRIVEWAYS ON AT LEAST ONE SIDE OF THE STREET AT ALL TIMES.
- NO STOCKPILES OF MATERIAL WILL BE ALLOWED OVERNIGHT.
- MAILBOXES WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS (DRIVEWAYS) OR CONSTRUCTION OPERATIONS (CURB) SHALL BE REMOVED, TEMPORARILY RELOCATED, AND RESET UPON COMPLETION OF THE PROPOSED IMPROVEMENTS AS DIRECTED BY THE ENGINEER. POSTS WHICH ARE DAMAGED OR UNUSABLE SHALL BE REPLACED IN-KIND AND INSTALLED TO THE LATEST VILLA PARK STANDARDS. ALL POSTS SHALL BE SET IN CONCRETE. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
- ALL ROADS MUST HAVE ONLY ONE LONGITUDINAL JOINT WHEN PAVING.
- ALL PEDESTRIAN ROUTES CONSTRUCTED AS PART OF THIS PROJECT SHALL BE ADA COMPLIANT.
- ALL PROPOSED SIDEWALK SHOWN ON THE PLANS IS FOR ADA COMPLIANCE AT INTERSECTIONS OR FOR PROFILE ADJUSTMENTS/REALIGNMENTS. ADDITIONAL SIDEWALK REMOVAL AND REPLACEMENT WILL BE MARKED IN THE FIELD BY THE ENGINEER.
- ALL CONSTRUCTION ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE CONTRACTOR SHALL COMPLETE WEEKLY INSPECTION REPORTS AND AFTER EACH RAIN EVENT. REPORTS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
- WORK UNDER A SEPARATE CONTRACT MAY BE ONGOING ON SECOND AVENUE FROM HOLLY COURT TO DIVISION STREET DURING THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL COORDINATE SCHEDULES WITH ALL CONTRACTORS WORKING IN THE AREA. NO ADDITIONAL COMPENSATION WILL BE PROVIDED TO THE CONTRACTOR FOR ANY NECESSARY COORDINATION. NO ADDITIONAL TIME OR COMPENSATION WILL BE ADDED TO THE CONTRACT FOR DELAYS ENCOUNTERED AT THIS LOCATION DUE TO SCHEDULING CONFLICTS WITH OTHER CONTRACTORS.
- 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.
- THE USE OF DROP HAMMERS OR SIMILAR EQUIPMENT WILL NOT BE PERMITTED.

UTILITY CONTACTS

UTILITY COMPANY	AT&T (Distribution)	COMCAST	COMED	CROWN CASTLE	DUPAGE WATER COMMISSION
CONSTRUCTION CONTACT PERSON	Steve Larson	Martha Gieras	Lisa Argast	Becky Byrd	Ken Niles
Phone #	630-573-5450	224-229-5862	630-576-7094	724-416-2842	630-516-1932
FAX					
ADDRESS	AT&T (DISTRIBUTION)	COMCAST	COMED	CROWN CASTLE	DUPAGE WATER COMMISSION
	1000 Commerce Drive, Floor 1 Oak Brook, IL 60523	688 Industrial Drive Elmhurst, IL 60126	3 Lincoln Center Oak Brook Terrace, IL 60181	2000 Corporate Drive Canonsburg, PA 15317	600 E. Butterfield Road Elmhurst, IL 60126
FACILITIES IN / NEAR PROJECT	YES	YES	YES	YES	YES
COMMENTS / STATUS					

UTILITY COMPANY	VILLAGE OF LOMBARD	MCI-VERIZON BUSINESS	NICOR GAS	WOW INTERNET & CABLE
CONSTRUCTION CONTACT PERSON	Dave Gorman	Dean Boyers	Bruce Koppang	Paul Flinkow
Phone #	630-620-5740	972-729-6322	630-388-3046	630-388-3139
FAX				
ADDRESS	VILLAGE OF LOMBARD	MCI-VERIZON BUSINESS	NICOR GAS	WOW INTERNET & CABLE
	1051 S. Hammerschmidt Avenue Lombard, IL 60148	2400 N. Glenville Richardson, TX 75082	1844 Ferry Road Naperville, IL 60563	1674 Frontenac Road Naperville, IL 60563
FACILITIES IN / NEAR PROJECT	YES	NO	YES	YES
COMMENTS / STATUS				

CLIENT:



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

		DSGN.	AJS
		DWN.	BWH
		CHKD.	AMP
		SCALE:	20'
		PLOT DATE:	8/3/2018
		CAD USER:	aschaefer
		MODEL:	Default
NO.	DATE	NATURE OF REVISION	CHKD.
FILE NAME	N:\VILLAPARK\140092.000\CI\VI\NOT_140092_000\I.SHT		

TITLE:

2018 STREET IMPROVEMENTS INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES

PROJ. NO. 140092.00011

DATE: 8/3/2018

SHEET 2 OF 34

DRAWING NO.

2



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

SUMMARY OF QUANTITIES

SP	ITEM NO.	ITEM	UNIT	BASE BID					ALTERNATE 1	ALTERNATE 2	ALTERNATE 3	ALTERNATE 4
				EUCLID AVENUE	SECOND AVENUE	BIERMANN AVENUE	HOLLY COURT	BASE BID TOTALS	VILLA PARK PUBLIC WORKS PARKING LOT (HMA)	VILLA PARK PUBLIC WORKS PARKING LOT (PCC)	VILLA PARK FIRE STATION DRIVEWAY	SUGAR CREEK GOLF COURSE PARKING LOT
				QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	
	1	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	15	15	15	15	60	0	0	0	0
	2	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	60	30	30	40	160	0	0	0	0
#	3	TREE TRUNK PROTECTION	EACH	25	14	34	24	97	0	0	0	0
#	4	TREE ROOT PRUNING	EACH	12	7	17	12	48	0	0	0	0
#	5	TREE PRUNING	EACH	12	7	17	12	48	0	0	0	0
	6	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	220	55	375	350	1000	60	60	0	50
	7	POROUS GRANULAR EMBANKMENT	CU YD	220	55	375	350	1000	60	60	0	50
#	8	TRENCH BACKFILL	CU YD	175	75	75	125	450	0	0	0	0
#	9	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	3300	1050	3730	3490	11570	1750	1750	1000	1430
#	10	SODDING	SQ YD	1400	900	1900	1400	5600	90	90	120	50
	11	SUPPLEMENTAL WATERING	UNIT	25	10	20	25	80	5	5	5	5
#	12	INLET FILTERS	EACH	11	2	15	14	42	5	5	1	1
	13	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	3300	1050	3730	3490	11570	1750	0	0	1430
#	14	BITUMINOUS MATERIALS (TACK COAT)	POUND	785	250	885	825	2745	415	0	20	340
	15	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	780	250	880	820	2730	415	0	0	340
	16	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	390	125	440	410	1365	210	0	5	170
#	17	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	265	80	320	135	800	0	0	0	0
#	18	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	30	45	75	0	150	0	1750	1000	0
#	19	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	4500	1700	5750	6000	17950	200	200	250	0
#	20	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	700	350	350	0	1400	200	200	400	0
#	21	DETECTABLE WARNINGS	SQ FT	80	0	0	120	200	0	0	0	0
#	22	PAVEMENT REMOVAL	SQ YD	3420	1050	3730	3490	11690	1750	1750	0	1430
	23	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	5	0	0	0	5	0	0	35	0
#	24	DRIVEWAY PAVEMENT REMOVAL	SQ YD	480	325	645	300	1750	0	0	1000	0
#	25	CURB REMOVAL	FOOT	0	0	0	0	0	80	80	0	0
#	26	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2330	860	1950	2400	7540	0	0	225	55
#	27	SIDEWALK REMOVAL	SQ FT	5050	2100	6310	6070	19530	400	400	650	0
#	28	AGGREGATE SHOULDERS, TYPE A	SQ YD	0	0	0	0	0	0	0	0	200
#	29	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	4	2	6	8	20	0	0	0	0
#	30	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	0	0	0	0	0	2	2	0	0
#	31	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	0	1	0	0	1	0	0	0	0
	32	VALVE BOXES TO BE ADJUSTED	EACH	0	0	1	1	2	0	0	0	0
	33	FRAMES AND GRATES, TYPE 11	EACH	1	1	2	3	7	0	0	0	0
	34	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	0	0	0	0	0	2	2	0	0
	35	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	1	0	2	2	5	0	0	0	0
#	36	CONCRETE CURB, TYPE B	FOOT	0	0	0	0	0	360	110	0	0
#	37	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-4.12	FOOT	0	0	1075	0	1075	0	0	0	55
#	38	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2330	860	875	2400	6465	0	0	225	0
	39	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	0	0	0	0	0	5	0	0	0
	40	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	0	0	0	0	0	1300	0	0	700
	41	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	250	0	340	310	900	0	0	0	0
	42	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	24	11	70	40	145	0	0	0	11
	43	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	0	0	0	0	0	0	5	0	0
	44	PAINT PAVEMENT MARKING - LINE 4"	FOOT	0	0	0	0	0	0	1300	0	0
#	45	EXPLORATION TRENCH, SPECIAL	FOOT	60	40	40	60	200	0	0	0	0
#	46	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	28	10	35	21	94	0	0	0	0
#	47	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	4	2	2	0	8	1	1	1	1
#	48	TEMPORARY ACCESS (ROAD)	EACH	4	2	7	7	20	0	0	0	0
#	49	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	0.25	0.25	0.25	0.25	1	1	1	1	1
#	50	CONSTRUCTION LAYOUT	L SUM	0.25	0.25	0.25	0.25	1	1	1	1	1
#	51	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	13	1	14	16	44	3	3	2	0
#	52	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	EACH	4	1	1	1	7	0	0	0	0
#	53	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"	SQ YD	135	170	250	165	720	0	0	0	0
#	54	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"	SQ YD	50	30	0	0	80	0	0	0	0
#	55	BRICK DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	15	10	0	5	30	0	0	0	0
#	56	BRICK PAVER REMOVAL	SQ YD	0	0	0	10	10	0	0	0	0
#	57	STRUCTURE TO BE REMOVED	EACH	0	0	0	1	1	0	0	0	0
#	58	STORM SEWERS, CLASS B (PVC), 6"	FOOT	50	50	50	50	200	0	0	0	0
#	59	SANITARY MANHOLE, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	0	0	0	2	0	0	0	0
#	60	SANITARY SERVICE CONNECTION	EACH	6	2	2	4	14	0	0	0	0
#	61	SANITARY SERVICE REPLACEMENT	FOOT	150	50	50	100	350	0	0	0	0
#	62	SANITARY SEWER SERVICE COMBINATION CLEANOUT CHECK VALVE	EACH	6	2	2	4	14	0	0	0	0
#	63	WATER SERVICE CONNECTION (LONG), 1"	EACH	2	2	2	4	10	0	0	0	0
#	64	WATER SERVICE CONNECTION (SHORT), 1"	EACH	2	2	2	4	10	0	0	0	0
#	65	WATER USAGE CREDIT	TGAL	25	25	25	25	100	100	100	100	100
#	66	WATER USAGE DEDUCTION	TGAL	25	25	25	25	100	100	100	100	100
#	67	PRE-CONSTRUCTION VIDEO RECORDING	L SUM	0.25	0.25	0.25	0.25	1	1	1	1	1
#	68	CONTINGENCY ALLOWANCE	DOLLARS	12500	12500	12500	12500	50000	5000	5000	5000	5000

INDICATES SPECIAL PROVISION

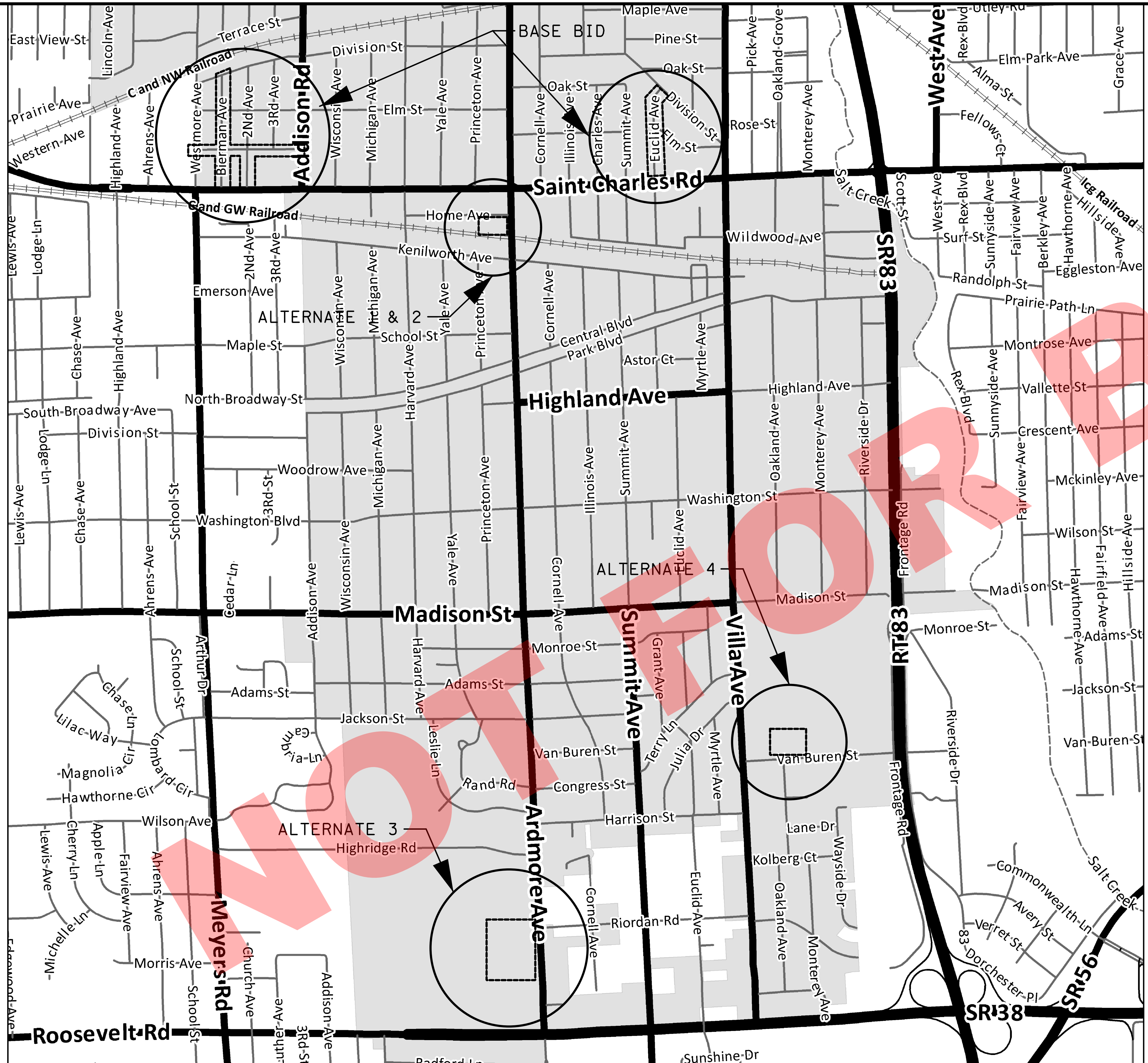
CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

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\IN\CIVIL\S00_140092_0001.SHT			

TITLE: **2018 STREET IMPROVEMENTS SUMMARY OF QUANTITIES**

PROJ. NO. 140092.00011
 DATE: 8/3/2018
 SHEET 3 OF 34
 DRAWING NO. **3**



LEGEND

- 2018 STREET IMPROVEMENTS LOCATIONS
- VILLAGE LIMITS

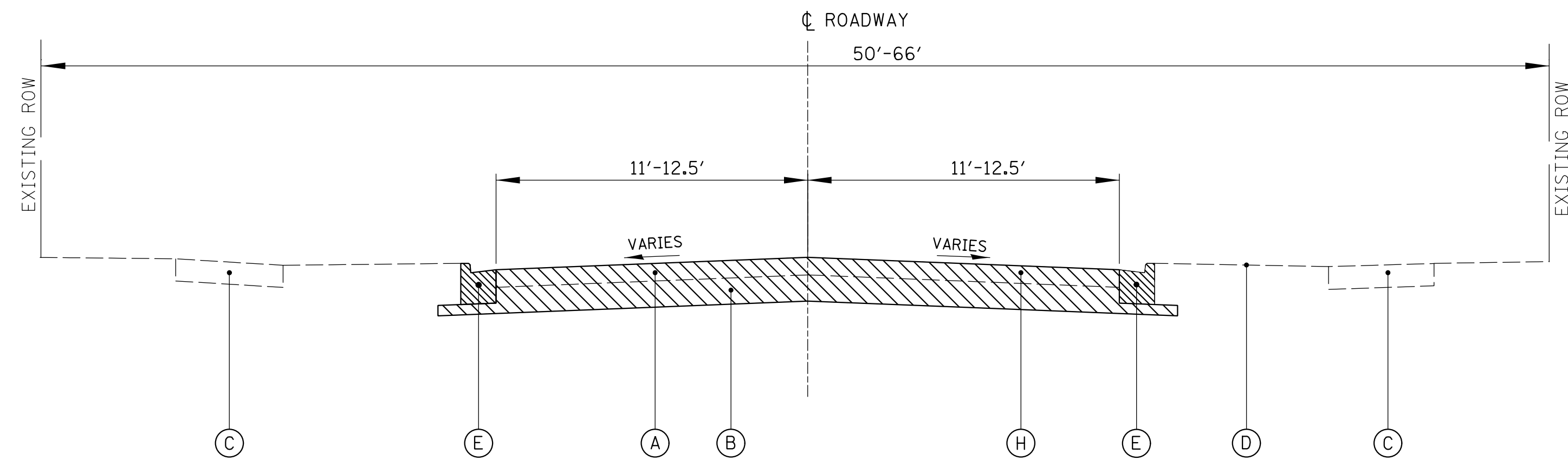
- BASE BID:**
- STREET/
PROJECT LOCATION:
EUCLID AVENUE
SECOND AVENUE
BIERMANN AVENUE
HOLLY COURT
- LIMITS:
ST. CHARLES RD. TO DIVISION ST.
ST. CHARLES RD. TO HOLLY CT.
ST. CHARLES RD. TO DIVISION ST.
WESTMORE AVE. TO ADDISON RD.
- ALTERNATE 1:**
- STREET/
PROJECT LOCATION:
VILLA PARK PUBLIC WORKS
PARKING LOT (HMA)
- LIMITS:
11 WEST HOME AVE.
- ALTERNATE 2:**
- STREET/
PROJECT LOCATION:
VILLA PARK PUBLIC WORKS
PARKING LOT (PCC)
- LIMITS:
11 WEST HOME AVE.
- ALTERNATE 3:**
- STREET/
PROJECT LOCATION:
VILLA PARK FIRE STATION
DRIVEWAY
- LIMITS:
1440 ARDMORE AVE.
- ALTERNATE 4:**
- STREET/
PROJECT LOCATION:
SUGAR CREEK GOLF COURSE
PARKING LOT
- LIMITS:
500 E VAN BUREN ST.

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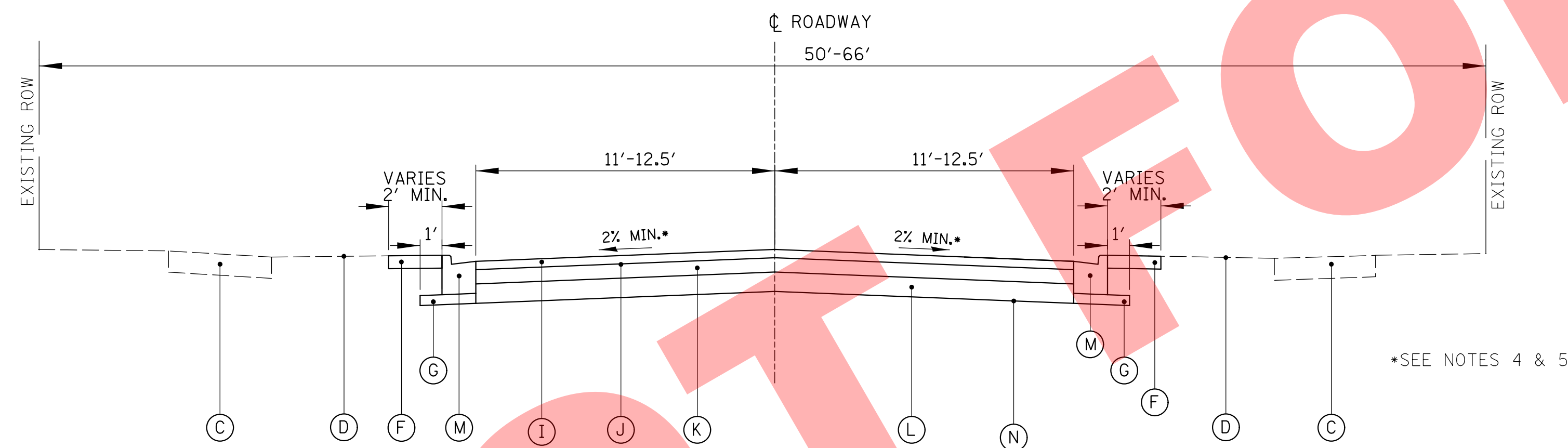
CLIENT: **VILLAGE OF VILLA PARK**
20 S. Ardmore Ave.
Villa Park, IL 60181-2696

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:
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TITLE:	2018 STREET IMPROVEMENTS LOCATION MAP
PROJECT NO.	140092.0001
DATE:	8/3/2018
SHEET	4 OF 34
DRAWING NO.	4



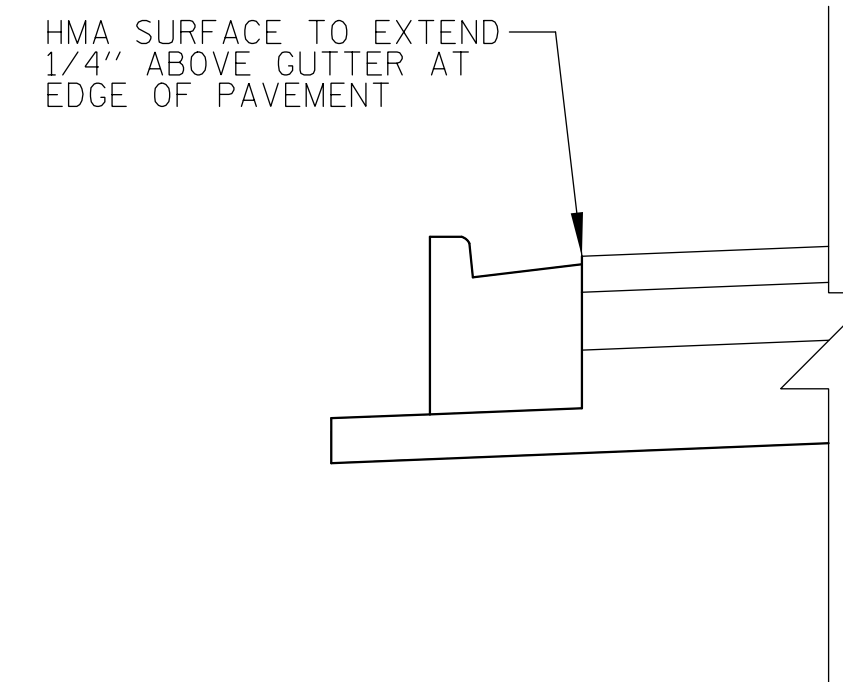
EXISTING TYPICAL SECTION
 EUCLID AVENUE (ST. CHARLES ROAD – DIVISION STREET)
 SECOND AVENUE (ST. CHARLES ROAD – HOLLY COURT)
 BIERMANN AVENUE (ST. CHARLES ROAD – DIVISION STREET)
 HOLLY COURT (WESTMORE AVENUE – ADDISION ROAD)



PROPOSED TYPICAL SECTION
 EUCLID AVENUE (ST. CHARLES ROAD – DIVISION STREET)
 SECOND AVENUE (ST. CHARLES ROAD – HOLLY COURT)
 BIERMANN AVENUE (ST. CHARLES ROAD – DIVISION STREET)
 HOLLY COURT (WESTMORE AVENUE – ADDISION ROAD)

PAVEMENT RECONSTRUCTION

HMA SURFACE DETAIL



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

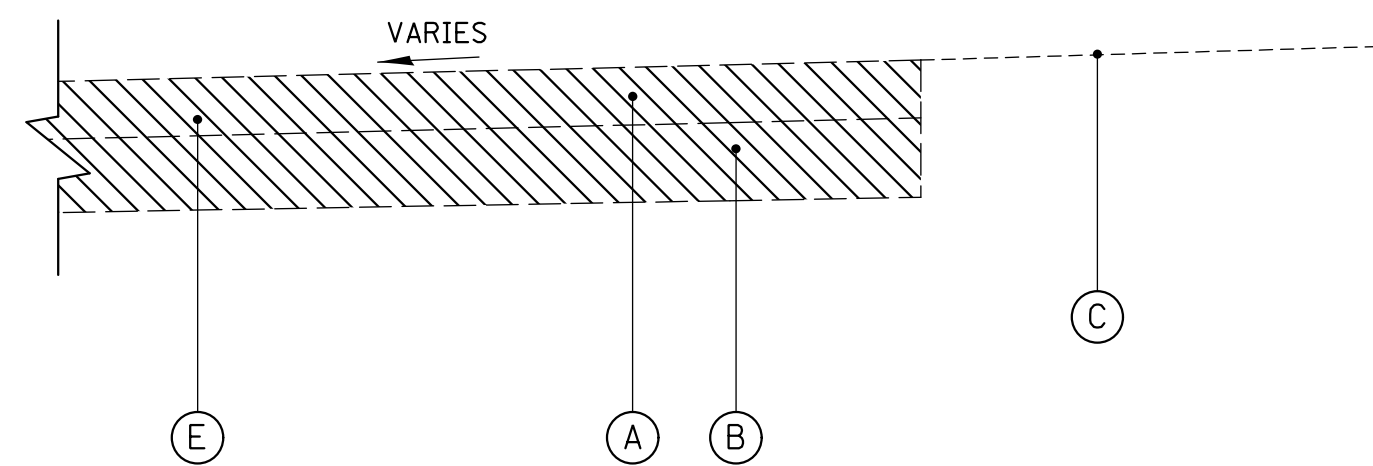
- NOTES:
1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP AND RAS" SEE DISTRICT ONE SPECIAL PROVISIONS.

