

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
- THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS REPRESENTS ONLY THE OPINION OF THE ENGINEER AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER AND THE ACCURACY IS NOT GUARANTEED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES, INCLUDING SPRINKLER SYSTEMS, EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL NOTIFY THE DIRECTOR OF PUBLIC WORKS 630-834-8505 AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN VILLAGE UTILITY LOCATIONS.
- ACCESS TO PRIVATE DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO. TEMPORARY RAMPS SHALL BE CONSTRUCTED AS NEEDED TO PROVIDE SUCH ACCESS, UTILIZING CRUSHED STONE OR CRUSHED GRAVEL AS TEMPORARY ACCESS.
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER, RESIDENTS AND THE VILLAGE WHEN ACCESS TO DRIVEWAYS WILL BE TEMPORARILY CLOSED. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE VILLAGE TO RESIDENTS AT LEAST 48 HOURS PRIOR TO PLANNED CLOSURE. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED.
- PORTLAND CEMENT CONCRETE SIDEWALK SHALL BE THICKENED TO 6-INCHES AT LOCATIONS WHERE THE SIDEWALK CROSSES DRIVEWAYS AND SHALL BE INCLUDED IN THE UNIT PRICE OF PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH.
- A 1/2-INCH THICK EXPANSION JOINT SHALL BE PROVIDED AT THE JUNCTION OF THE DRIVEWAY APRON AND CURB, AND AT THE JUNCTION OF THE DRIVEWAY APRON AND THE SIDEWALK. THIS WORK WILL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT.
- THE CONTRACTOR SHALL CONTACT THE LOCAL AGENCY MATERIAL INSPECTOR AT LEAST 48 HOURS PRIOR TO ANY CONCRETE OR HOT-MIX ASPHALT MATERIAL DELIVERIES.
- ANY ANTI-STRIPPING ADDITIVE REQUIRED SHALL BE INCLUDED IN THE COST OF THE SURFACE COURSE.
- ALL FRAME AND LID CASTINGS LOCATED WITHIN THE PAVEMENT WHICH REQUIRE RESETTING TO FINISH GRADE SHALL BE BACKFILLED WITH CLASS SI CONCRETE AND ALLOWED TO CURE FOR 72 HOURS PRIOR TO PLACEMENT OF SURFACE COURSE. CLASS PP CONCRETE SHALL BE USED IF PLACEMENT OF SURFACE COURSE IS PLANNED IN LESS THAN 72 HOURS. HMA MATERIALS WILL NOT BE ALLOWED AS BACKFILL AROUND AN ADJUSTED CASTING. THIS WORK SHALL APPLY TO ALL CASTINGS ADJUSTED OR RECONSTRUCTED AS PART OF THIS CONTRACT, WHETHER PAID FOR SEPARATELY OR INCLUDED IN OTHER CONTRACT WORK.
- THE DAYS PAVING OPERATION SHOULD RESULT IN A SINGLE TRANSVERSE JOINT. ANY COLD LONGITUDINAL JOINTS WILL NOT BE ACCEPTED. PROVIDING A SINGLE TRANSVERSE JOINT SHALL BE ACCOMPLISHED BY PAVING ONE LANE OF SUFFICIENT LENGTH THAT WILL ALLOW FOR THE PAVING OF THE ADJACENT LANE IN THE SAME DAY.
- ALL POSTS, RAILROAD TIES, AND DECORATIVE TIMBER IN CONFLICT WITH THE PROPOSED IMPROVEMENTS SHALL BE REMOVED AND RELOCATED AS DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION AND SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION. EVERY EFFORT SHALL BE MADE BY THE CONTRACTOR WHEN REMOVING THESE ITEMS TO PRESERVE THEM FROM HARM. ITEMS NOT RELOCATED SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.
- PRIOR TO CONSTRUCTION OF ANY PROPOSED UTILITIES, THE CONTRACTOR SHALL EXCAVATE AND LOCATE THE EXISTING UTILITIES TO VERIFY THEIR LOCATION, SIZE, AND DEPTH TO INSURE THAT GRADE CONFLICTS WILL NOT OCCUR. THE COST OF THIS EXPLORATION SHALL BE PAID FOR AS EXPLORATION TRENCH. SPECIAL IF DETERMINED NECESSARY BY THE ENGINEER. ALL OTHER EXPLORATION WILL BE AT THE CONTRACTOR'S EXPENSE.