LEGEND:

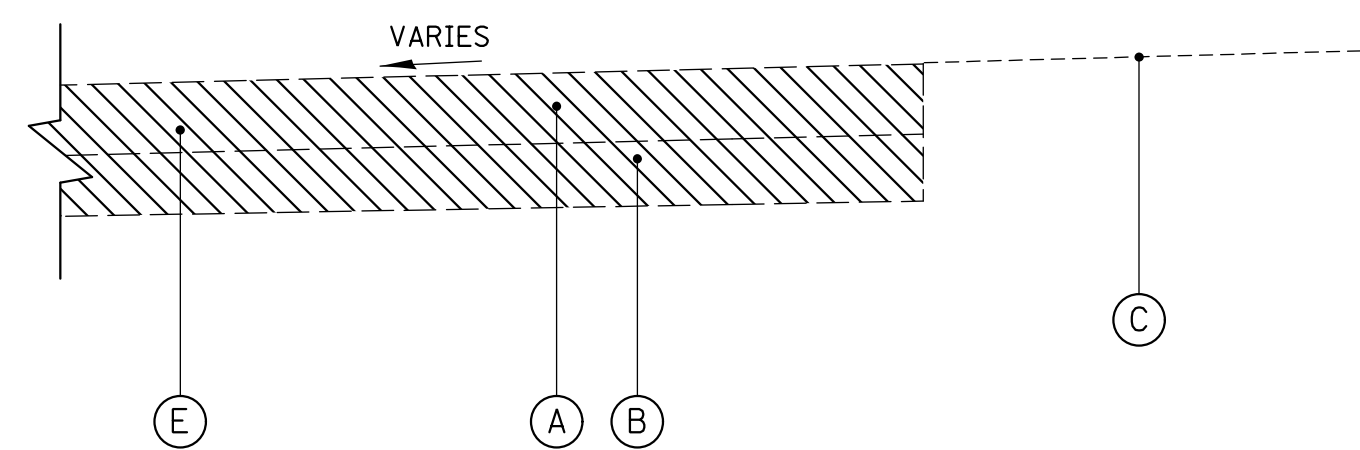
- (A) EXISTING HMA PAVEMENT (SEE PAVEMENT CORES FOR THICKNESS)
- (B) EXISTING PCC OR STONE SUBBASE (SEE PAVEMENT CORES FOR THICKNESS)
- (C) EXISTING CONCRETE SIDEWALK OR SIDEWALK REPLACEMENT (AS DIRECTED BY ENGINEER)
- (D) EXISTING TOPSOIL AND GROUND COVER
- (E) COMBINATION CURB AND GUTTER REMOVAL
- (F) SODDING
- (G) SUB-BASE GRANULAR MATERIAL (CA-6), 4" (INCLUDED IN COST OF PROPOSED CURB & GUTTER)
- (H) PAVEMENT REMOVAL
- (I) HMA SURFACE COURSE, MIX "D", N50, 2"
- (J) BITUMINOUS MATERIAL (TACK COAT)
- (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 (SEE NOTES 2&3)
- (N) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

NOTES:

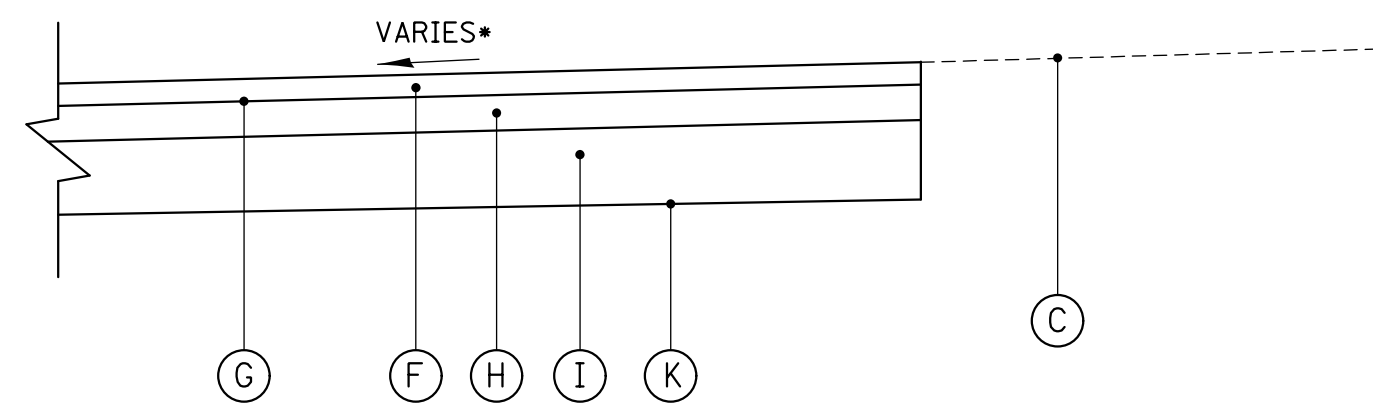
1. PAVEMENT REMOVAL INCLUDES REMOVAL OF ENTIRE PAVEMENT SECTION (INCLUDING STONE, EARTH, CLAY, ETC.) REQUIRED TO GET DOWN TO PROPER ELEVATION FOR INSTALLATION OF AGGREGATE BASE COURSE.
2. PROPOSED COMBINATION CONCRETE CURB AND GUTTER ON BIERMANN AVENUE BETWEEN HOLLY COURT AND DIVISION STREET SHALL BE TYPE B-4.12. ALL OTHER PROPOSED CURB AND GUTTER ON BIERMANN AVENUE SHALL BE TYPE B-6.12.
3. NO CURB AND GUTTER SHALL BE REMOVED ON THE EAST SIDE OF BIERMANN AVENUE FROM STA 10+80 TO STA 17+75 UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
4. FOR ROADWAYS WITH DIFFERING ELEVATIONS AT THE EDGE OF PAVEMENT, CONTRACTOR SHALL PAVE THE SIDE WITH THE HIGHER ELEVATION FIRST. WHEN GRADING THE AGGREGATE BASE AT THESE LOCATIONS, CONTRACTOR SHALL PROVIDE GRADE STAKES SHOWING FINISHED PAVEMENT GRADES AT 2% (MIN.) OFF HIGH SIDE (INCLUDED IN THE COST OF AGGREGATE BASE COURSE).
5. BIERMANN AVENUE (HOLLY COURT TO DIVISION STREET) AND HOLLY COURT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CROSS SECTIONS INCLUDED IN THESE PLANS.



EXISTING TYPICAL SECTION
VILLA PARK PUBLIC WORKS PARKING LOT (ALTERNATE 1)
SUGAR CREEK GOLF COURSE PARKING LOT

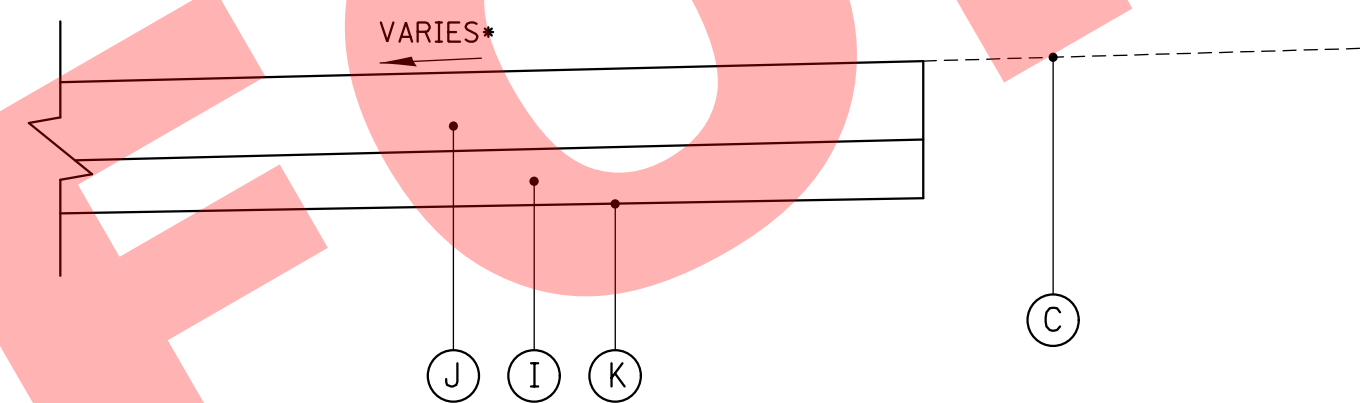


EXISTING TYPICAL SECTION
VILLA PARK PUBLIC WORKS PARKING LOT (ALTERNATE 2)
VILLA PARK FIRE STATION PARKING LOT



PROPOSED TYPICAL SECTION
VILLA PARK PUBLIC WORKS PARKING LOT (ALTERNATE 1)
SUGAR CREEK GOLF COURSE PARKING LOT

PAVEMENT RECONSTRUCTION (HMA)



PROPOSED TYPICAL SECTION
VILLA PARK PUBLIC WORKS PARKING LOT (ALTERNATE 2)
VILLA PARK FIRE STATION PARKING LOT

PAVEMENT RECONSTRUCTION (PCC)

*SEE NOTES 2 & 3

*SEE NOTES 2 & 3

LEGEND:

- (A) EXISTING HMA OR PCC PAVEMENT (SEE PAVEMENT CORES FOR THICKNESS)
- (B) EXISTING PCC OR STONE SUBBASE (SEE PAVEMENT CORES FOR THICKNESS)
- (C) EXISTING TOPSOIL AND GROUND COVER
- (D) SODDING (NOT SHOWN)
- (E) PAVEMENT REMOVAL (DRIVEWAY PAVEMENT REMOVAL FOR FIRE STATION DRIVEWAY)
- (F) HMA SURFACE COURSE, MIX "D", N50, 2"
- (G) BITUMINOUS MATERIAL (TACK COAT)
- (H) HMA BINDER COURSE, IL-19.0, N50 4"
- (I) AGGREGATE BASE COURSE, TYPE B, 6" (SEE NOTE 4)
- (J) PCC DRIVEWAY PAVEMENT 8"
- (K) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

NOTES:

1. PAVEMENT REMOVAL: INCLUDES REMOVAL OF ENTIRE PAVEMENT SECTION (INCLUDING STONE, CLAY, ETC.) REQUIRED TO GET DOWN TO PROPER ELEVATION FOR INSTALLATION OF AGGREGATE BASE COURSE.
2. VILLAGE OF VILLA PUBLIC WORKS PARKING LOT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GRADING PLAN INCLUDED IN THESE PLANS.
3. THE SUGAR CREEK GOLF COURSE PARKING LOT AND VILLA PARK FIRE STATION DRIVEWAY SHALL BE RECONSTRUCTED TO MATCH EXISTING DRAINAGE PATTERNS. CONTRACTOR TO VERIFY POSITIVE DRAINAGE PRIOR TO INSTALLING THE FINAL PAVEMENT SURFACE.
4. AGGREGATE BASE COURSE INSTALLED BENEATH PROPOSED PCC DRIVEWAY PAVEMENT SHALL BE INCLUDED IN THE COST OF THE PCC DRIVEWAY PAVEMENT.

LOCATIONS:

- ALTERNATE 1:**
 VILLA PARK PUBLIC WORKS PARKING LOT (HMA)
- ALTERNATE 2:**
 VILLA PARK PUBLIC WORKS PARKING LOT (PCC)
- ALTERNATE 3:**
 VILLA PARK FIRE STATION DRIVEWAY
- ALTERNATE 4:**
 SUGAR CREEK GOLF COURSE PARKING LOT

CLIENT:



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

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:
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FILE NAME	N:\VILLAPARK\140092.000\IN\CIV\TYP_140092_000I_02.sht			

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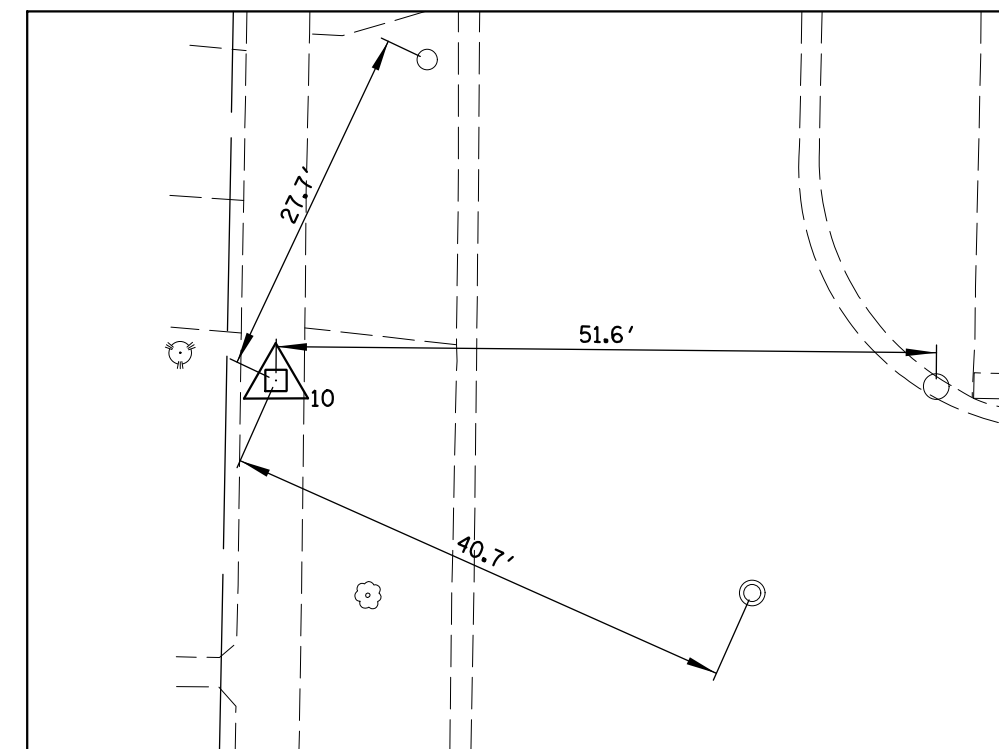
**2018 STREET IMPROVEMENTS
 TYPICAL SECTIONS**

PROJ. NO. 140092.00011

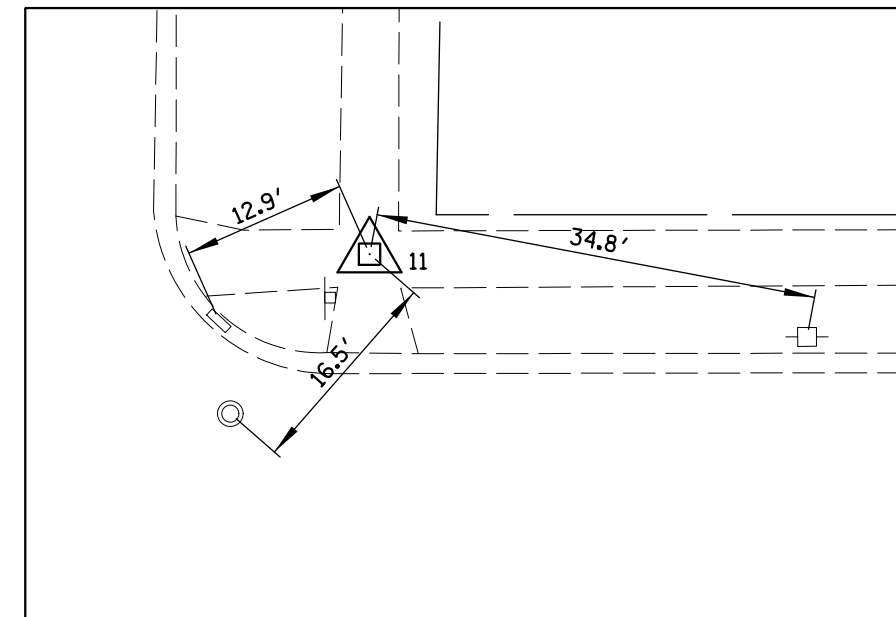
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SHEET 6 OF 34

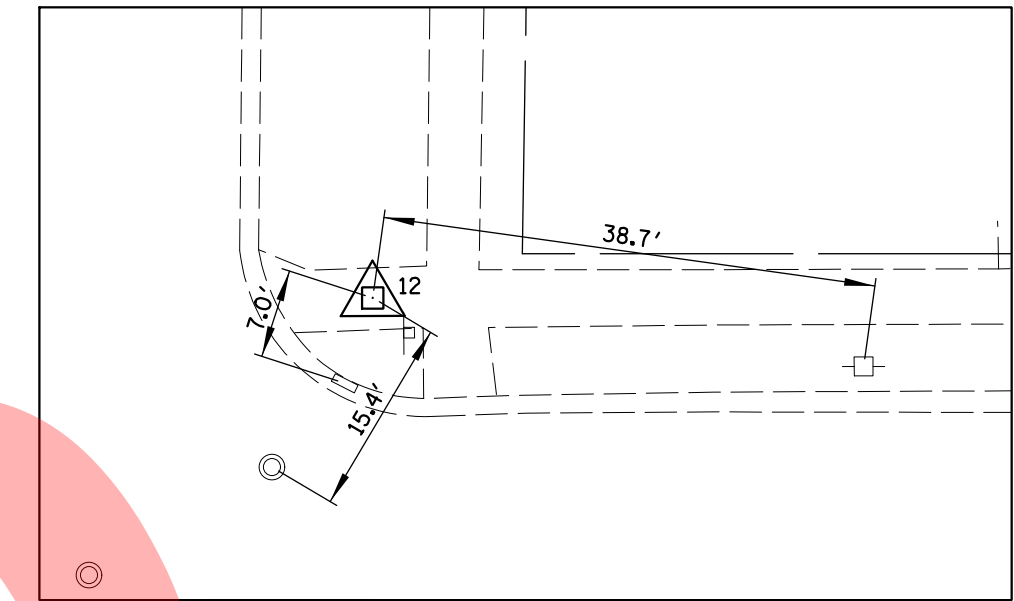
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CP#10



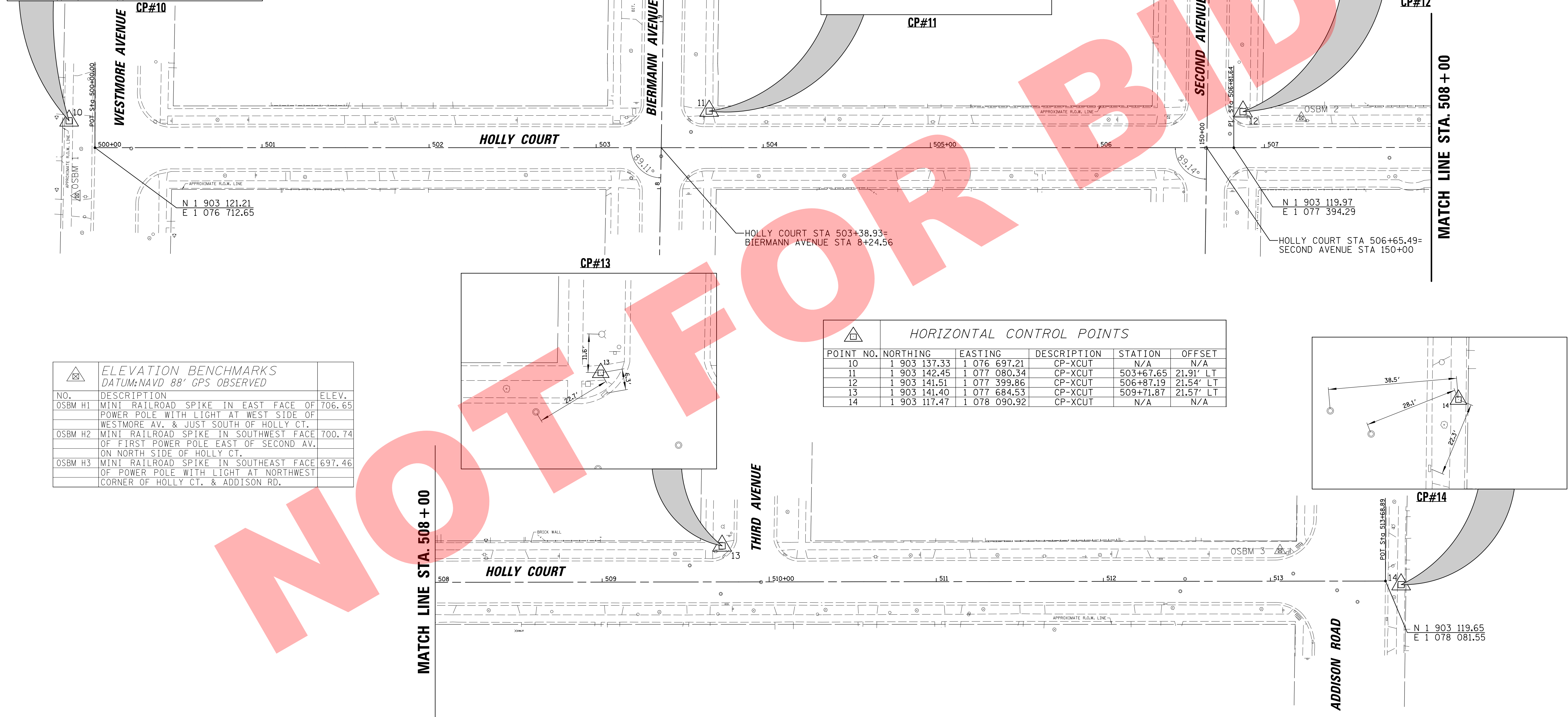
CP#11



CP#12

SEE SHEET 8 FOR BIERMANN AVENUE
MATCH LINE STA. 9+50

MATCH LINE STA. 508+00



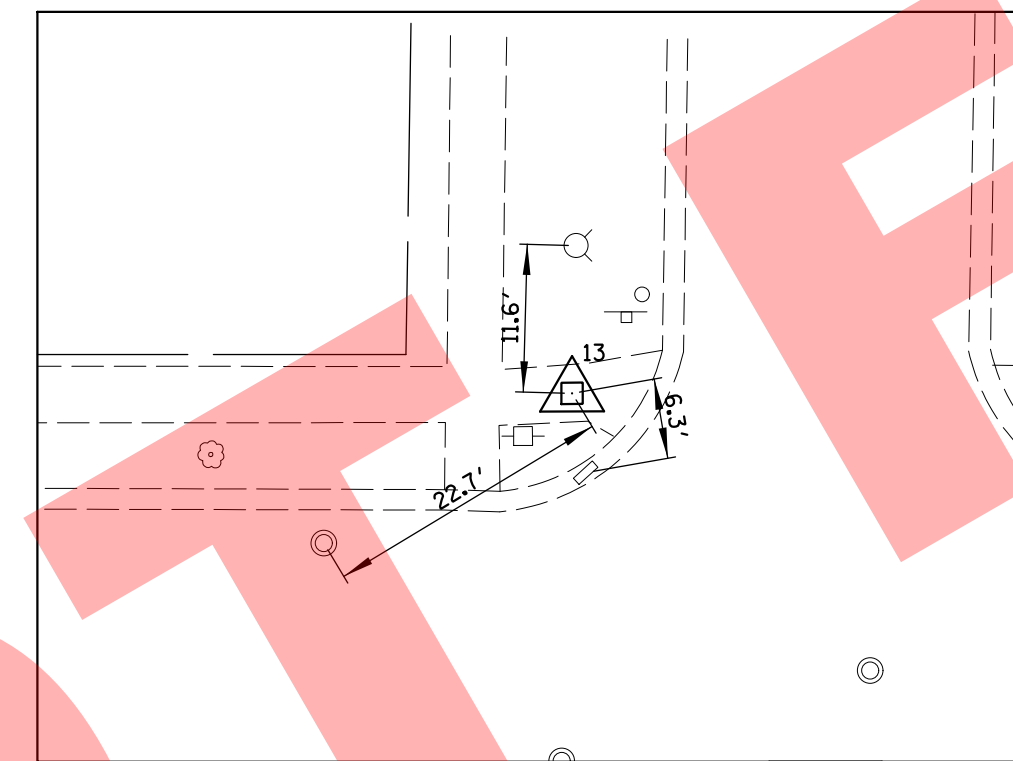
N 1 903 121.21
E 1 076 712.65

HOLLY COURT STA 503+38.93=
BIERMANN AVENUE STA 8+24.56

N 1 903 119.97
E 1 077 394.29

HOLLY COURT STA 506+65.49=
SECOND AVENUE STA 150+00

CP#13

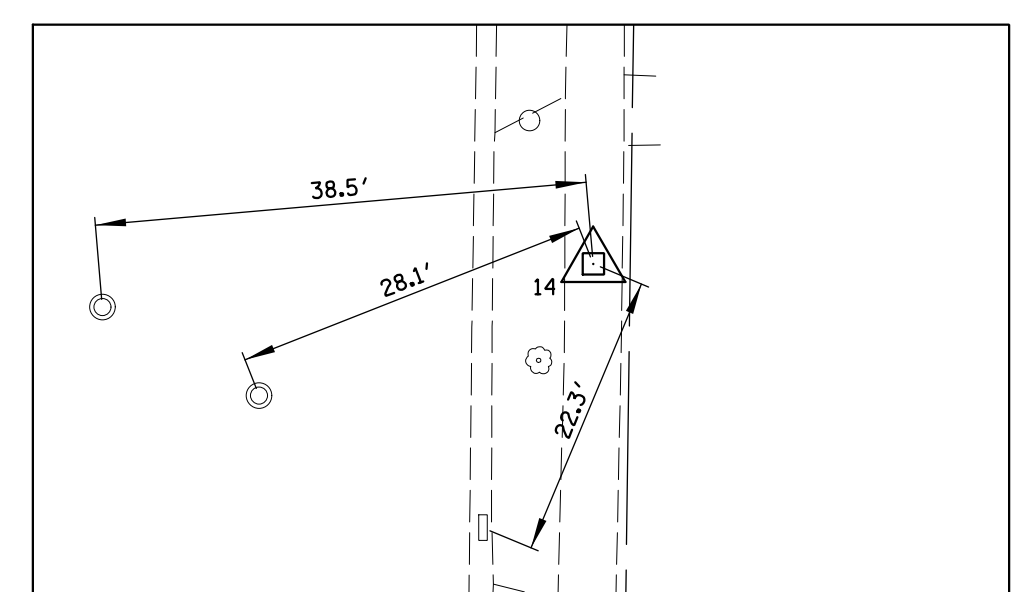


HORIZONTAL CONTROL POINTS						
POINT NO.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET	
10	1 903 137.33	1 076 697.21	CP-XCUT	N/A	N/A	
11	1 903 142.45	1 077 080.34	CP-XCUT	503+67.65	21.91' LT	
12	1 903 141.51	1 077 399.86	CP-XCUT	506+87.19	21.54' LT	
13	1 903 141.40	1 077 684.53	CP-XCUT	509+71.87	21.57' LT	
14	1 903 117.47	1 078 090.92	CP-XCUT	N/A	N/A	

ELEVATION BENCHMARKS DATUM: NAVD 88' GPS OBSERVED		
NO.	DESCRIPTION	ELEV.
OSBM H1	MINI RAILROAD SPIKE IN EAST FACE OF POWER POLE WITH LIGHT AT WEST SIDE OF WESTMORE AV. & JUST SOUTH OF HOLLY CT.	706.65
OSBM H2	MINI RAILROAD SPIKE IN SOUTHWEST FACE OF FIRST POWER POLE EAST OF SECOND AV. ON NORTH SIDE OF HOLLY CT.	700.74
OSBM H3	MINI RAILROAD SPIKE IN SOUTHEAST FACE OF POWER POLE WITH LIGHT AT NORTHWEST CORNER OF HOLLY CT. & ADDISON RD.	697.46

MATCH LINE STA. 508+00

CP#14



N 1 903 119.65
E 1 078 081.55

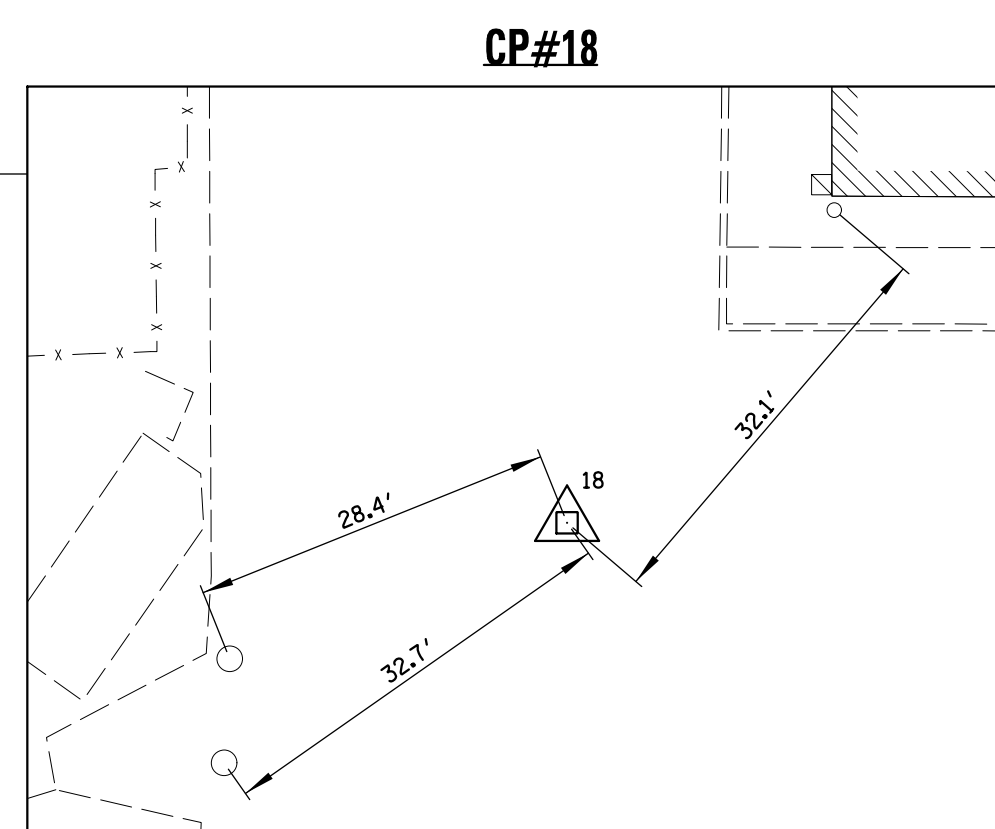
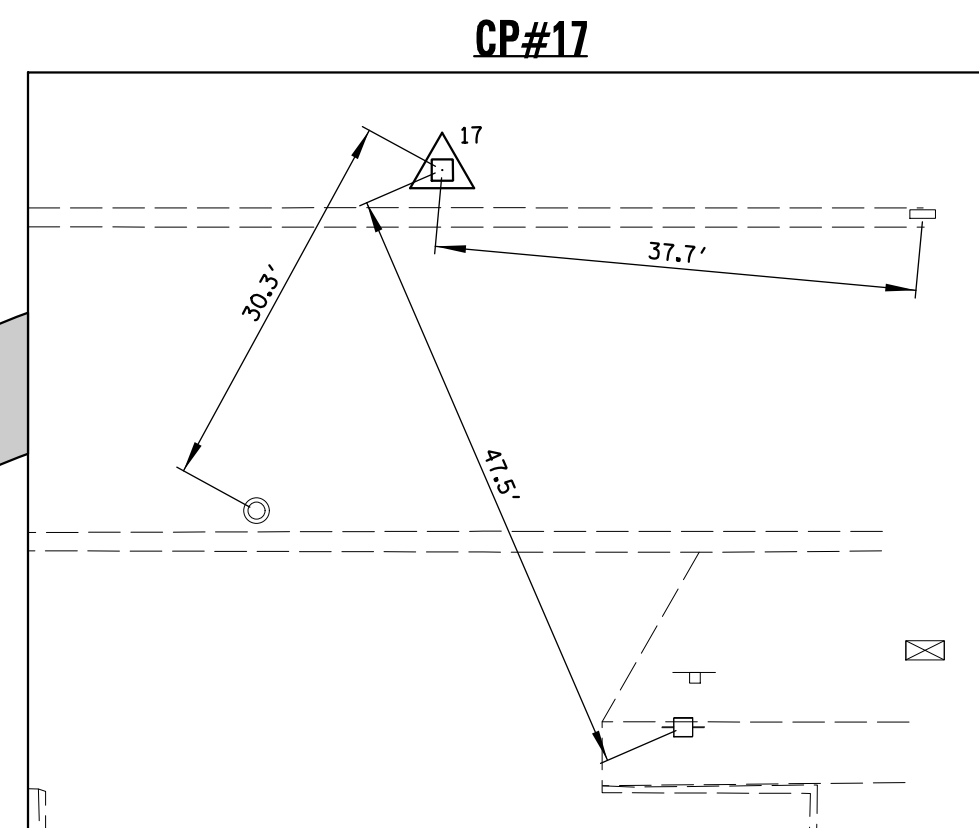
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9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

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20 S. Ardmore Ave.
Villa Park, IL 60181-2696

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:
FILE NAME	N:\VILLAPARK\140092.000\IN\CIVIL\BNH\140092_000\01-HOL_SHT			

TITLE: **2018 STREET IMPROVEMENTS
ALIGNMENT, TIES, AND BENCHMARKS
HOLLY COURT**

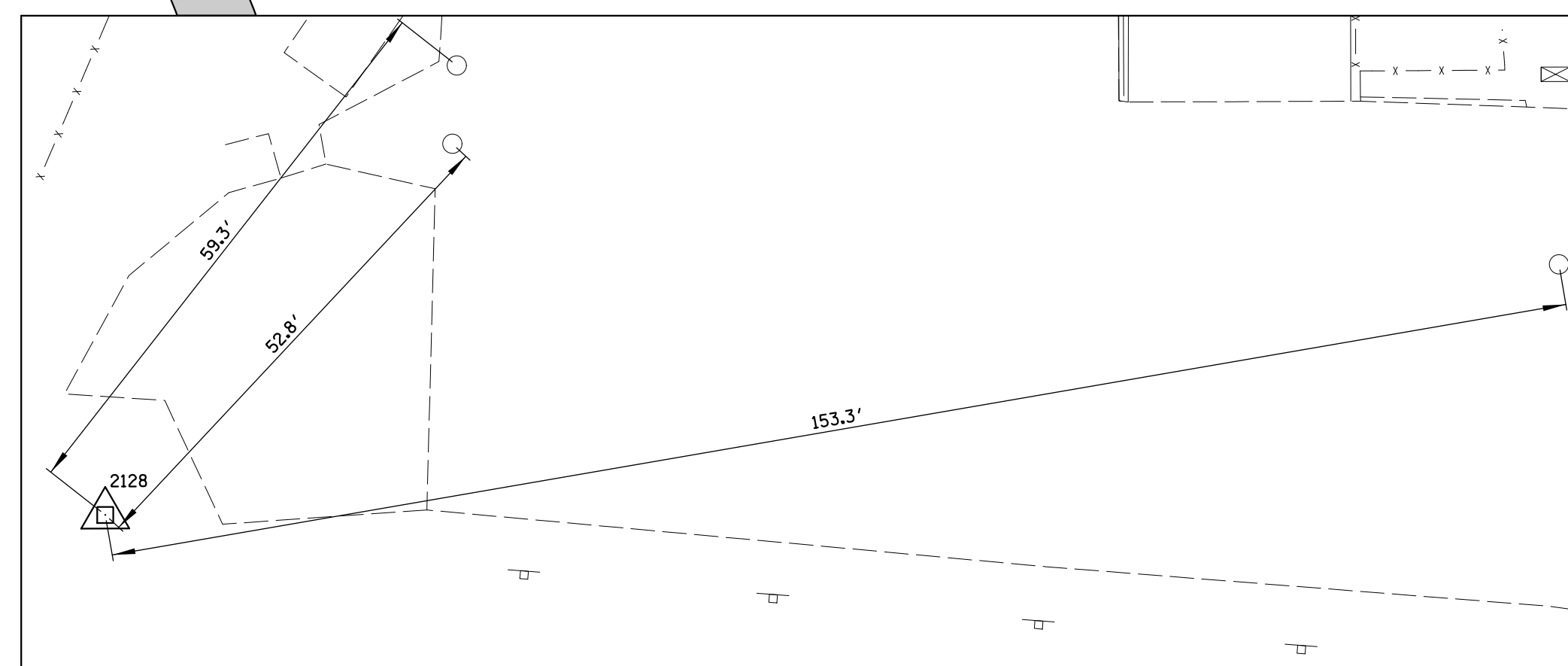
PROJ. NO. 140092.00011
DATE: 8/3/2018
SHEET 7 OF 34
DRAWING NO. **7**



HOME AVENUE

ARDMORE AVENUE

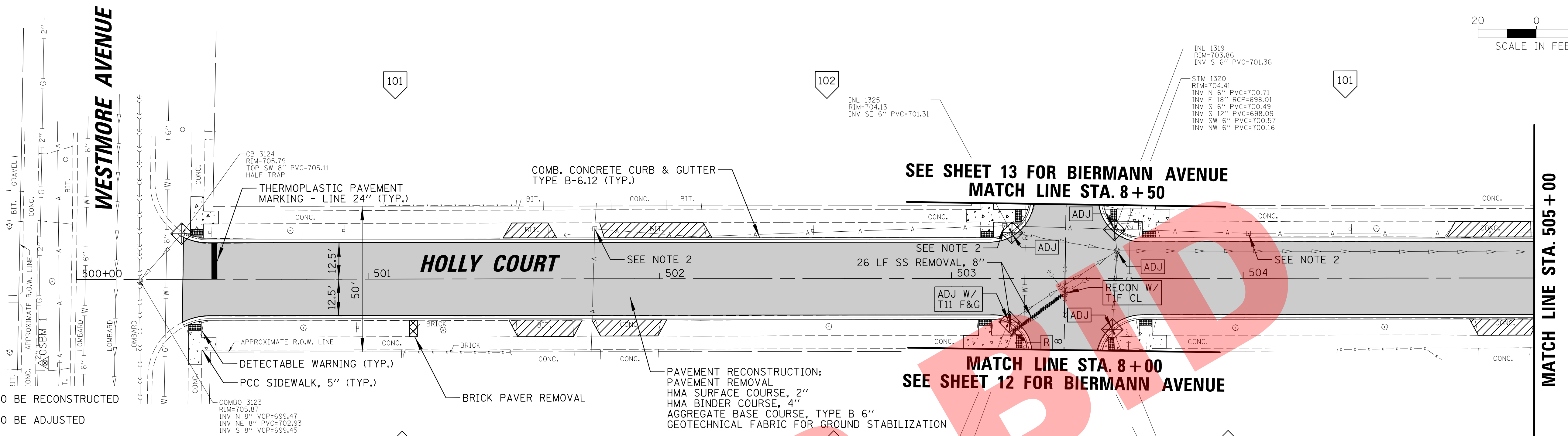
CP#2128



ELEVATION BENCHMARKS DATUM: NAVD 88' GPS OBSERVED		
NO.	DESCRIPTION	ELEV.
OSBM H5	MINI RAILROAD SPIKE IN FRIST POWER POLE WITH LIGHT WEST OF ARDMORE AV. ON SOUTH SIDE OF HOME AV.	695.42

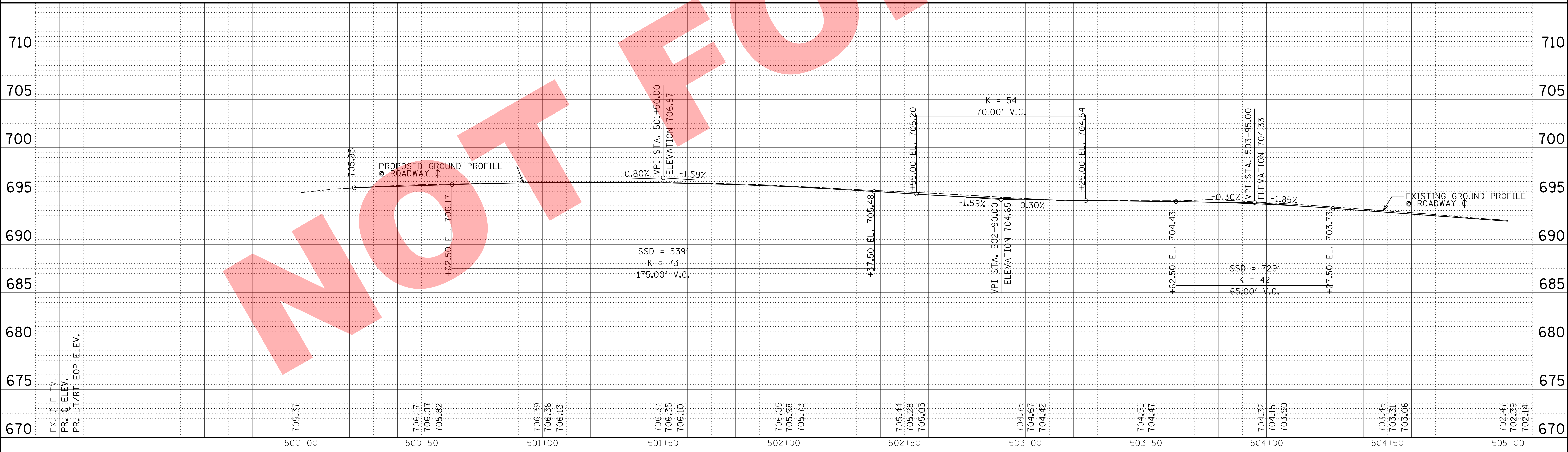
HORIZONTAL CONTROL POINTS			
POINT NO.	NORTHING	EASTING	DESCRIPTION
17	1 902 293.08	1 080 429.65	CP-PK
18	1 902 111.12	1 080 444.20	CP-PK
2128	1 902 053.95	1 080 381.23	CP-PK

NOT FOR BID



- LEGEND:**
- RECON DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED
 - ADJ DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
 - PAVEMENT RECONSTRUCTION (SEE TYPICAL SECTIONS)
 - DRIVEWAY PAVEMENT REPLACEMENT
 - DETECTABLE WARNING
 - INLET FILTER
 - COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
 - PCC SIDEWALK, 5 INCH

- NOTES:**
1. CONSTRUCTION LIMITS TO BE MARKED IN FIELD BY THE ENGINEER.
 2. CONTRACTOR RESPONSIBLE TO COORDINATE WITH COMED TO TEMPORARILY BRACE AND/OR PROTECT EXISTING UTILITY POLE (AS NECESSARY).



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20 S. Ardmore Ave.
Villa Park, IL 60181-2696

NO.	DATE	NATURE OF REVISION	CHKD.

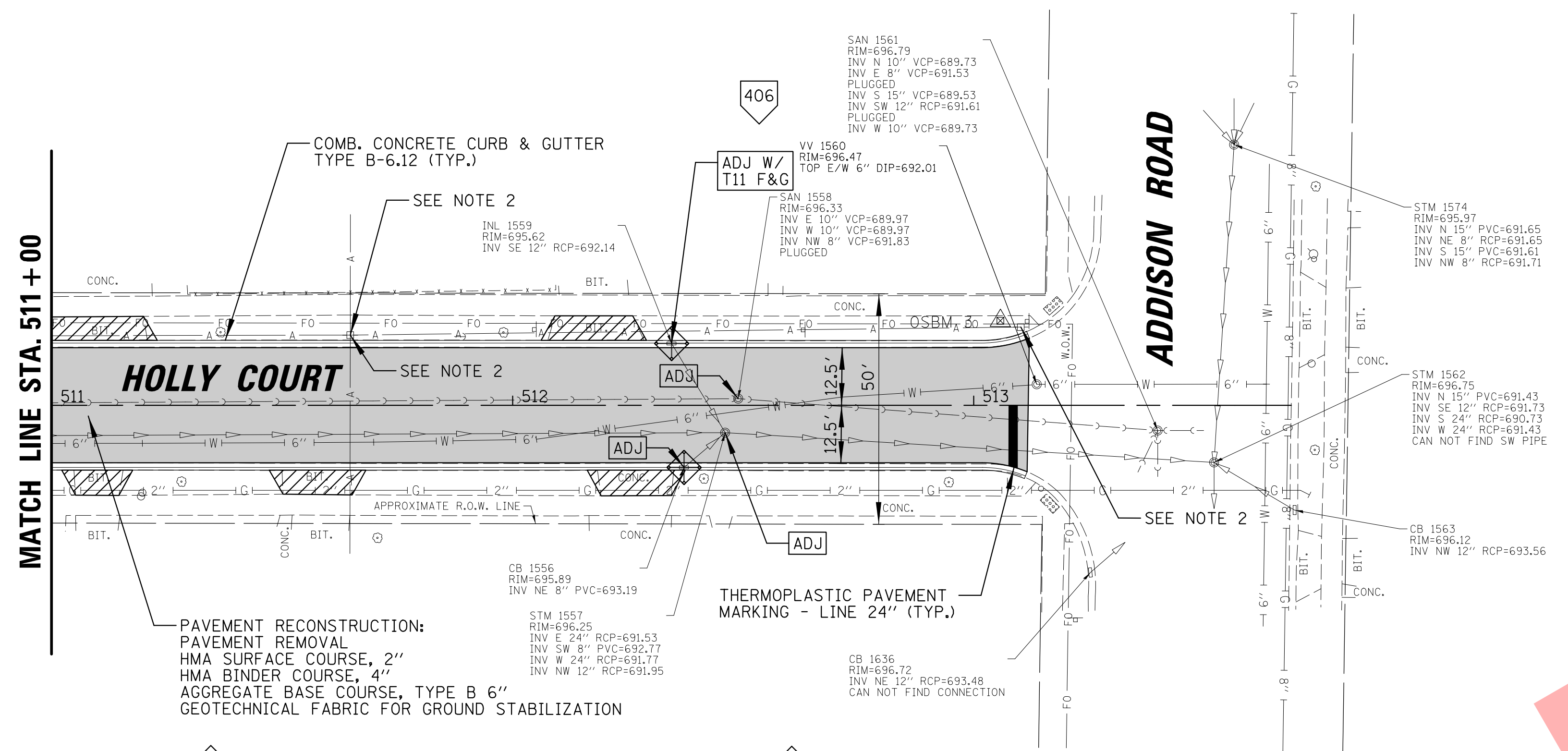
TITLE: **2018 STREET IMPROVEMENTS
PROPOSED ROADWAY PLAN & PROFILE
HOLLY COURT**

PROJECT NO. 140092.00011
DATE: 8/3/2018
SHEET 15 OF 34
DRAWING NO. **15**

MATCH LINE STA. 511 + 00

411

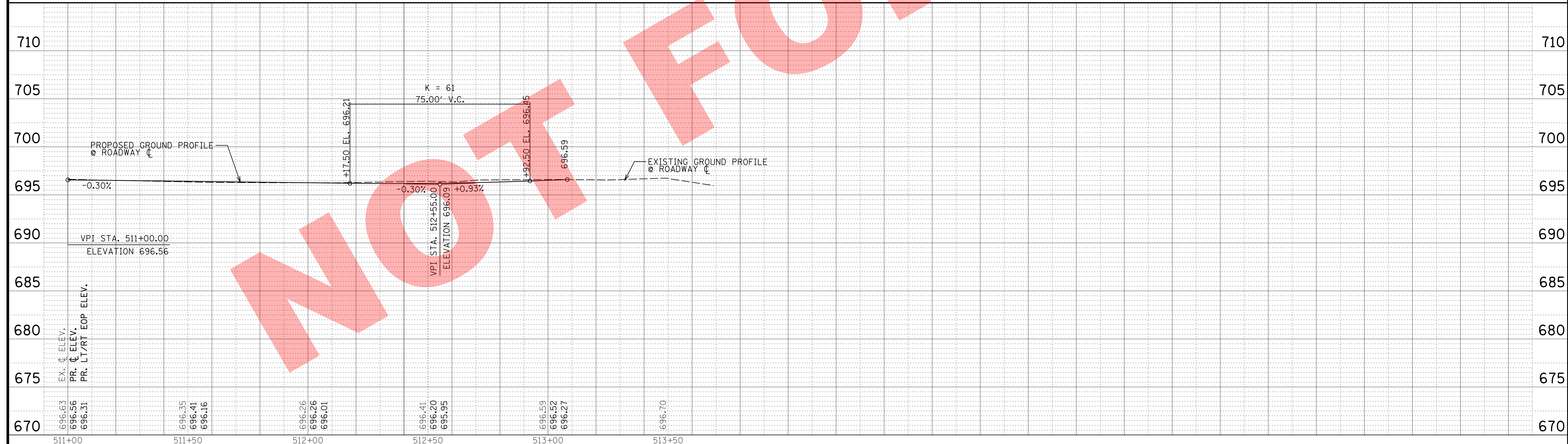
38



- LEGEND:
- RECON DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED
 - ADJ DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
 - PAVEMENT RECONSTRUCTION (SEE TYPICAL SECTIONS)
 - DRIVEWAY PAVEMENT REPLACEMENT
 - DETECTABLE WARNING
 - INLET FILTER
 - COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
 - PCC SIDEWALK, 5 INCH



- NOTES:
1. CONSTRUCTION LIMITS TO BE MARKED IN FIELD BY THE ENGINEER.
 2. CONTRACTOR RESPONSIBLE TO COORDINATE WITH COMED TO TEMPORARILY BRACE AND/OR PROTECT EXISTING UTILITY POLE (AS NECESSARY).



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NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:
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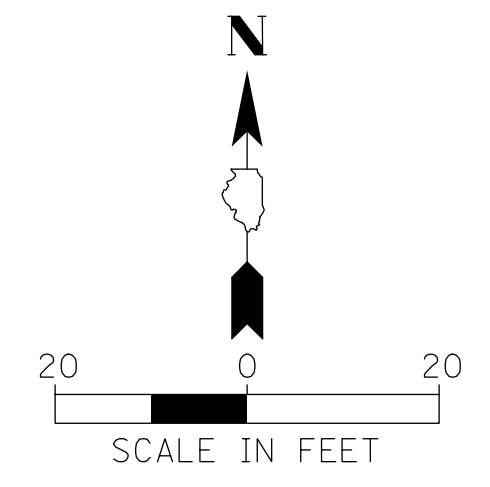
TITLE: **2018 STREET IMPROVEMENTS
 PROPOSED ROADWAY PLAN & PROFILE
 HOLLY COURT**

PROJ. NO. 140092.00011
 DATE: 8/3/2018
 SHEET 17 OF 34
 DRAWING NO.
17

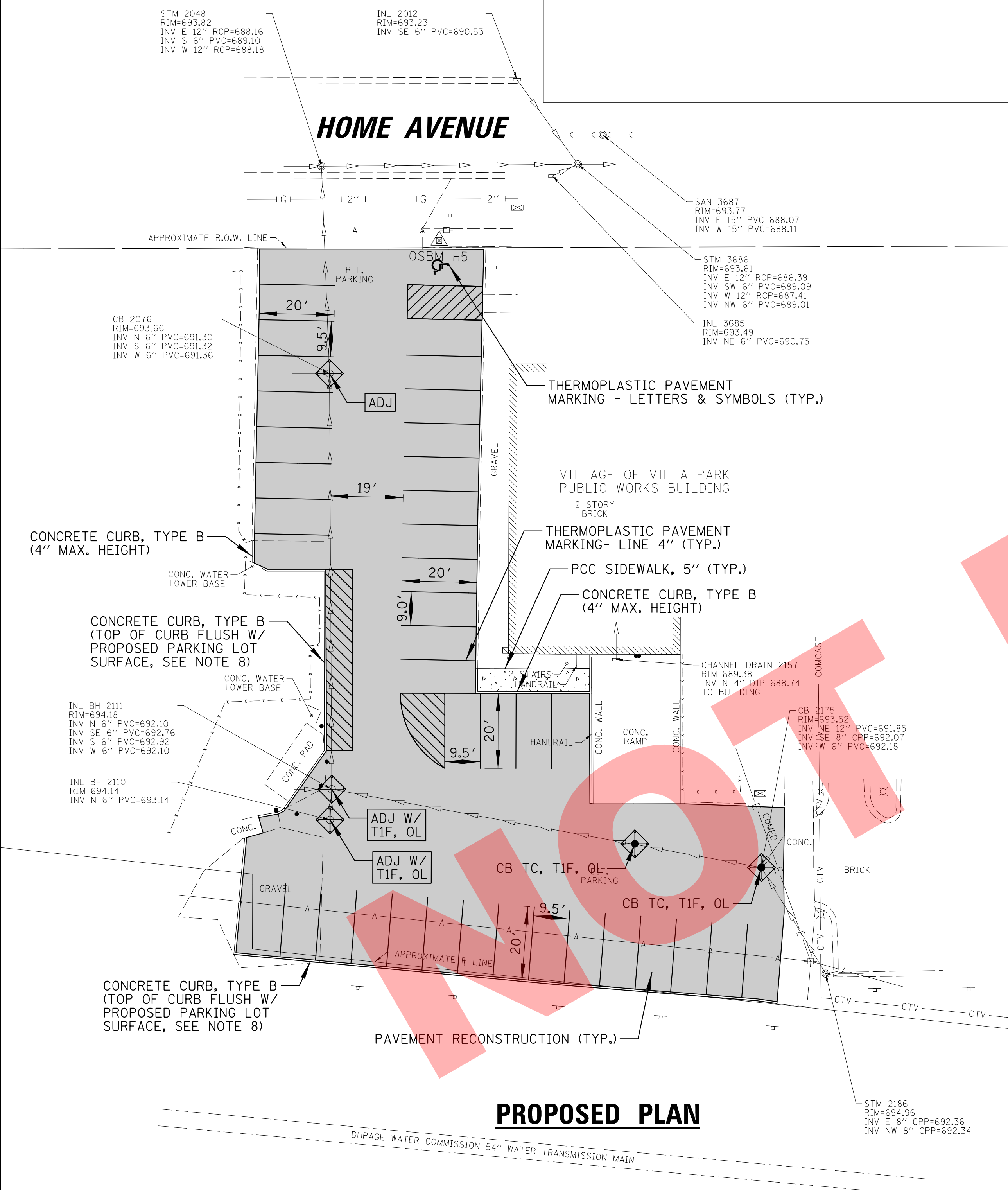
LEGEND:

	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED
	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
	PAVEMENT RECONSTRUCTION (SEE TYPICAL SECTIONS)
	DETECTABLE WARNING
	INLET FILTER
	PROPOSED GRADE POINT
	PROPOSED PAVEMENT SLOPE

- NOTES:**
- CONSTRUCTION LIMITS TO BE MARKED IN FIELD BY THE ENGINEER.
 - REMOVING EXISTING STRUCTURES WHERE A NEW STRUCTURE IS TO BE INSTALLED IN THE SAME LOCATION SHALL BE INCLUDED IN THE COST OF THE NEW STRUCTURE.
 - PAVEMENT MARKING LAYOUT SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
 - REMOVAL OF AGGREGATE SURFACE SHALL BE INCLUDED IN THE COST OF PAVEMENT REMOVAL.
 - CONTRACTOR SHALL PROTECT ALL WATER TOWER FOUNDATIONS AND EQUIPMENT AS NECESSARY DURING CONSTRUCTION.
 - THE VILLA PARK PUBLIC WORKS PARKING LOT WILL BE RECONSTRUCTED WITH EITHER HMA (ALTERNATE 1) OR PCC (ALTERNATE 2). SEE TYPICAL SECTIONS FOR MORE INFORMATION.
 - CONTRACTOR SHALL SUBMIT A CONCRETE JOINTING PLAN TO THE ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION IF ALTERNATE 2 IS SELECTED.
 - CONCRETE CURB, TYPE B INSTALLED FLUSH WITH THE PROPOSED PARKING LOT SURFACE SHALL ONLY BE INCLUDED FOR ALTERNATE 1. ALL OTHER CONCRETE CURB, TYPE B SHOWN SHALL BE INCLUDED IN ALTERNATE 1 AND 2.



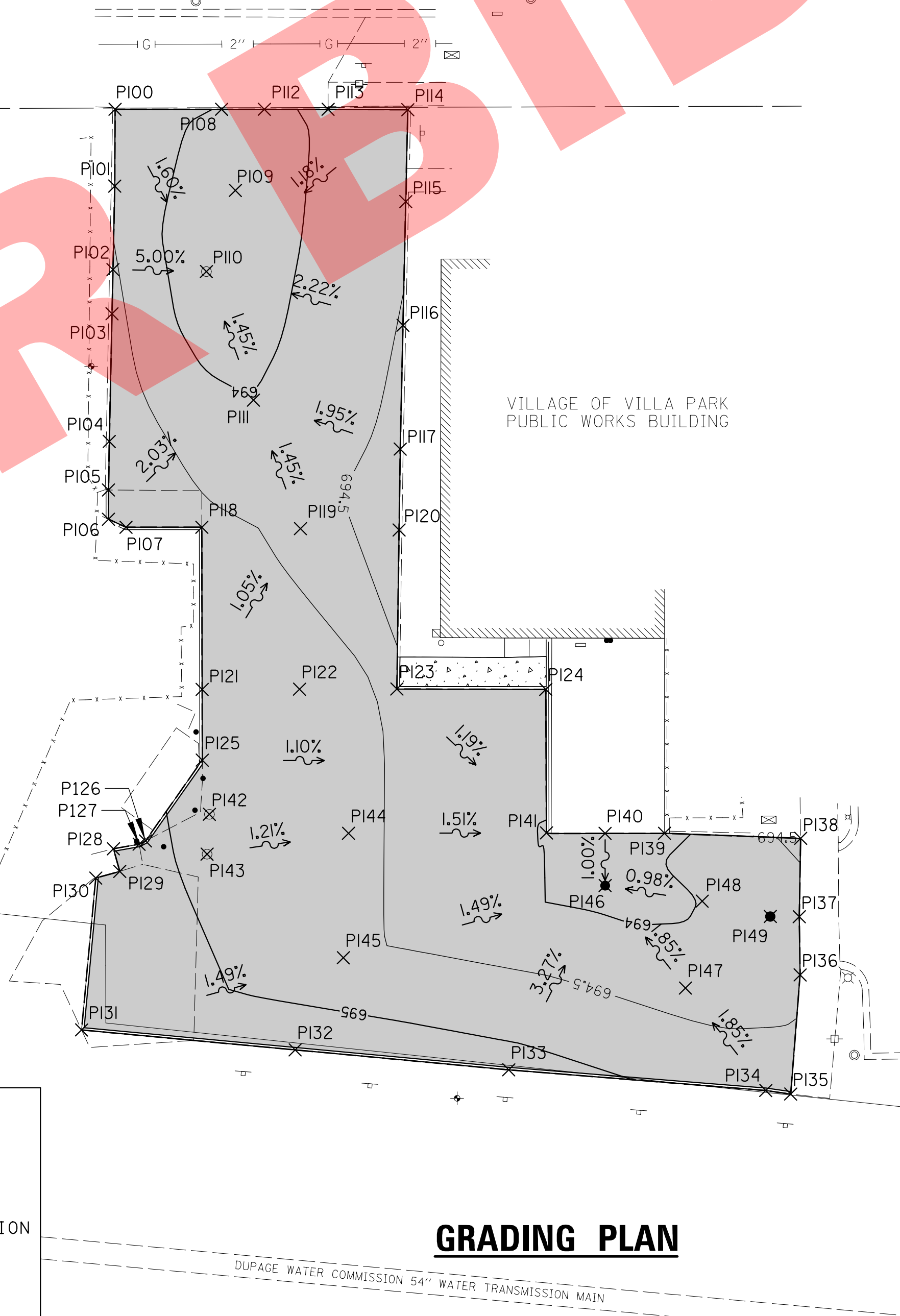
POINT #	NORTHING	EASTING	ELEVATION
P100	1902244.41	1080398.58	694.20
P101	1902228.74	1080398.51	694.40
P102	1902211.71	1080398.15	694.56
P103	1902202.69	1080397.96	694.64
P104	1902176.63	1080397.40	694.89
P105	1902166.73	1080397.24	694.78
P106	1902160.76	1080397.24	694.77
P107	1902159.12	1080400.81	694.73
P108	1902244.41	1080420.32	693.99
P109	1902227.86	1080423.14	693.77
P110 (EX. CB)	1902211.30	1080417.22	693.60
P111	1902185.07	1080426.82	694.01
P112	1902244.41	1080429.05	693.93
P113	1902244.41	1080442.06	694.07
P114	1902244.32	1080458.32	694.22
P115	1902225.57	1080457.90	694.43
P116	1902200.32	1080457.34	694.53
P117	1902175.07	1080456.77	694.62
P118	1902159.12	1080416.29	694.62
P119	1902158.84	1080436.41	694.41
P120	1902158.56	1080456.54	694.57
P121	1902126.03	1080416.35	694.82
P122	1902126.07	1080436.22	694.64
P123	1902126.11	1080456.09	694.47
P124	1902126.03	1080486.48	694.31
P125	1902111.59	1080416.38	694.91
P126	1902095.11	1080404.79	695.05
P127	1902094.43	1080403.49	695.16
P128	1902093.50	1080398.25	695.31
P129	1902088.89	1080399.54	695.22
P130	1902087.53	1080394.64	695.43
P131	1902056.54	1080391.74	695.47
P132	1902052.47	1080435.33	695.30
P133	1902048.39	1080478.92	695.20
P134	1902044.18	1080531.36	694.79
P135	1902043.45	1080536.45	694.91
P136	1902067.76	1080538.38	694.26
P137	1902079.64	1080538.21	694.20
P138	1902095.63	1080538.49	694.64
P139	1902096.67	1080510.70	693.85
P140	1902096.65	1080498.57	693.92
P141	1902096.74	1080486.62	693.97
P142 (EX. CB)	1902100.54	1080417.83	694.91
P143 (EX. CB)	1902092.41	1080417.36	694.93
P144	1902096.66	1080446.22	694.58
P145	1902071.27	1080445.17	694.64
P146 (PR. CB)	1902086.00	1080498.59	693.81
P147	1902065.09	1080514.98	694.30
P148	1902082.82	1080518.40	694.01
P149 (EX. CB)	1902079.69	1080532.30	694.15



PAVEMENT RECONSTRUCTION:

ALTERNATE 1
 PAVEMENT REMOVAL
 HMA SURFACE COURSE, 2"
 HMA BINDER COURSE, 4"
 AGGREGATE BASE COURSE, TYPE B 6"
 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

ALTERNATE 2
 PAVEMENT REMOVAL
 PCC DRIVEWAY PAVEMENT 8"
 AGGREGATE BASE COURSE, TYPE B 6"
 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION



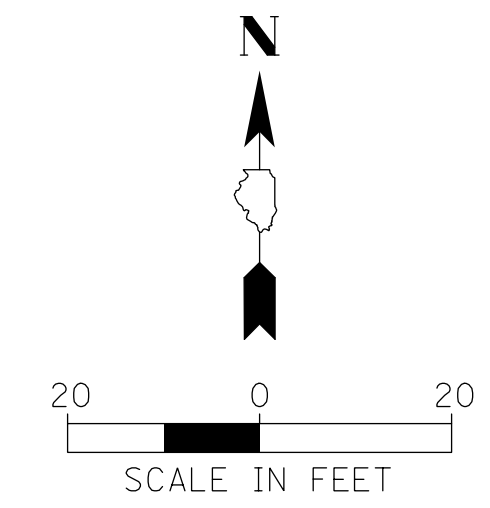
CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

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\ICV\PLN.PW PARKING_140092_000\01.SHT			

TITLE: **2018 STREET IMPROVEMENTS
 PROPOSED PARKING LOT PLAN
 VILLA PARK PUBLIC WORKS
 PARKING LOT**

PROJ. NO.	140092.00011
DATE:	8/3/2018
SHEET 18	OF 34
DRAWING NO.	18



LEGEND:

[RECON]	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED
[ADJ]	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
[Solid Grey]	PAVEMENT RECONSTRUCTION (SEE TYPICAL SECTIONS)
[Diagonal Hatching]	DRIVEWAY PAVEMENT REPLACEMENT
[Grid Pattern]	DETECTABLE WARNING
[Diamond]	INLET FILTER
[Double Line]	COMBINATION CONCRETE CURB & GUTTER, TYPE M-4.12
[Dotted Pattern]	PCC SIDEWALK, 5 INCH

- NOTES:**
1. CONSTRUCTION LIMITS TO BE MARKED IN FIELD BY THE ENGINEER.
 2. PAVEMENT MARKING LAYOUT SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
 3. THE CONTRACTOR SHALL RESTORE ALL LANDSCAPING DISTURBED BY CONSTRUCTION OPERATIONS. AT THE DIRECTION OF THE ENGINEER, LANDSCAPING ITEMS SUCH AS MULCH CAN BE TEMPORARILY RELOCATED ON SITE AND REPLACED AT THE END OF CONSTRUCTION. LANDSCAPE RESTORATION SHALL BE INCLUDED IN THE COST OF THE PAVEMENT RECONSTRUCTION.
 4. CONTRACTOR TO COORDINATE SCHEDULE WITH VILLAGE AND GOLF COURSE PRIOR TO CONSTRUCTION.

NOT FOR BID

VAN BUREN STREET

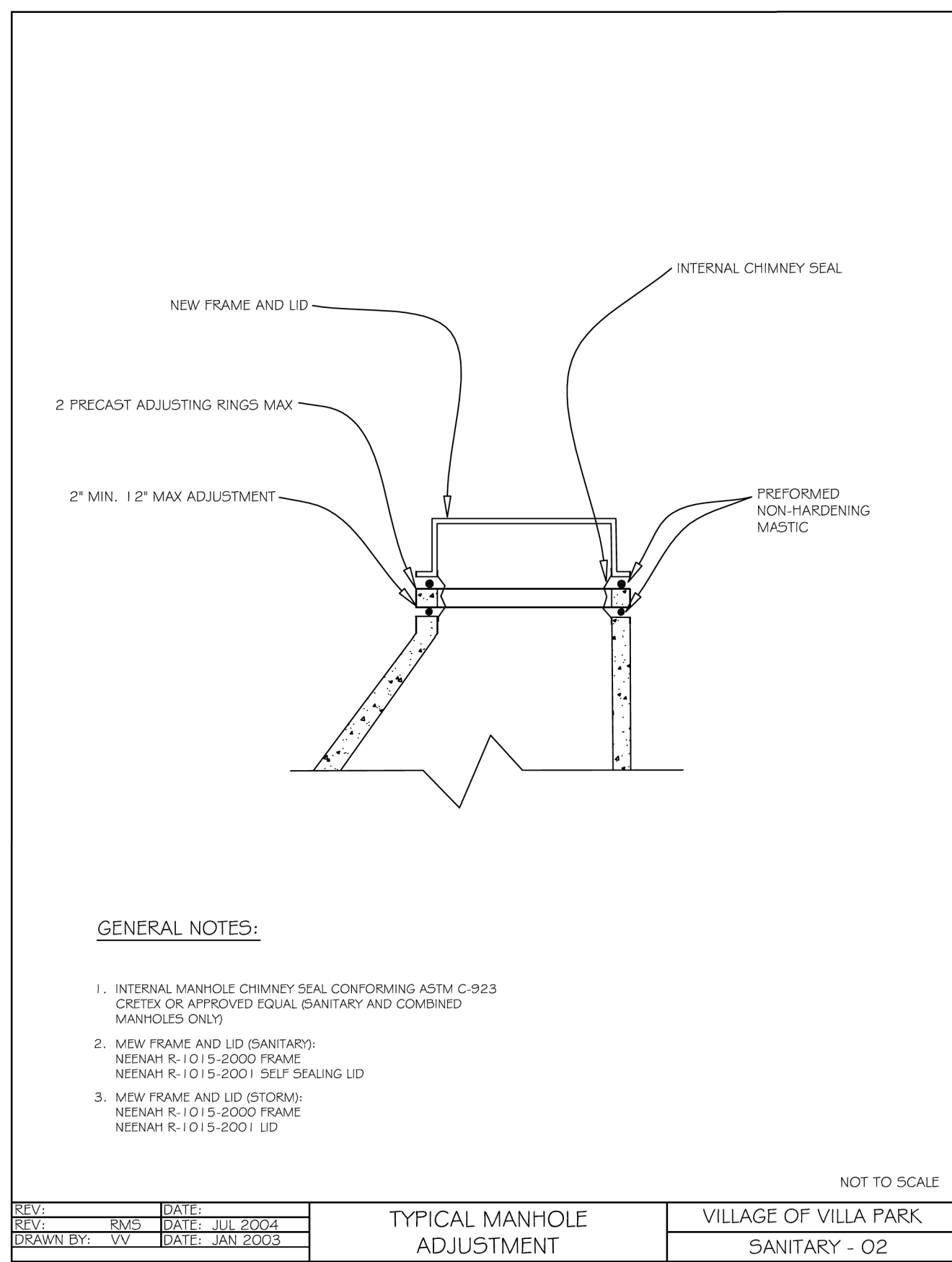
CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

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\ICIV\PLN_GOLF COURSE PARKING_140092_000\01.SHT			

TITLE: **2018 STREET IMPROVEMENTS
 PROPOSED PARKING LOT PLAN
 SUGAR CREEK GOLF COURSE
 PARKING LOT**

PROJ. NO. 140092.00011
 DATE: 8/3/2018
 SHEET 20 OF 34
 DRAWING NO.
20

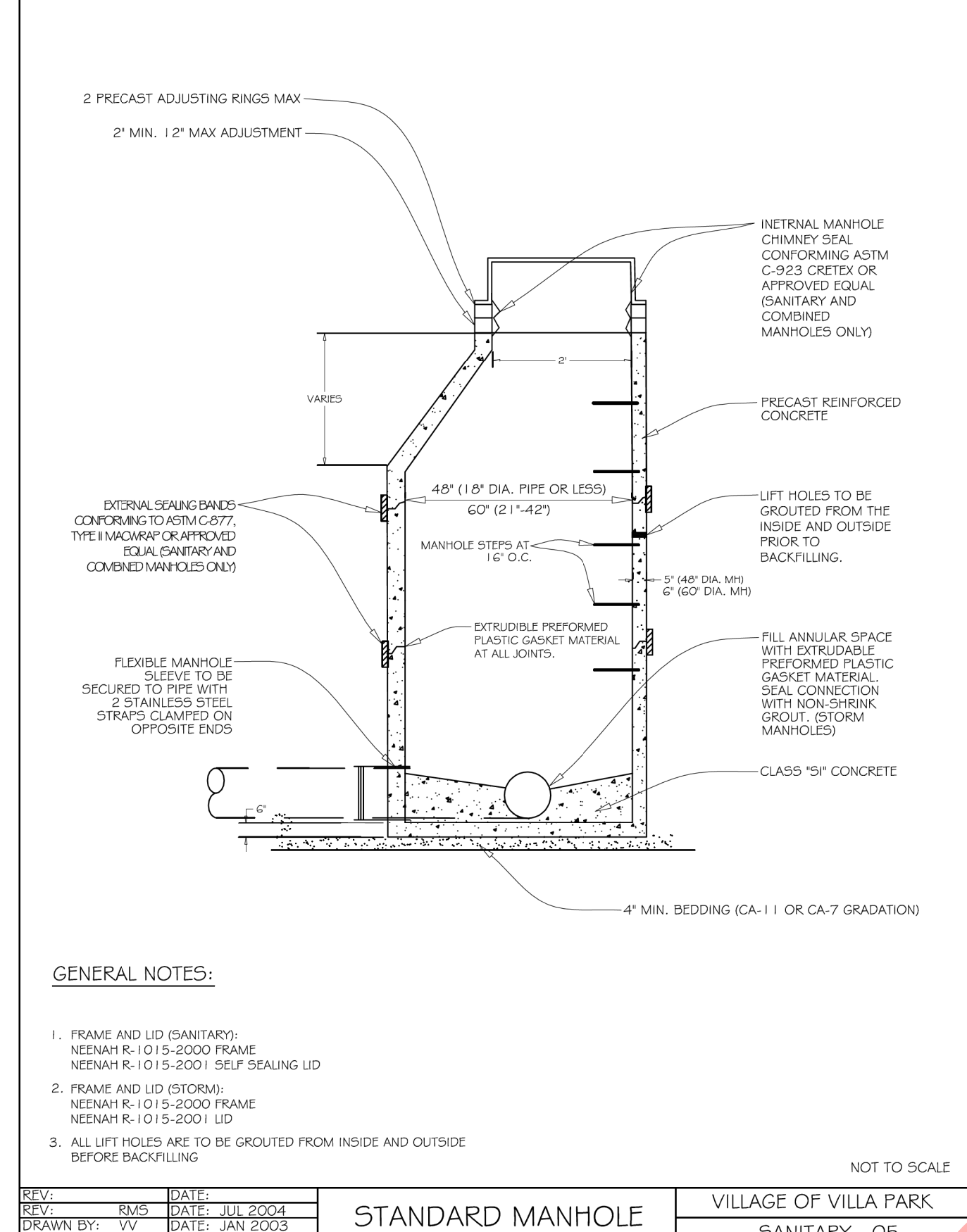


GENERAL NOTES:

- INTERNAL MANHOLE CHIMNEY SEAL CONFORMING ASTM C-923 CRETEX OR APPROVED EQUAL (SANITARY AND COMBINED MANHOLES ONLY)
- NEW FRAME AND LID (SANITARY):
NEENAH R-1015-2000 FRAME
NEENAH R-1015-2001 SELF SEALING LID
- NEW FRAME AND LID (STORM):
NEENAH R-1015-2000 FRAME
NEENAH R-1015-2001 LID

NOT TO SCALE

REV: _____ DATE: _____	TYPICAL MANHOLE ADJUSTMENT	VILLAGE OF VILLA PARK
REV: RMS DATE: JUL 2004		
DRAWN BY: VV DATE: JAN 2003		SANITARY - 02

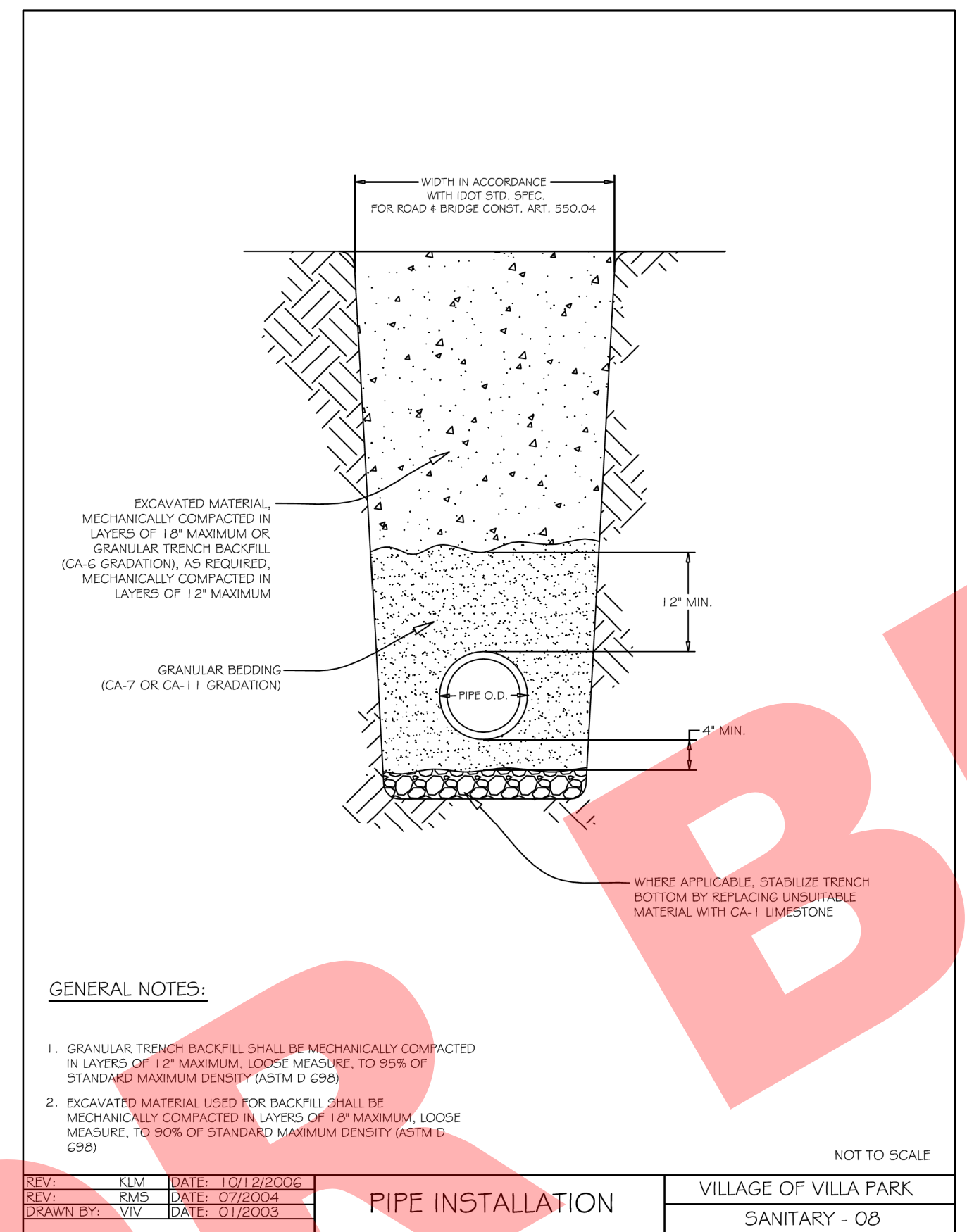


GENERAL NOTES:

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

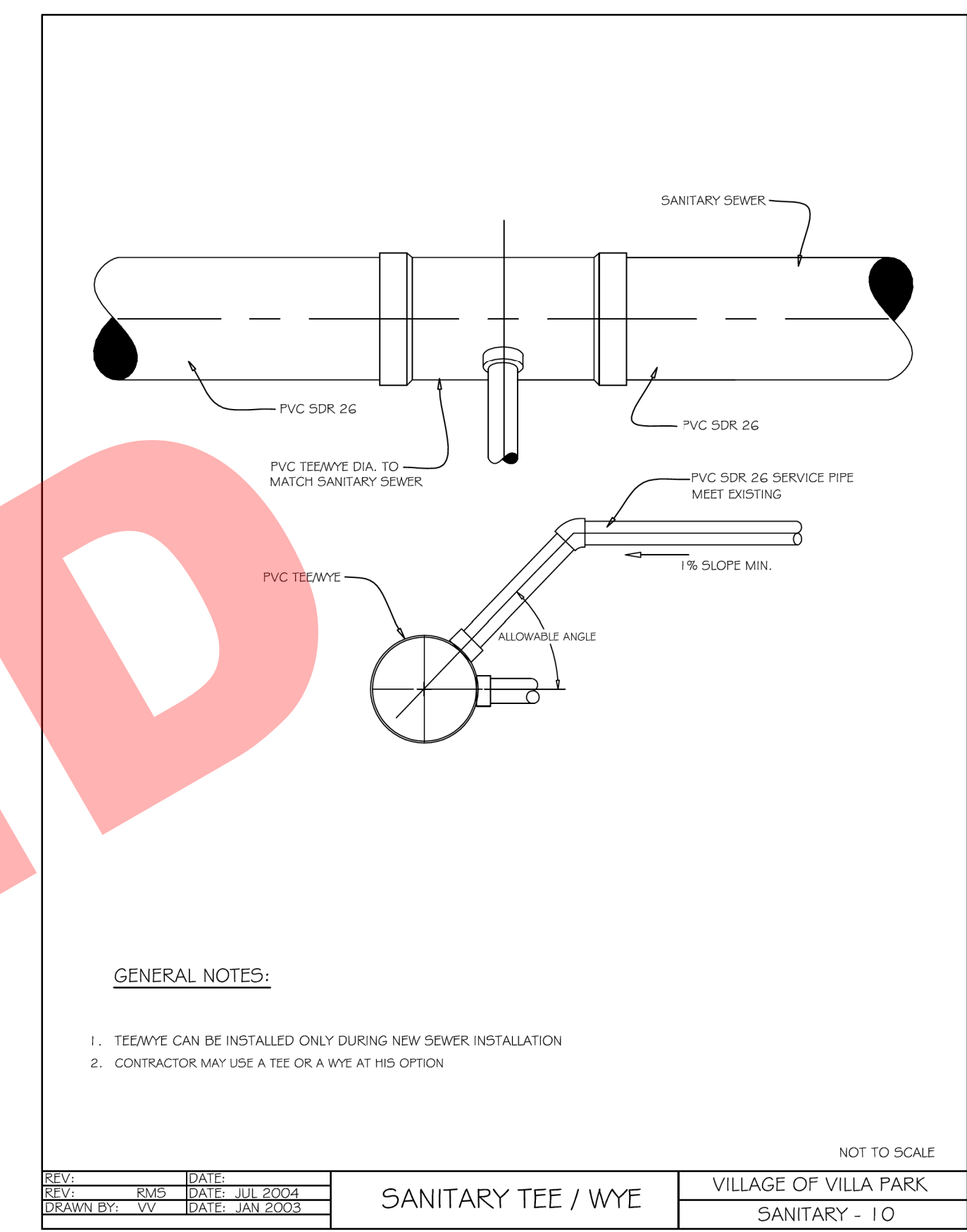


GENERAL NOTES:

- 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: _____ DATE: _____	PIPE INSTALLATION	VILLAGE OF VILLA PARK
REV: RMS DATE: 07/2004		
DRAWN BY: VV DATE: 01/2003		SANITARY - 08

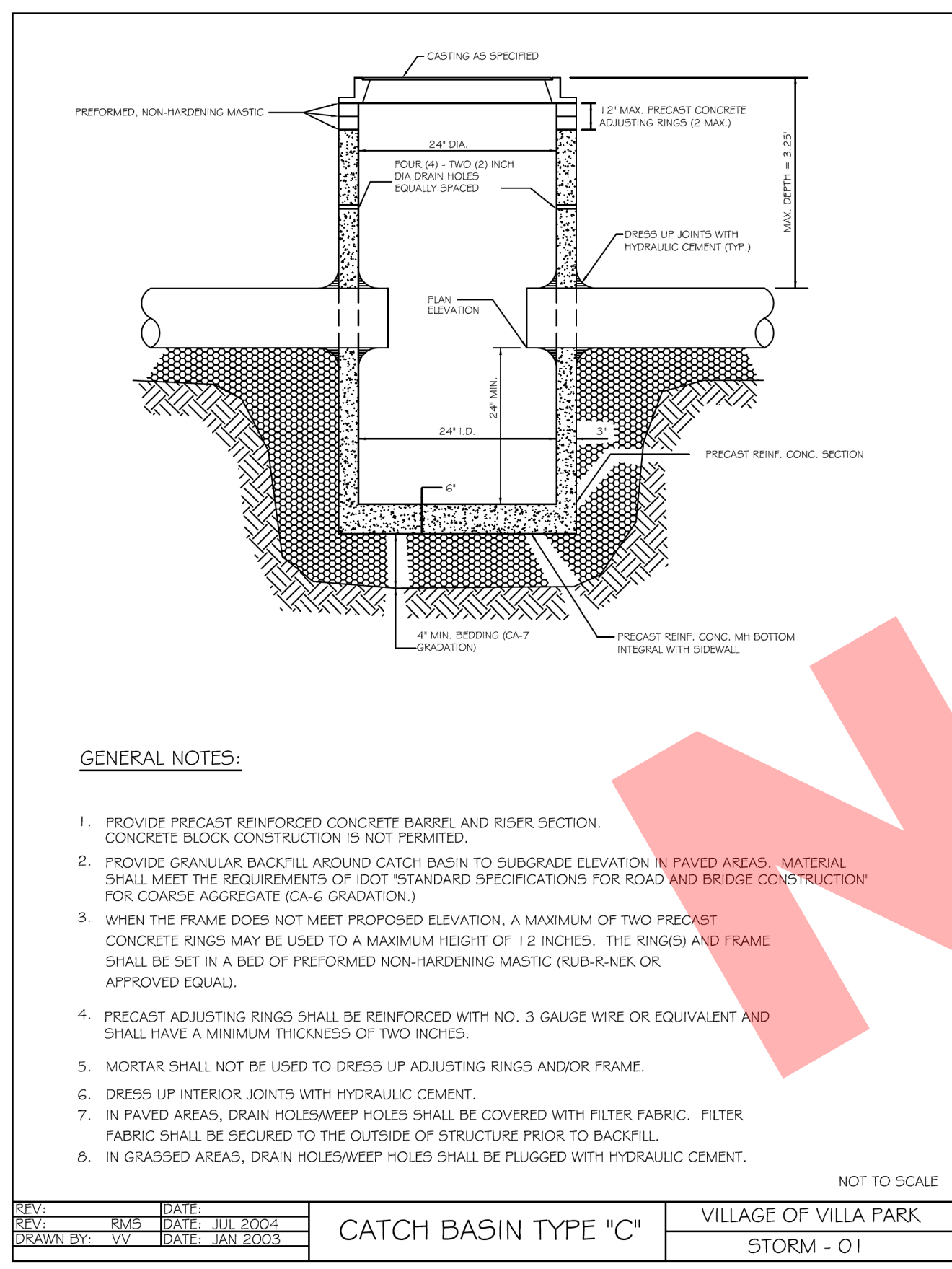


GENERAL NOTES:

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

NOT TO SCALE

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

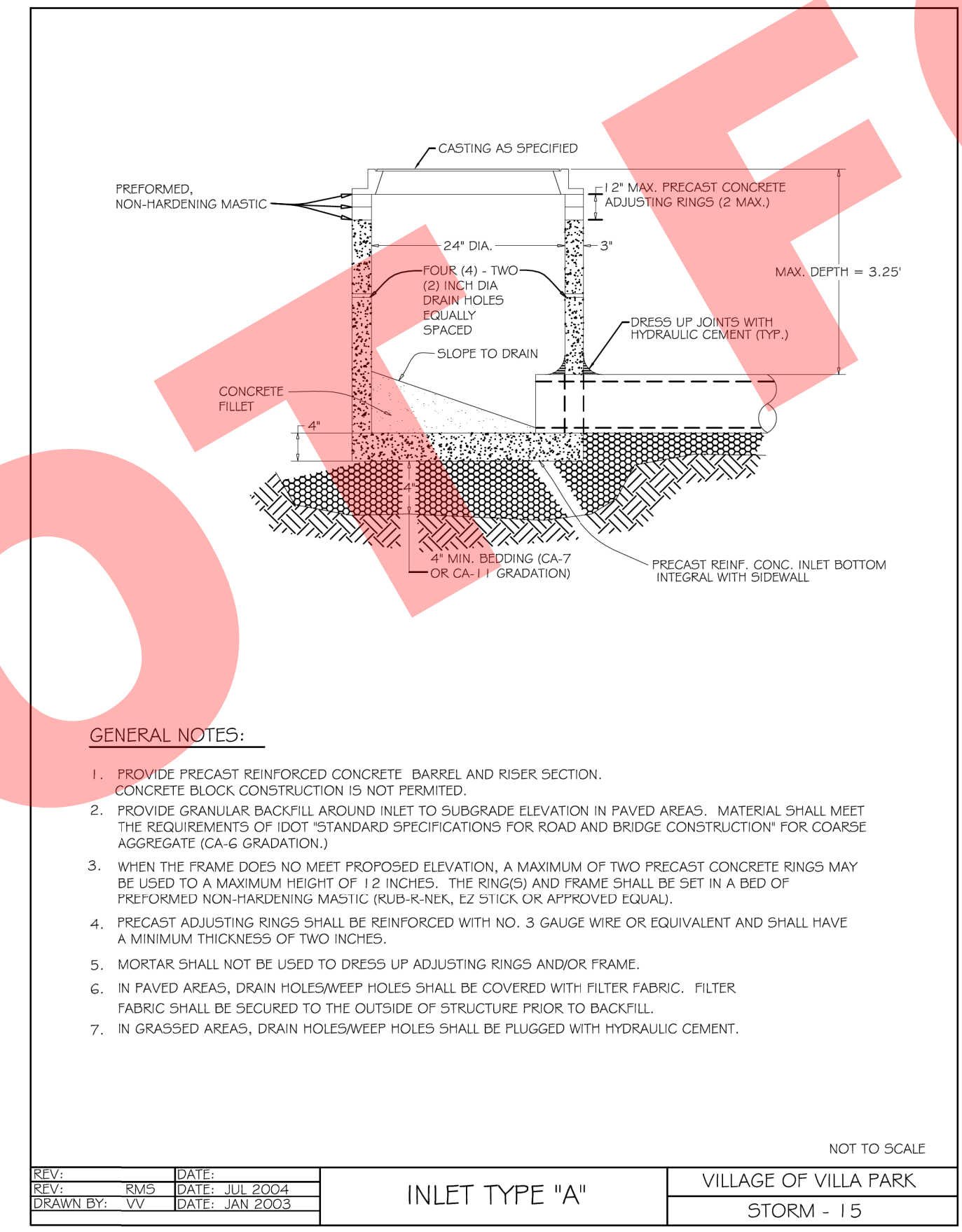


GENERAL NOTES:

- 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 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/WEEP HOLES SHALL BE COVERED WITH FILTER FABRIC. FILTER FABRIC SHALL BE SECURED TO THE OUTSIDE OF STRUCTURE PRIOR TO BACKFILL.
- IN GRASSSED AREAS, DRAIN HOLES/WEEP HOLES SHALL BE PLUGGED WITH HYDRAULIC CEMENT.

NOT TO SCALE

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

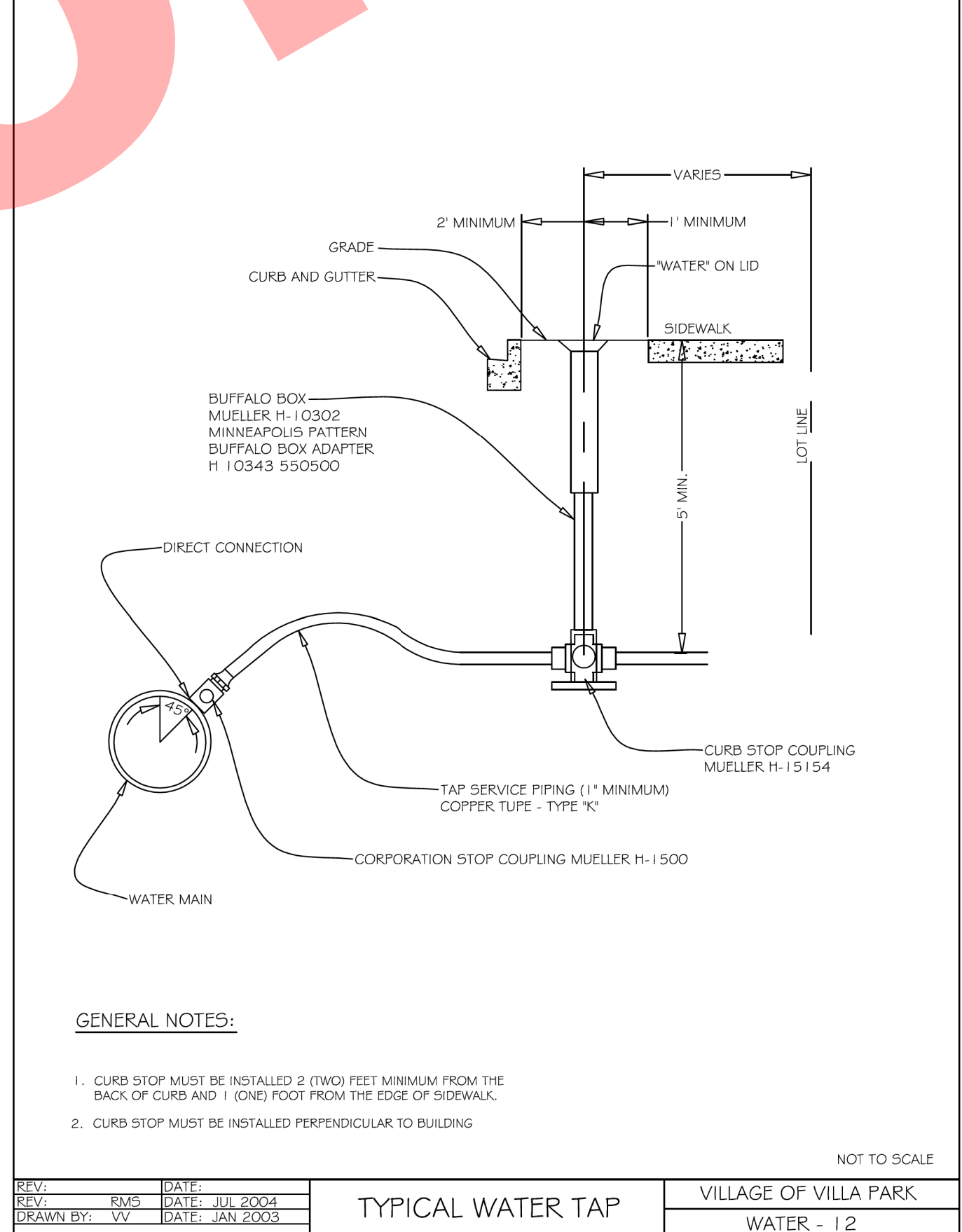


GENERAL NOTES:

- 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/WEEP HOLES SHALL BE COVERED WITH FILTER FABRIC. FILTER FABRIC SHALL BE SECURED TO THE OUTSIDE OF STRUCTURE PRIOR TO BACKFILL.
- IN GRASSSED AREAS, DRAIN HOLES/WEEP HOLES SHALL BE PLUGGED WITH HYDRAULIC CEMENT.

NOT TO SCALE

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

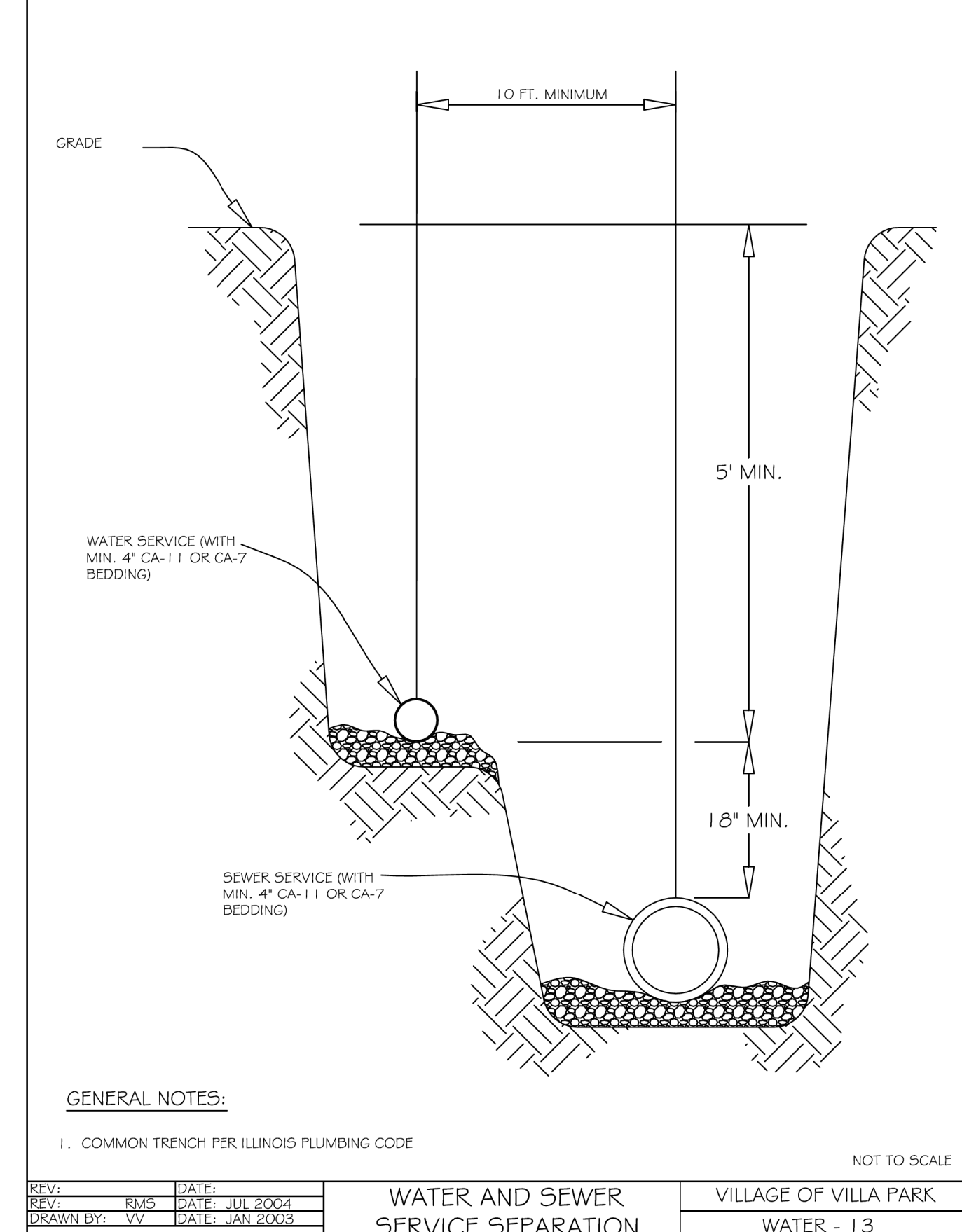


GENERAL NOTES:

- CURB STOP MUST BE INSTALLED 2 (TWO) FEET MINIMUM FROM THE BACK OF CURB AND 1 (ONE) FOOT FROM THE EDGE OF SIDEWALK.
- CURB STOP MUST BE INSTALLED PERPENDICULAR TO BUILDING

NOT TO SCALE

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




GENERAL NOTES:

- COMMON TRENCH PER ILLINOIS PLUMBING CODE

NOT TO SCALE

REV: _____ DATE: _____	WATER AND SEWER SERVICE SEPARATION	VILLAGE OF VILLA PARK
REV: RMS DATE: JUL 2004		
DRAWN BY: VV DATE: JAN 2003		WATER - 13

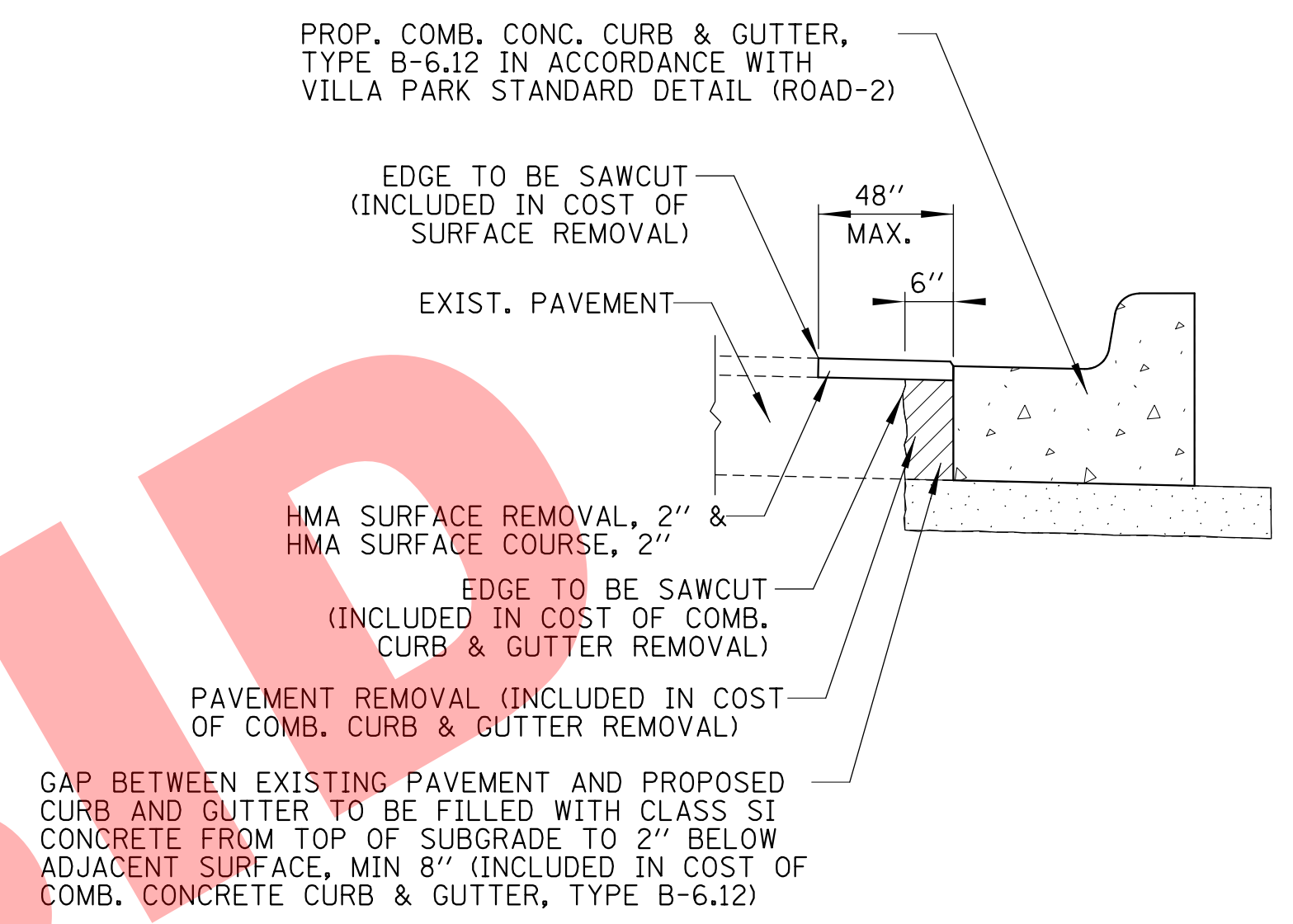
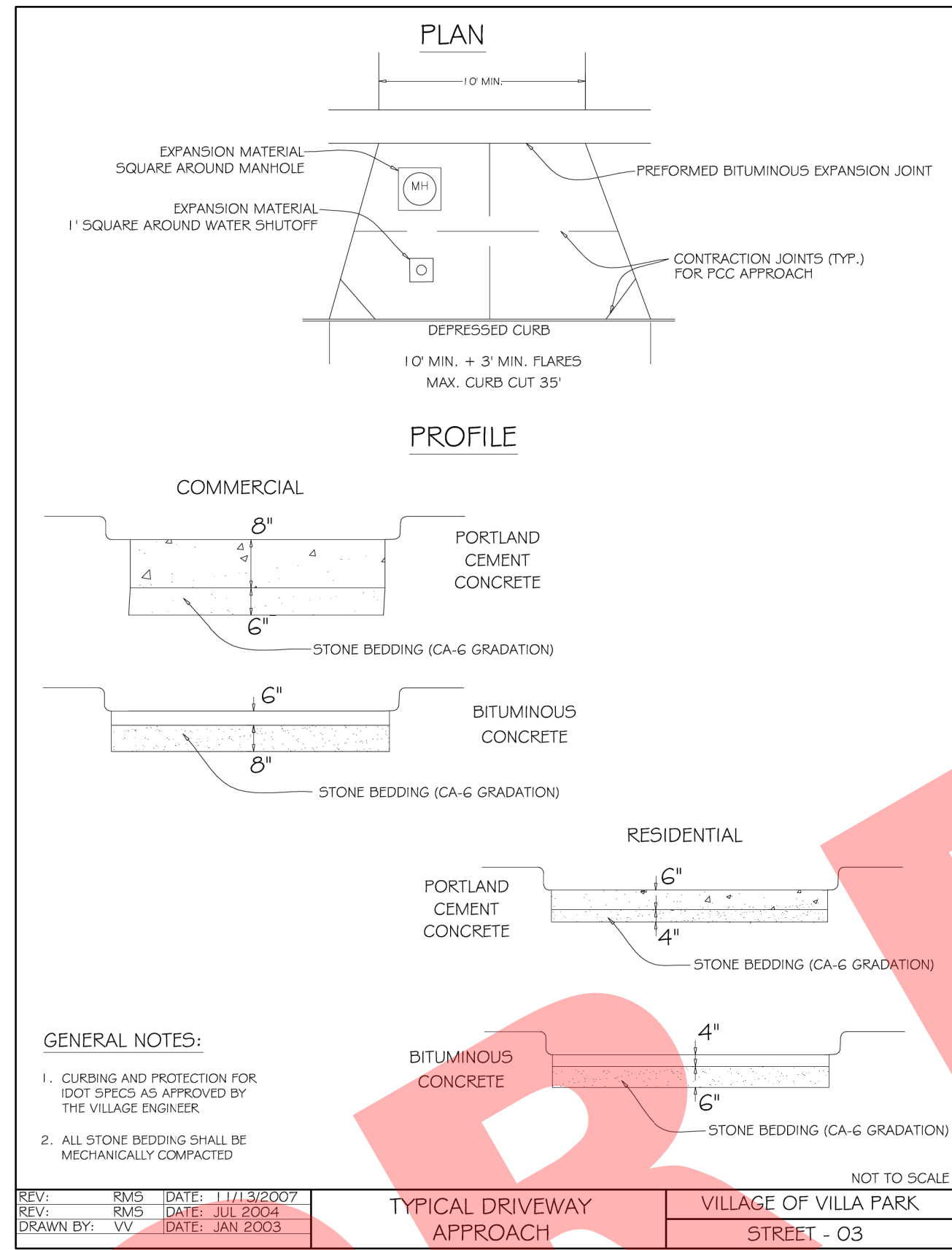
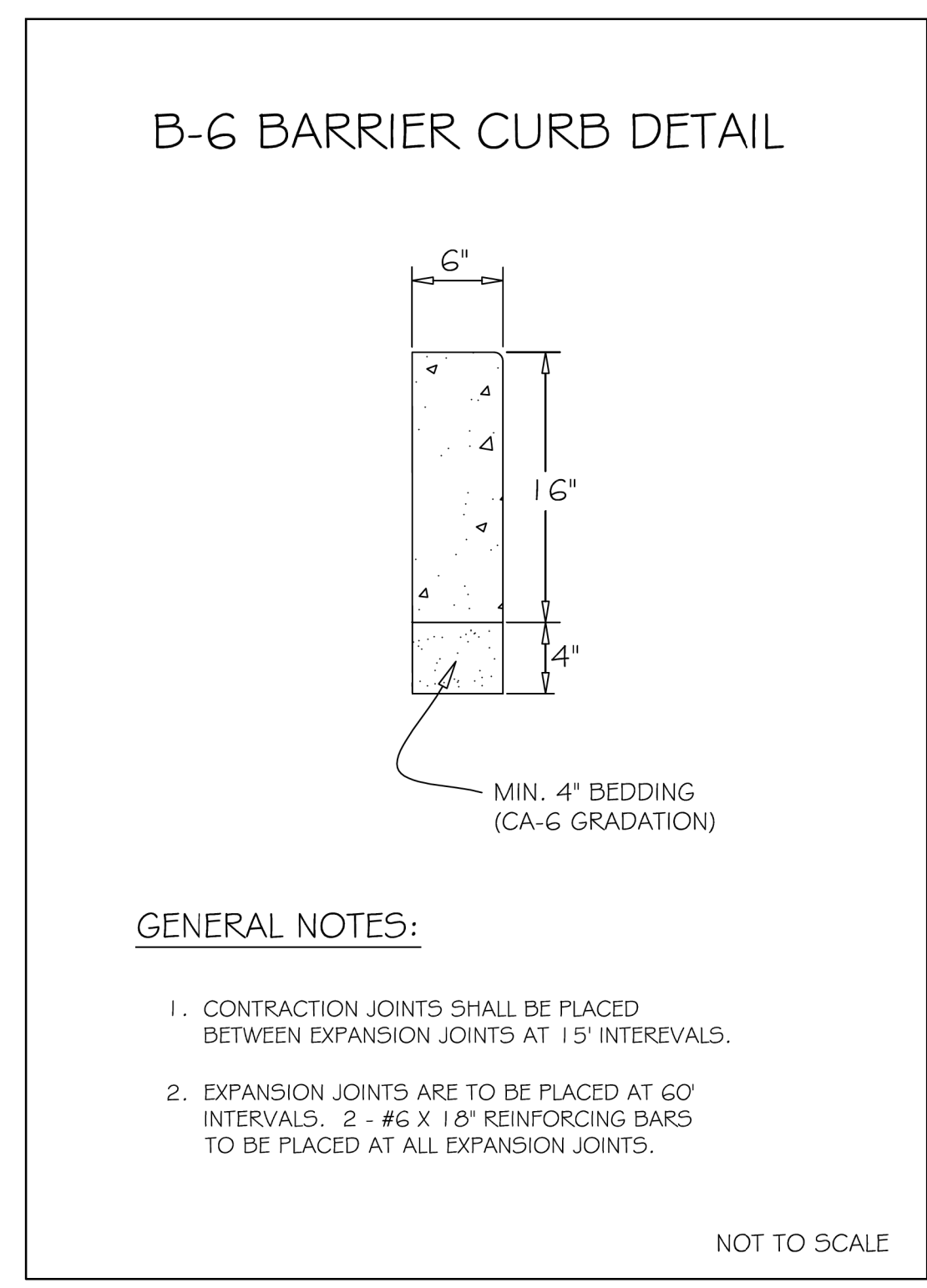
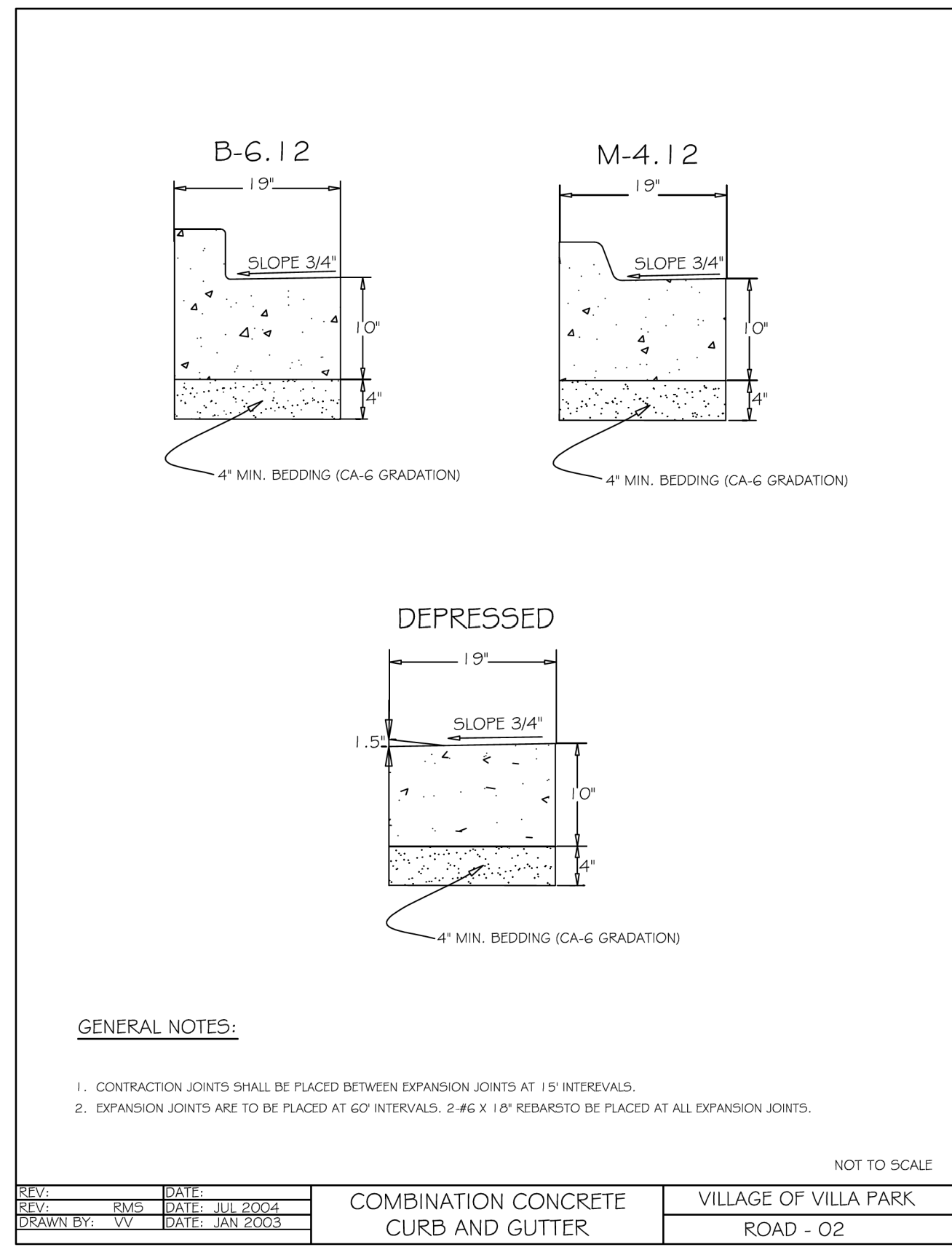
CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

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

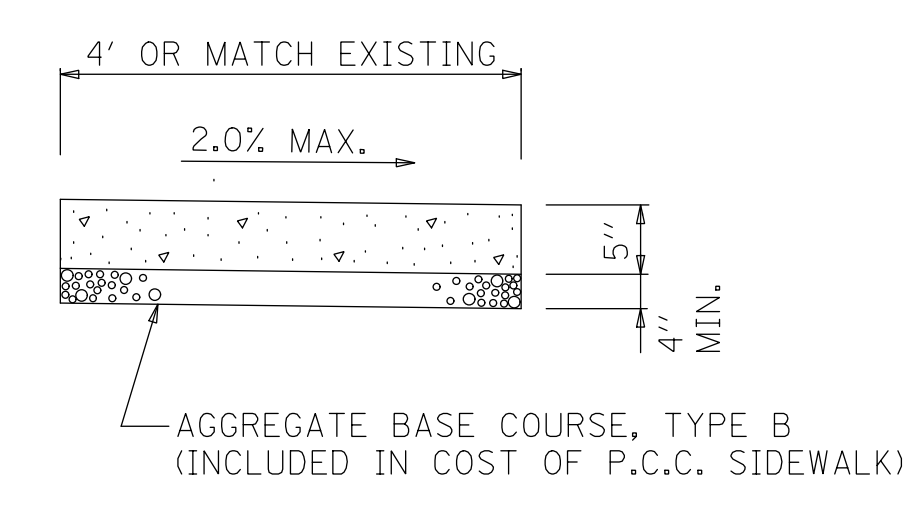
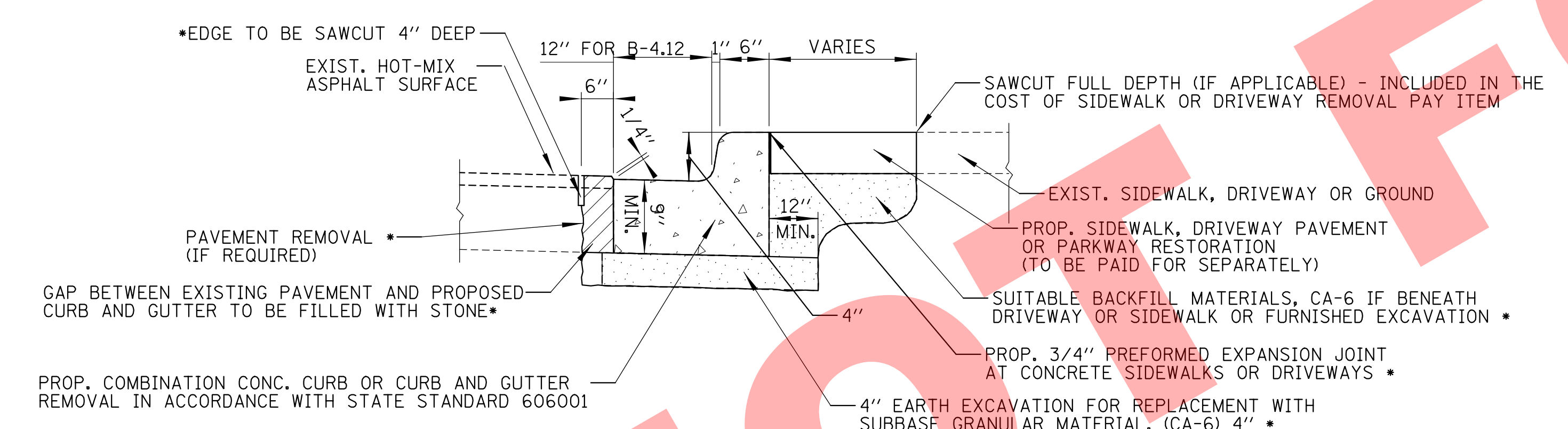
NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:
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TITLE: **2018 STREET IMPROVEMENTS CONSTRUCTION DETAILS**

PROJ. NO. 140092.00011
 DATE: 8/3/2018
 SHEET 21 OF 34
 DRAWING NO. **21**

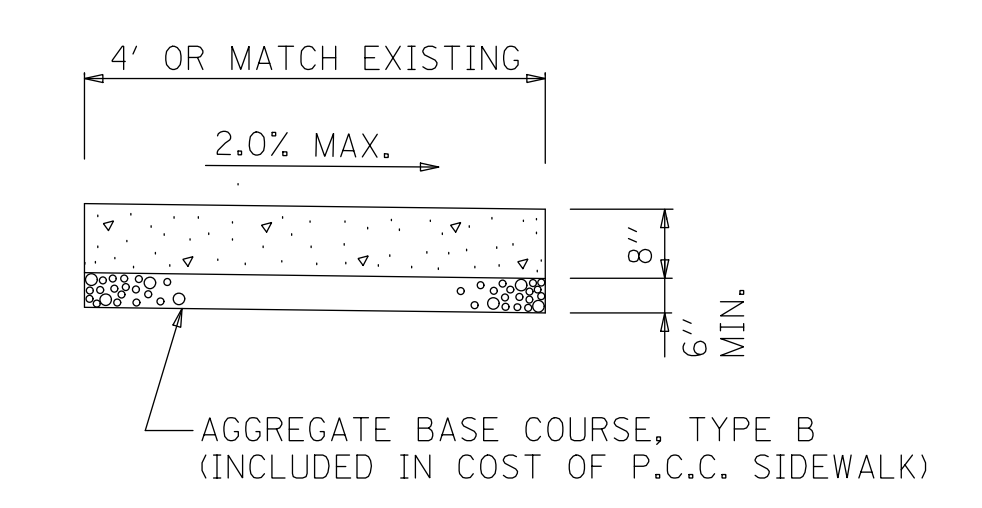


PAVEMENT PATCHING ADJACENT TO COMB. CONCRETE CURB AND GUTTER



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

P.C.C. SIDEWALK 5 INCH



- NOTES:
1. ALL REQUIRED EARTH EXCAVATION TO CONSTRUCT P.C.C. SIDEWALK SHALL BE INCLUDED IN THE COST OF P.C.C. SIDEWALK 8 INCH.

P.C.C. SIDEWALK 8 INCH

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-4.12

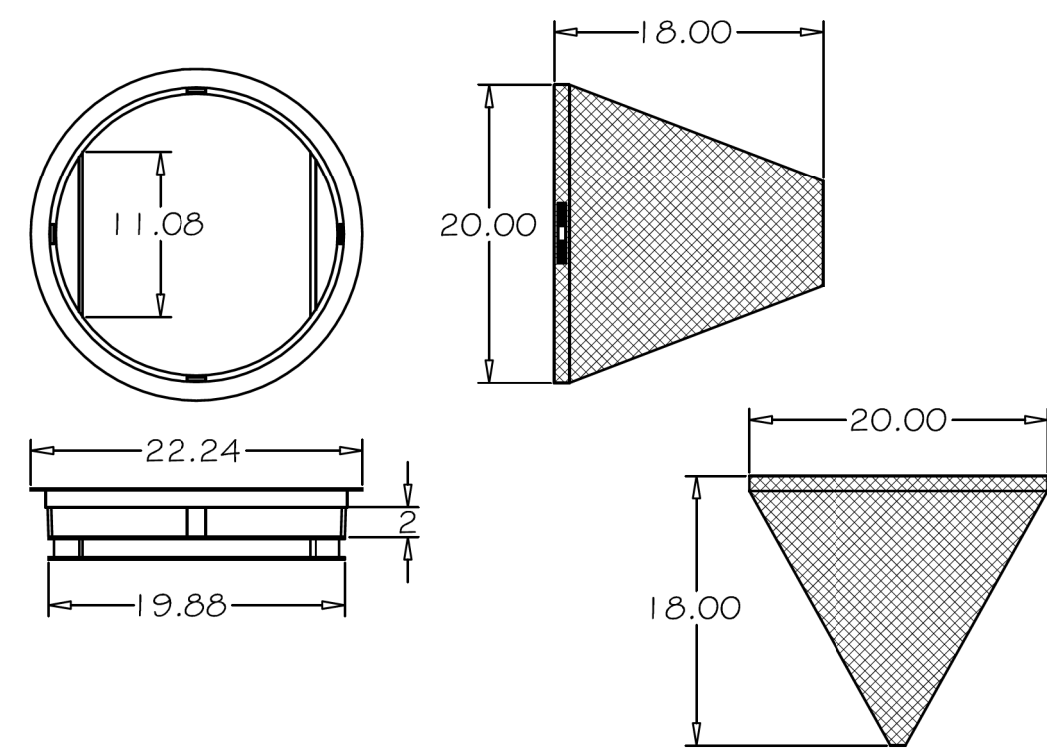
CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

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\IN\CIV\DET_140092_000\I_02.SHT			

TITLE: **2018 STREET IMPROVEMENTS CONSTRUCTION DETAILS**

PROJ. NO. 140092.00011
 DATE: 8/3/2018
 SHEET 22 OF 34
 DRAWING NO. **22**



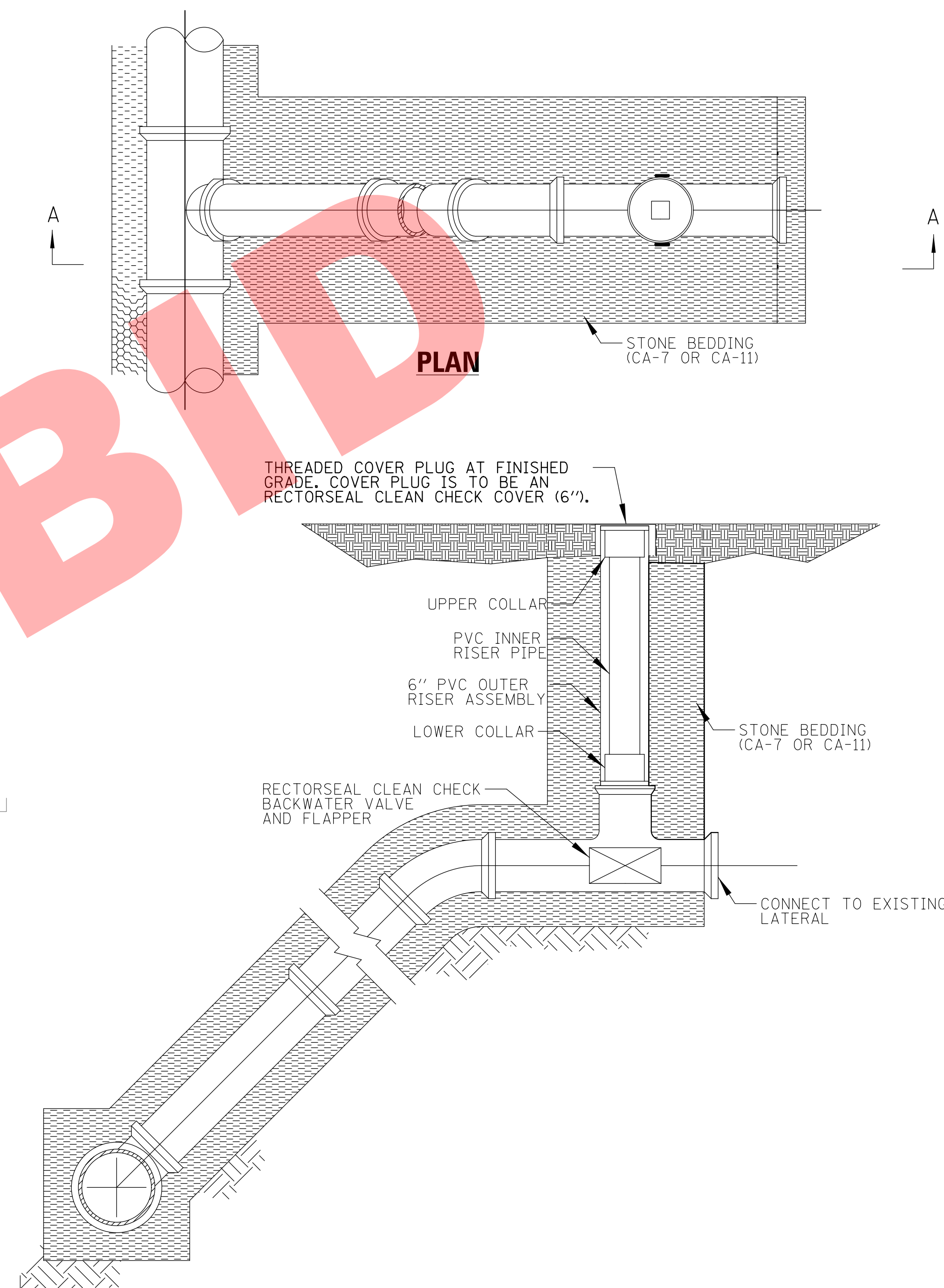
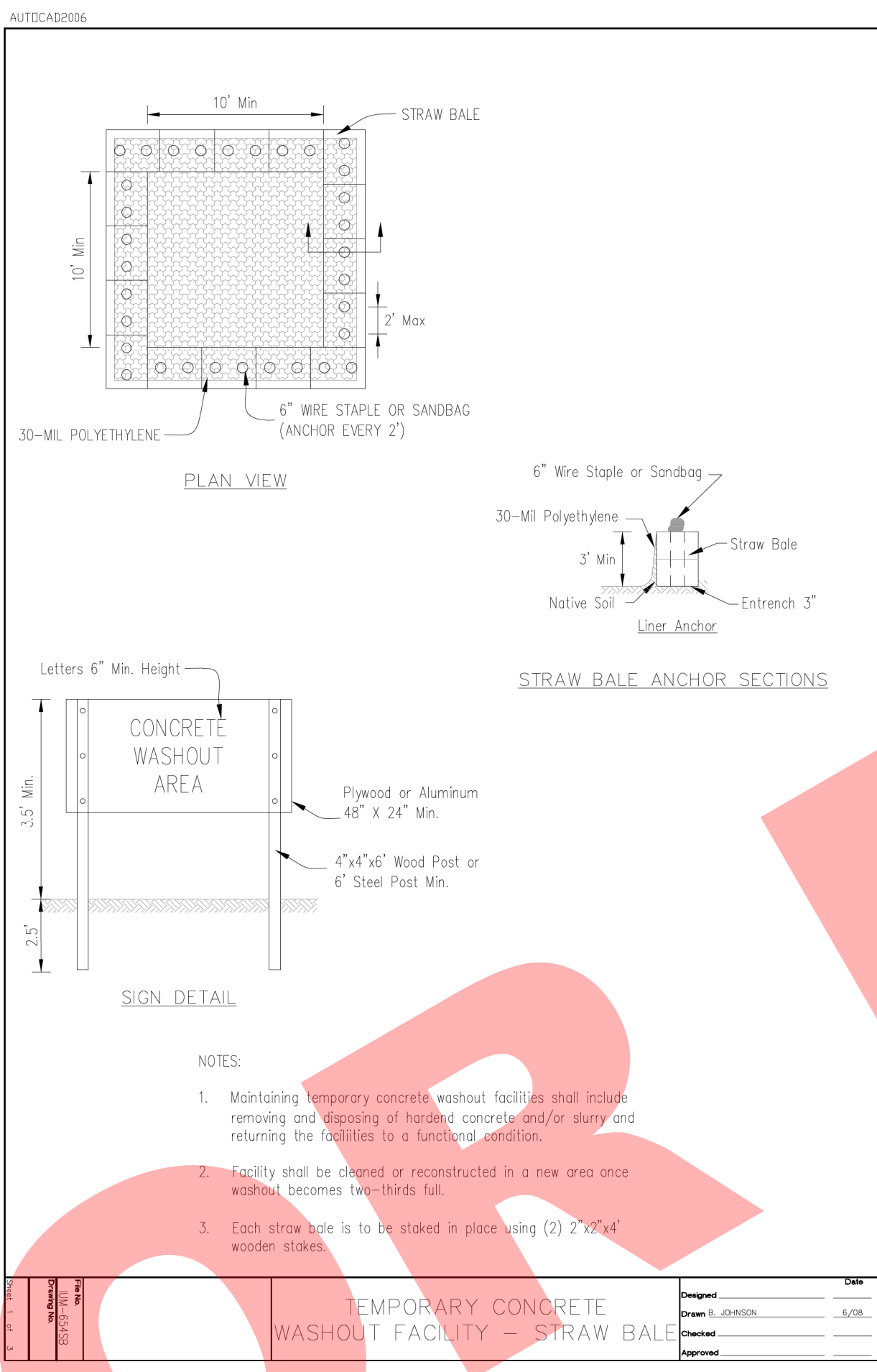
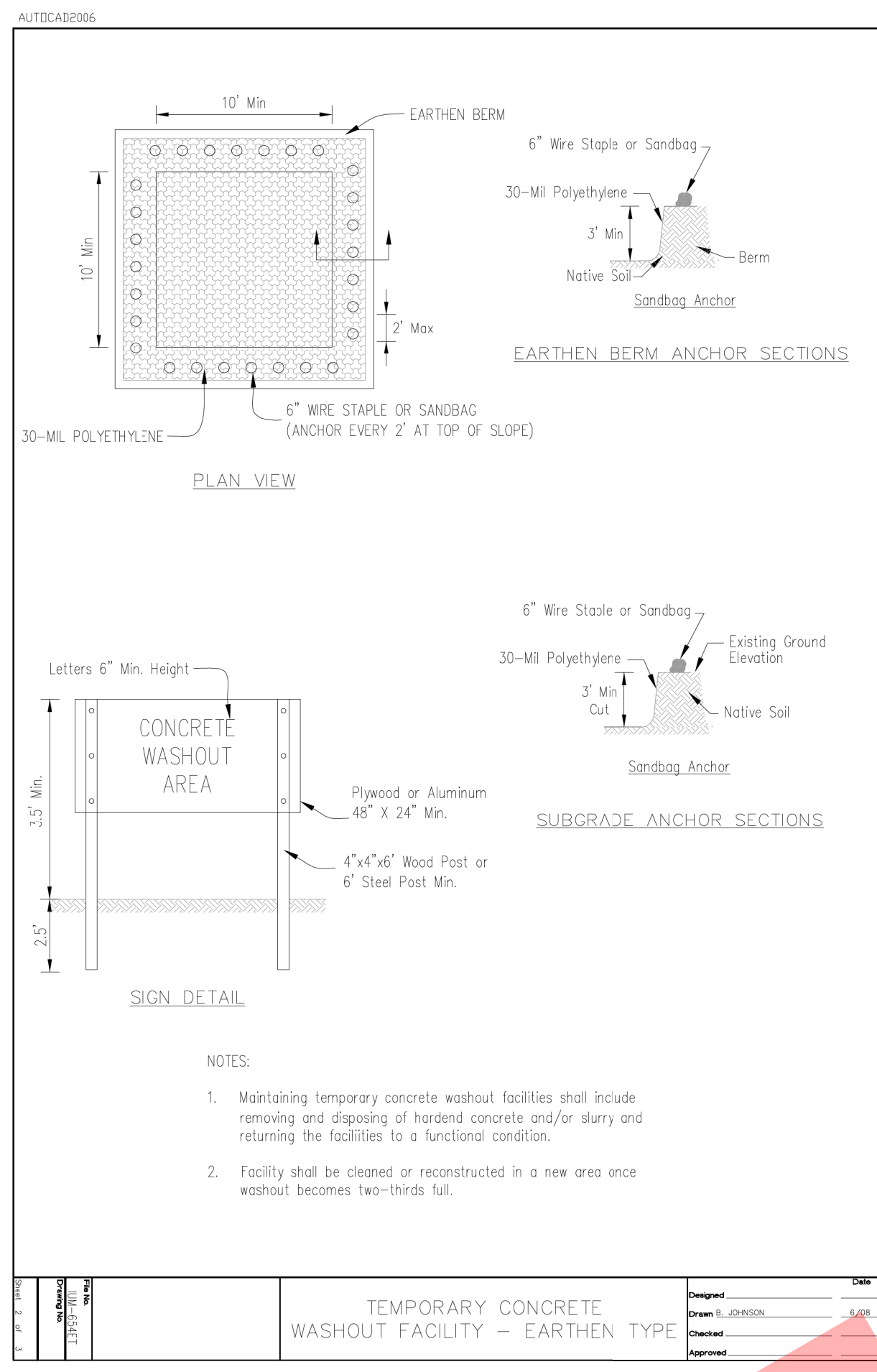
DRAWING BY MARATHON MATERIALS, INC.

GENERAL NOTES:

1. USE DRAINAGE STRUCTURE INLET FILTER MANUFACTURED BY MARATHONMATERIALS, INC. OR APPROVED EQUAL.
2. 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.
3. 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.

NOT TO SCALE

REV. DATE	DATE	DRAINAGE STRUCTURE PROTECTION	VILLAGE OF VILLA PARK
REV. RMS	DATE: JUL 2004		
DRAWN BY: VV	DATE: JAN 2003		



SECTION A-A

GENERAL NOTES:

1. 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

SOIL EROSION CONTROL AND SEDIMENT CONTROL NOTES

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. STOCK PILES OF 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.
7. 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.
8. 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.

9. THE VILLAGE SHALL PROVIDE A QUALIFIED PERSON WHO WILL BE RESPONSIBLE FOR CONDUCTING SITE INSPECTIONS IN COMPLIANCE WITH THE ILR10 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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CLIENT:



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

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:
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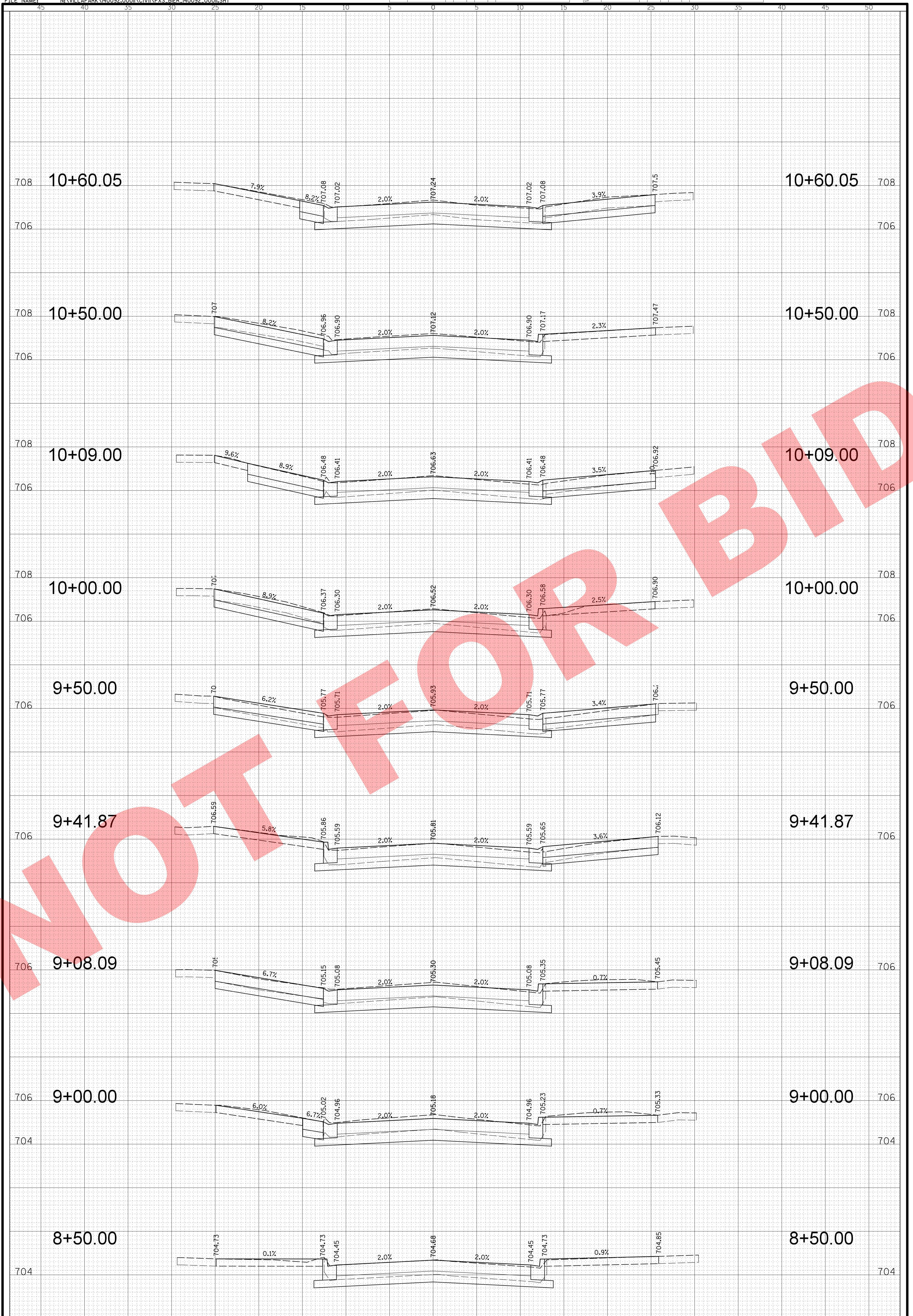
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PROJ. NO.	140092.00011
DATE:	8/3/2018
SHEET 23 OF 34	
DRAWING NO.	
23	

NO.	DATE	BY	CHKD.	DESC.

NO.	DATE	BY	CHKD.	DESC.

FILE NAME: N:\VILLAPARK\140092.000\CIVIL\XSS_BIER_140092_0001.SHT



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DSGN.	AJS
DWN.	AJS
CHKD.	AMP
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	VERT. 2
PLOT DATE:	8/3/2018
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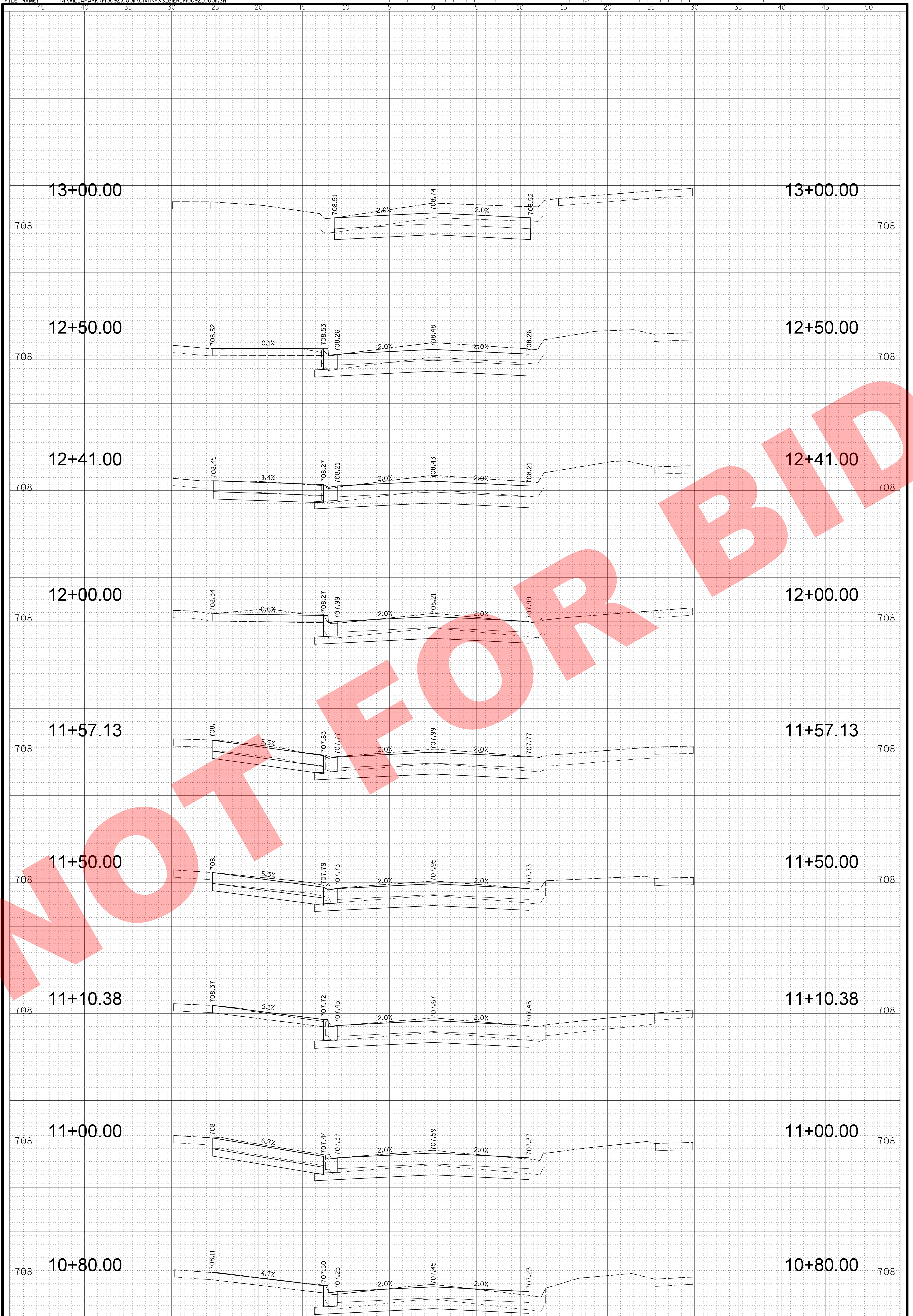
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 DATE: 8/3/2018
 SHEET 24 OF 34
 DRAWING NO.

NO.	DATE	BY	CHKD.	DESC.

NO.	DATE	BY	CHKD.	DESC.

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DSGN.	AJS
DWN.	AJS
CHKD.	AMP
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	VERT. 2
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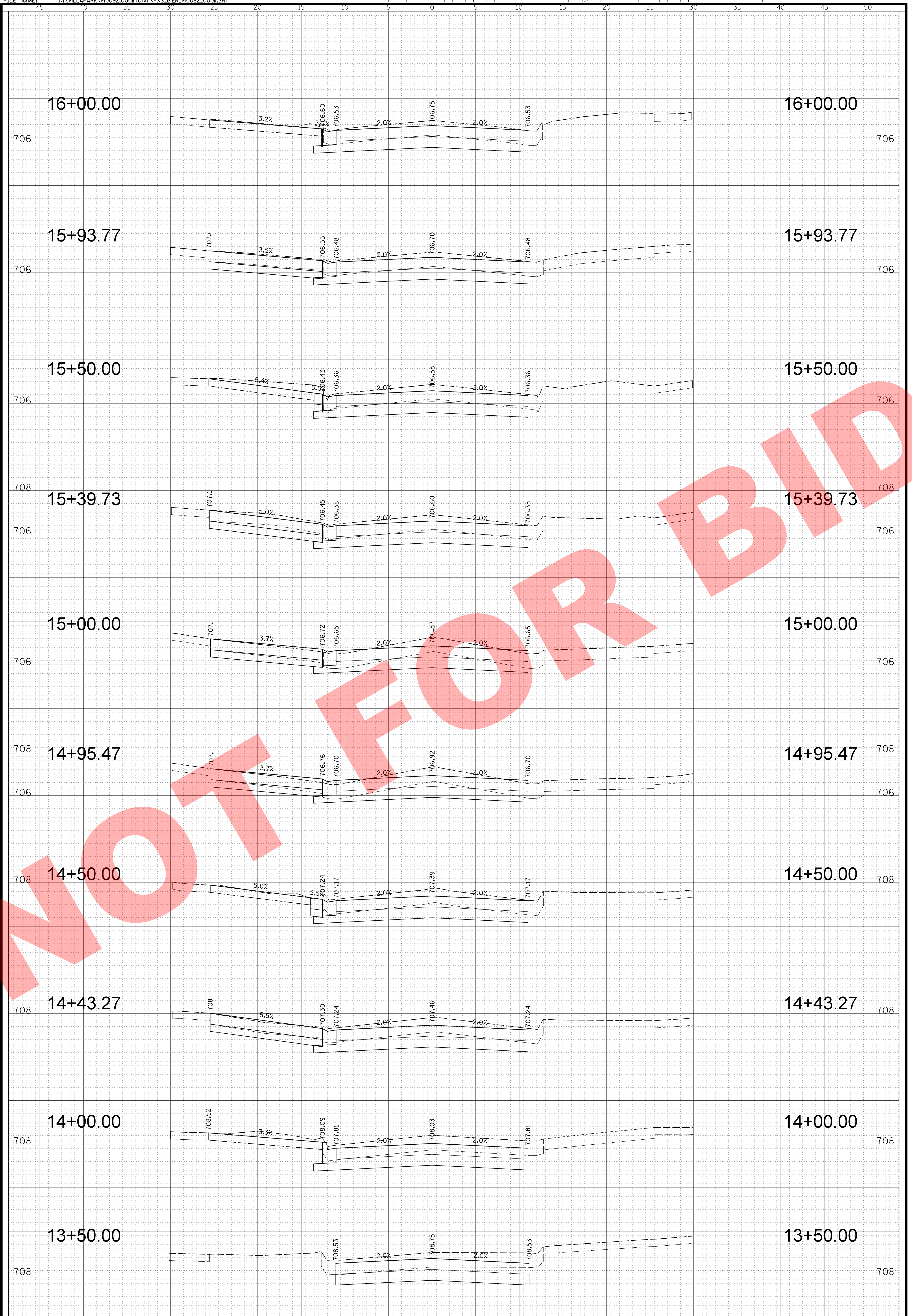
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CROSS SECTIONS

PROJ. NO. 140092.00011
 DATE: 8/3/2018
 SHEET 25 OF 34
 DRAWING NO.

NO.	DESCRIPTION	DATE	BY	CHKD.

FILE NAME: N:\VILLA PARK\140092.000\CIVIL\XSS_BIER_140092_0001.SHT



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DSGN.	AJS
DWN.	AJS
CHKD.	AMP
SCALE:	HORZ. 5
	VERT. 2
PLOT DATE:	8/3/2018
CAD USER:	aschaefer
MODEL:	Default

TITLE:
BIERMANN AVENUE
STA. 13 + 50.00 - STA. 16 + 00.00
CROSS SECTIONS

PROJ. NO. 140092.00011
 DATE: 8/3/2018
 SHEET 26 OF 34
 DRAWING NO.

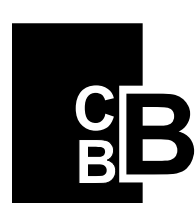
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 Villa Park, IL 60181-2696

DSGN.	AJS
DWN.	AJS
CHKD.	AMP
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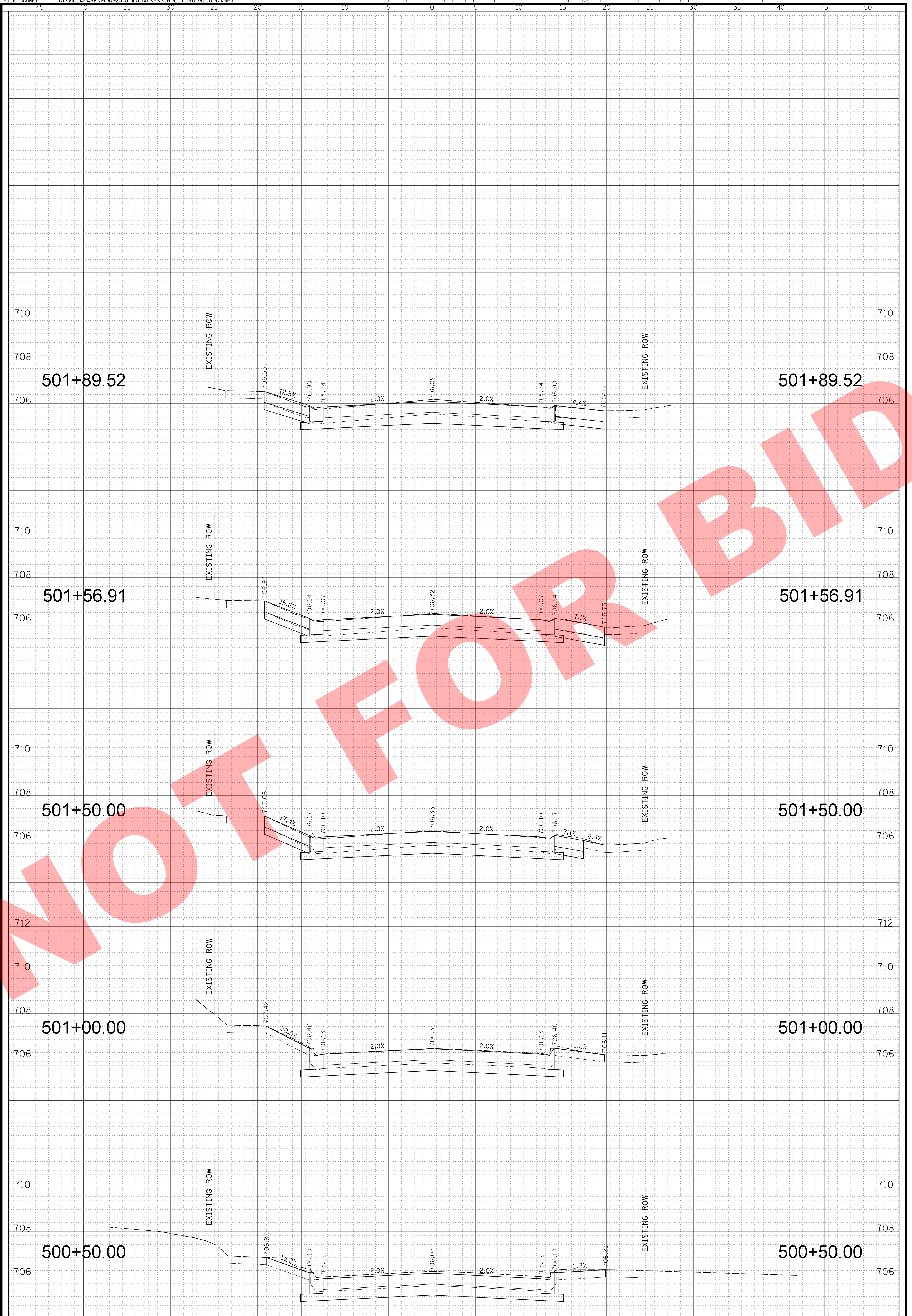
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STA. 16 + 45.24 - STA. 17 + 36.00
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PROJ. NO.	140092.00011
DATE:	8/3/2018
SHEET	27 OF 34
DRAWING NO.	

NO.	DATE	BY	CHKD.	DESC.

NO.	DATE	BY	CHKD.	DESC.

FILE NAME: N:\VILLAPARK\140092.000\CIVIL\XSS HOLLY 140092.000\1.SHT



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

DSGN. **AJS**
 DWN. **AJS**
 CHKD. **AMP**
 SCALE: **HORZ. 5**
VERT. 2
 PLOT DATE: **8/3/2018**
 CAD USER: **aschaefer**
 MODEL: **Default**

TITLE: **HOLLY COURT**
STA. 500 + 50.00 - STA. 501 + 89.52
CROSS SECTIONS

PROJ. NO. 140092.00011
 DATE: 8/3/2018
 SHEET 28 OF 34
 DRAWING NO.

NO.	DESCRIPTION	DATE	BY	CHKD.	REVISION

NO.	DESCRIPTION	DATE	BY	CHKD.	REVISION

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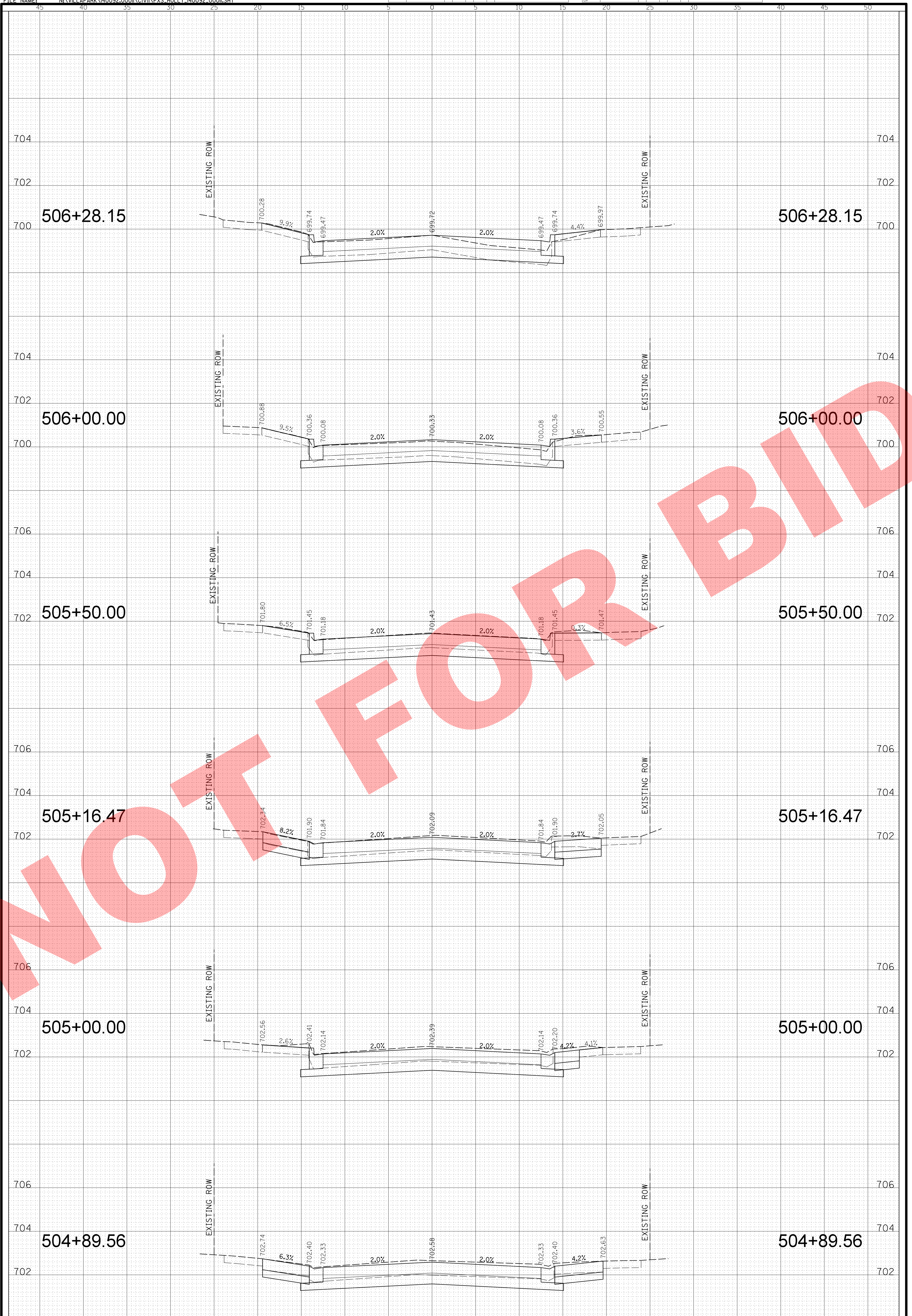


 <p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500</p>	 <p>CLIENT: VILLAGE OF VILLA PARK 20 S. Ardmore Ave. Villa Park, IL 60181-2696</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>DSGN:</td><td>AJS</td></tr> <tr><td>DWN:</td><td>AJS</td></tr> <tr><td>CHKD:</td><td>AMP</td></tr> <tr><td>SCALE:</td><td>HORZ. 5 VERT. 2</td></tr> <tr><td>PLOT DATE:</td><td>8/3/2018</td></tr> <tr><td>CAD USER:</td><td>aschaefer</td></tr> <tr><td>MODEL:</td><td>Default</td></tr> </table>	DSGN:	AJS	DWN:	AJS	CHKD:	AMP	SCALE:	HORZ. 5 VERT. 2	PLOT DATE:	8/3/2018	CAD USER:	aschaefer	MODEL:	Default	<p>TITLE:</p> <p style="text-align: center;">HOLLY COURT STA. 502 + 00.00 - STA. 504 + 50.00 CROSS SECTIONS</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>PROJ. NO.</td><td>140092.00011</td></tr> <tr><td>DATE:</td><td>8/3/2018</td></tr> <tr><td>SHEET</td><td>29 OF 34</td></tr> <tr><td>DRAWING NO.</td><td> </td></tr> </table>	PROJ. NO.	140092.00011	DATE:	8/3/2018	SHEET	29 OF 34	DRAWING NO.	
DSGN:	AJS																									
DWN:	AJS																									
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PLOT DATE:	8/3/2018																									
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DSGN:	AJS
DWN:	AJS
CHKD:	AMP
SCALE:	HORZ. 5 VERT. 2
PLOT DATE:	8/3/2018
CAD USER:	aschaefer
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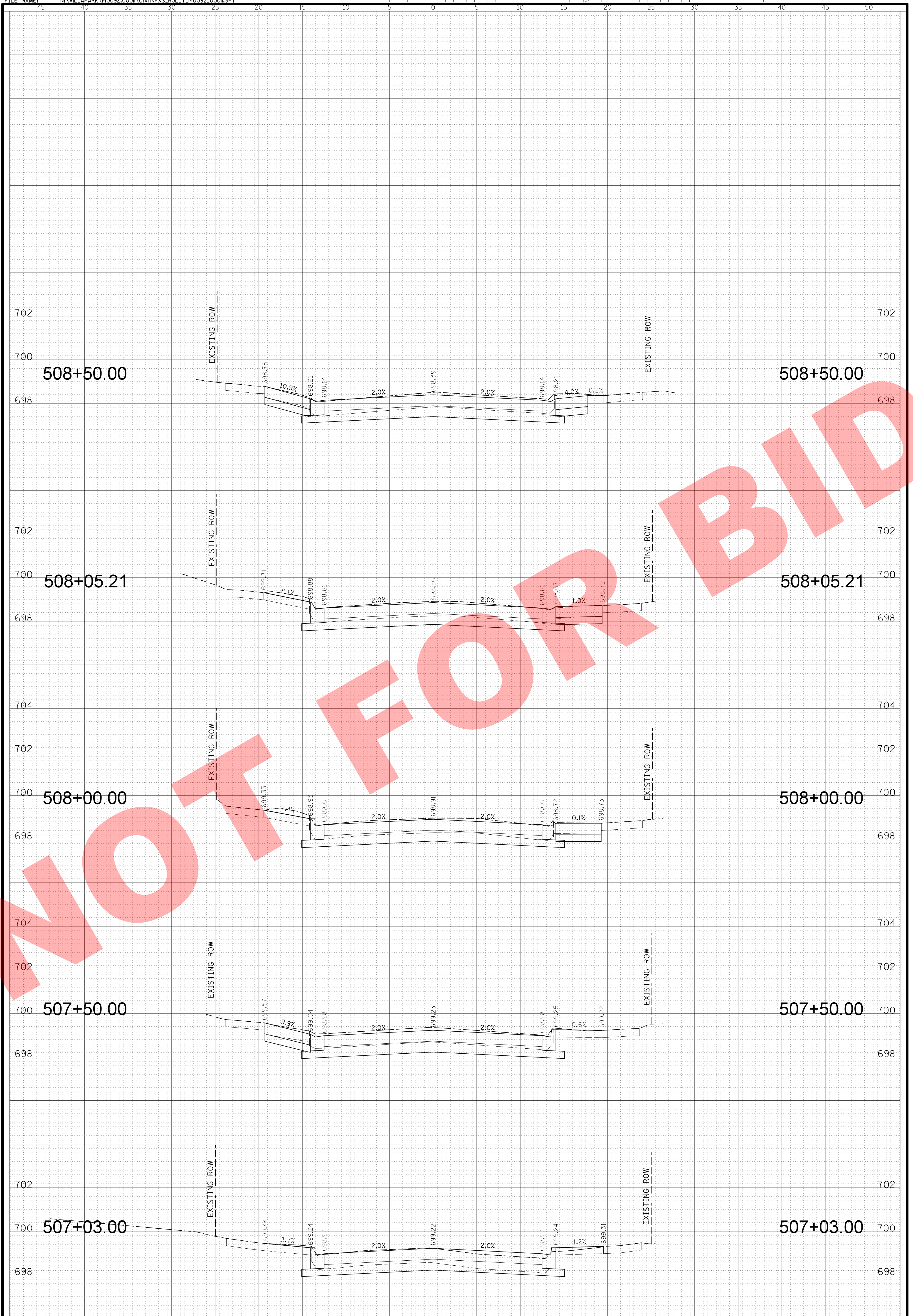
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STA. 504 + 89.56 - STA. 506 + 28.15
CROSS SECTIONS

PROJ. NO. 140092.00011
 DATE: 8/3/2018
 SHEET 30 OF 34
 DRAWING NO.

NO.	DESCRIPTION	DATE	BY	CHKD.	DESC.

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FILE NAME: N:\VILLAPARK\140092.000\CIVIL\XSS_HOLLY_140092_0001.SHT



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DSGN: AJS
 DWN: AJS
 CHKD: AMP
 SCALE: HORZ. 5
 VERT. 2
 PLOT DATE: 8/3/2018
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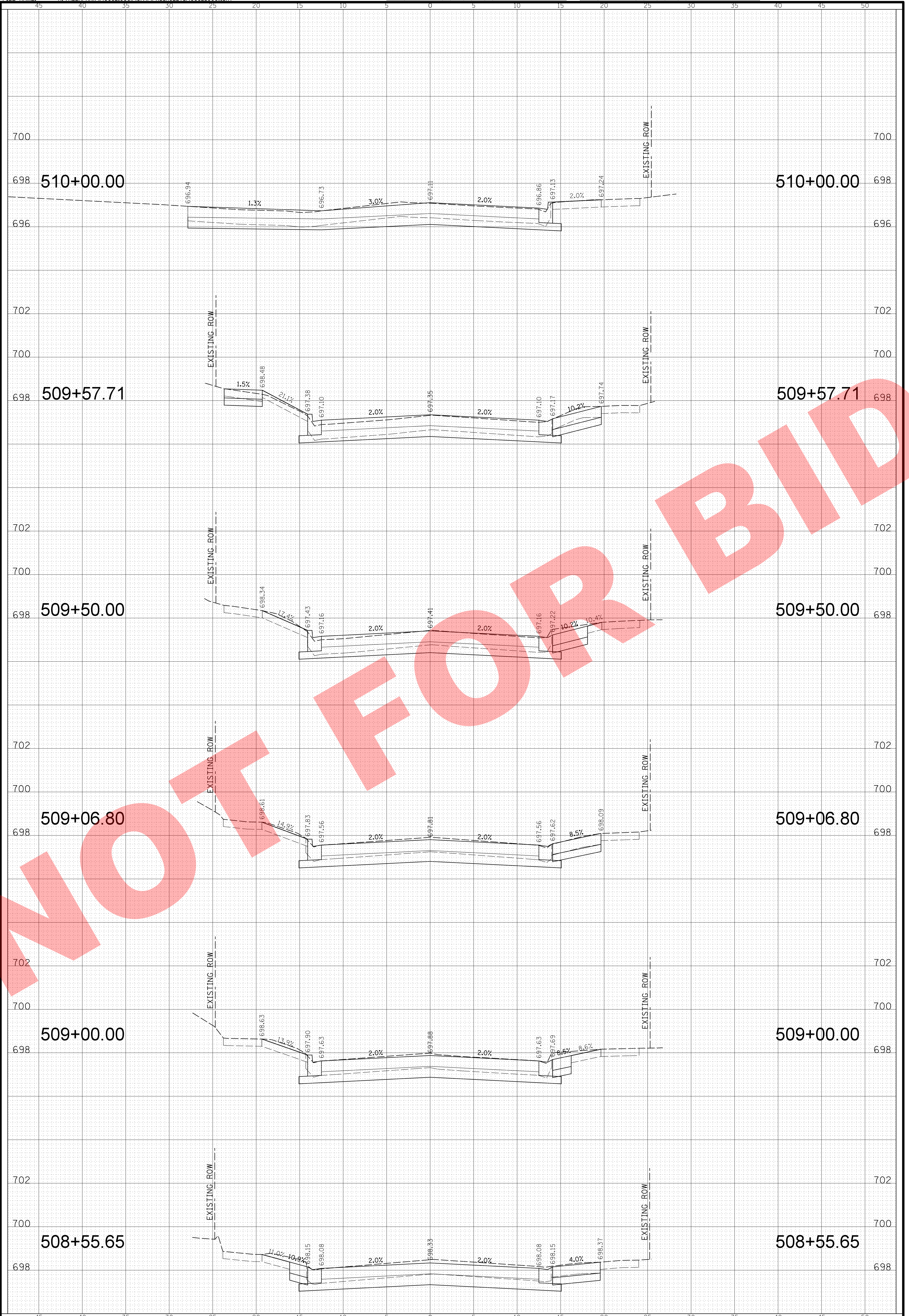
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CROSS SECTIONS

PROJ. NO. 140092.00011
 DATE: 8/3/2018
 SHEET 31 OF 34
 DRAWING NO.

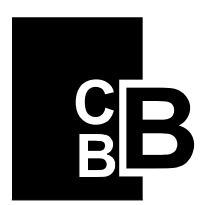
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NO.	DESCRIPTION	DATE	BY	CHKD.	REVISION

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DSGN.	AJS
DWN.	AJS
CHKD.	AMP
SCALE:	HORZ. 5
	VERT. 2
PLOT DATE:	8/3/2018
CAD USER:	aschaefer
MODEL:	Default

TITLE: **HOLLY COURT**
STA. 508 + 55.65 - STA. 510 + 00.00
CROSS SECTIONS

PROJ. NO.	140092.00011
DATE:	8/3/2018
SHEET	32 OF 34
DRAWING NO.	


NO.	DATE	BY	CHKD.	DESC.

NO.	DATE	BY	CHKD.	DESC.

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DSGN.	AJS
DWN.	AJS
CHKD.	AMP
SCALE:	HORZ. 5 VERT. 2
PLOT DATE:	8/3/2018
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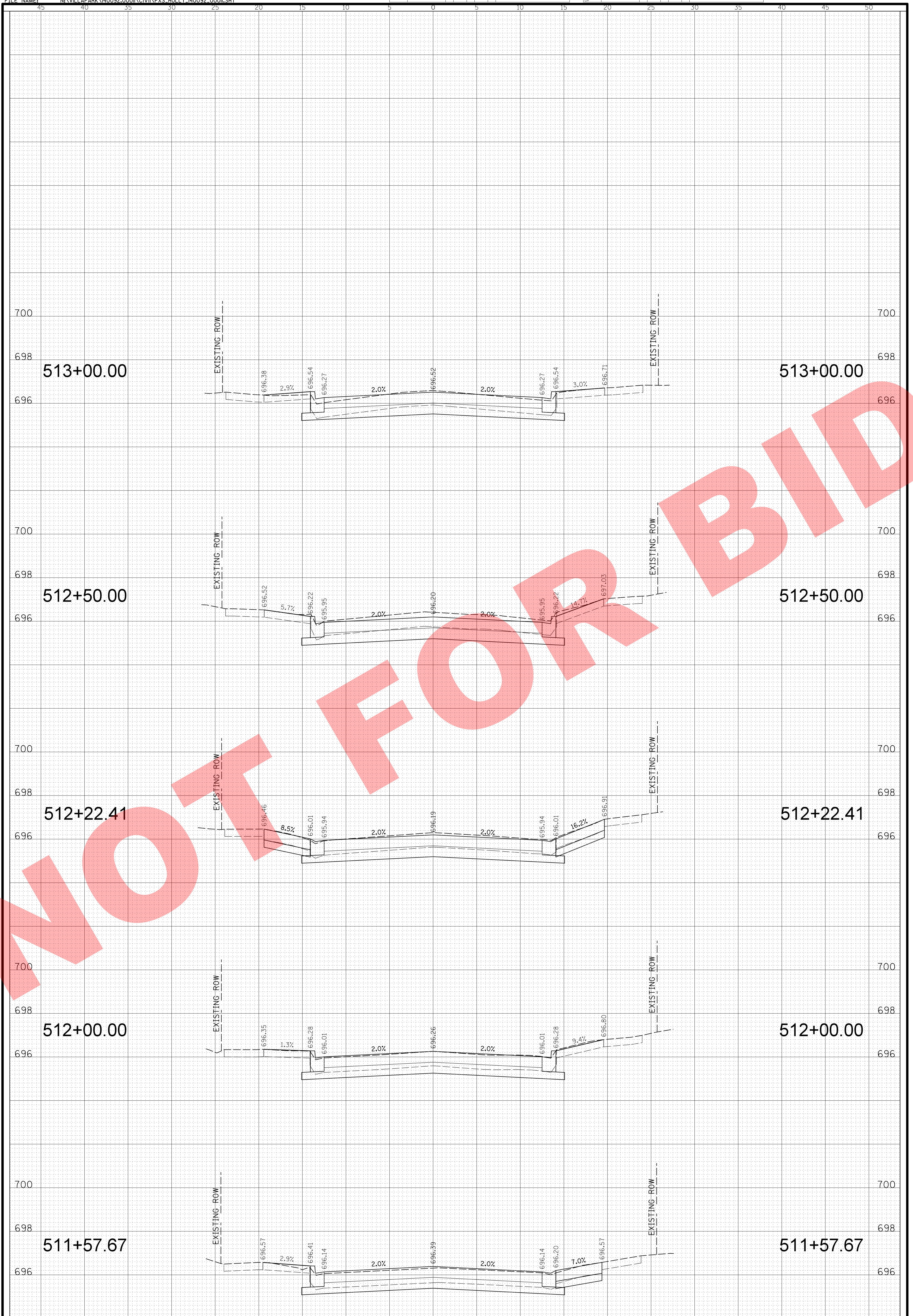
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CROSS SECTIONS

PROJ. NO. 140092.00011
 DATE: 8/3/2018
 SHEET 33 OF 34
 DRAWING NO.
33

NO.	DESCRIPTION	DATE	BY	CHKD.

NO.	DESCRIPTION	DATE	BY	CHKD.

FILE NAME: N:\VILLA PARK\140092.000\CIVIL\XSS HOLLY 140092.000\1.SHT



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DSGN:	AJS
DWN:	AJS
CHKD:	AMP
SCALE:	HORZ. 5 VERT. 2
PLOT DATE:	8/3/2018
CAD USER:	aschaefer
MODEL:	Default

TITLE: **HOLLY COURT**
STA. 511 + 57.67 - STA. 513 + 00.00
CROSS SECTIONS

PROJ. NO. 140092.00011
 DATE: 8/3/2018
 SHEET 34 OF 34
 DRAWING NO.