- THE COST OF MAKING ANY SEWER CONNECTIONS TO EXISTING DRAINAGE STRUCTURES OR PIPE SHALL BE INCLUDED IN THE COST OF THE NEW SEWER OR STRUCTURE. ANY ADDITIONAL STORM SEWER PIPE REQUIRED TO MAKE THE CONNECTION SHALL BE OF THE SAME SIZE AND MATERIAL TYPE AS THE EXISTING STORM SEWER. CLAY PIPE AND OTHER SUBSTANDARD MATERIALS AS DETERMINED BY THE ENGINEER WILL NOT BE REPLACED IN KIND BUT SHALL BE REPLACED WITH SUITABLE MATERIALS. THIS WORK AND THE NECESSARY MATERIALS, INCLUDING NON-SHEAR MISSION BANDS, SHALL BE INCLUDED IN THE COST OF THE SEWER OR STRUCTURE.
- IF ANY STORM SEWER LATERALS ARE FOUND DURING CONSTRUCTION AND ARE NOT IDENTIFIED ON THE PLANS, THEY SHALL BE CONNECTED TO THE PROPOSED STORM SEWER STRUCTURES AND INCLUDED IN THE COST OF THE STORM SEWER STRUCTURES. STORM SEWER LATERALS FOUND THAT CONNECT TO THE MAINLINE SHALL BE PAID FOR AS PVC PIPE DRAINS, SDR 26 ASTM-2241. THE COST OF THE CONNECTION OF THE LATERAL TO THE MAIN SHALL BE INCLUDED IN THE COST OF THE LATERAL.
- STORM STRUCTURE OFFSET LOCATIONS ARE TO THE EDGE OF PAVEMENT IF THE STRUCTURE IS IN THE CURB LINE OR TO THE CENTER OF STRUCTURE IF THE STRUCTURE IS NOT IN THE CURBLINE.
- ALL TEMPORARY STORM SEWER PLUGS AND TEMPORARY STORM SEWER CONNECTIONS REQUIRED FOR CONSTRUCTION STAGING SHALL BE INCLUDED IN THE COST OF THE STORM SEWER CONSTRUCTION.
- FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF COST OF THE STRUCTURE.
- ALL SIGNS IN CONFLICT WITH CONSTRUCTION AND THE PROPOSED IMPROVEMENTS WILL BE RELOCATED BY THE VILLAGE
- FOR PATCHES ON STREETS NOT BEING RESURFACED UNDER THIS CONTRACT, THE TOP 2" OF MIX SHALL BE HOT-MIX ASPHALT SURFACE COURSE. EXISTING PAVEMENT SHALL BE SAW CUT FULL DEPTH PRIOR TO REMOVAL. THE SURFACE COURSE AND SAW CUTTING WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CLASS D PATCHES.
- ALL AGGREGATE USED ON THIS PROJECT SHALL BE CRUSHED MATERIAL. NO RECYCLED MATERIAL SHALL BE USED FOR UNDERGROUND WORK.
- WATER MAIN SHUT DOWNS TO COMPLETE THE WATER MAIN WORK ARE TO BE COORDINATED SO THAT NO HOUSE IS WITHOUT WATER MORE THAN TWO TIMES. CONTRACTOR TO PROVIDE 48 HOURS OF NOTICE TO AFFECTED HOUSES PRIOR SHUT DOWN AND 72 HOURS NOTICE TO THE VILLAGE.
- NEW OR REPLACEMENT CLOSED LIDS SHALL BE STAMPED TO INDICATE THE STRUCTURE TYPE. STORM LIDS SHALL BE STAMPED WITH "STORM", SANITARY LIDS SHALL BE STAMPED WITH "SANITARY" AND WATER VALVE VAULT LIDS SHALL BE STAMPED WITH "WATER". STAMPING SHALL BE INCLUDED IN THE COST OF THE NEW LID. ALL NEW TYPE 1 OPEN LIDS SHALL BE BICYCLE SAFE. ALL CLOSED LIDS SHALL BE STAMPED WITH "VILLAGE OF VILLA PARK".
- EXISTING GROUND CONTOURS AND ELEVATIONS WERE DETERMINED FROM AVAILABLE PLANS AND FIELD SURVEYS. AS DIRECTED BY THE ENGINEER, PROPOSED GROUND ELEVATIONS MAY BE REVISED TO MEET FIELD CONDITIONS.

INDEX OF SHEETS

| SHEET NO. | DESCRIPTION |
|-----------|---|
| 1 | COVER SHEET |
| 2 | INDEX OF SHEETS, HIGHWAY STANDARDS, BENCHMARKS, GENERAL NOTES AND LEGEND |
| 3 - 5 | SUMMARY OF QUANTITIES |
| 6 | SCHEDULE OF QUANTITIES |
| 7 | TYPICAL SECTIONS AND HOT-MIX ASPHALT MIXTURE REQUIREMENTS |
| 8 - 9 | REMOVAL PLAN RIDGE ROAD |
| 10 - 12 | PLAN AND PROFILE RIDGE ROAD |
| 13 | SIDEWALK DETAILS |
| 14 | EROSION AND SEDIMENT CONTROL NOTES |
| 15 - 16 | EROSION CONTROL PLAN RIDGE ROAD |
| 17 - 19 | DRAINAGE AND UTILITIES RIDGE ROAD |
| 20 - 22 | MISCELLANEOUS DETAILS |
| 23 | (BD-22) PATCHING FOR HMA SURFACED PAVEMENT |
| 24 | (TC-10) TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS |

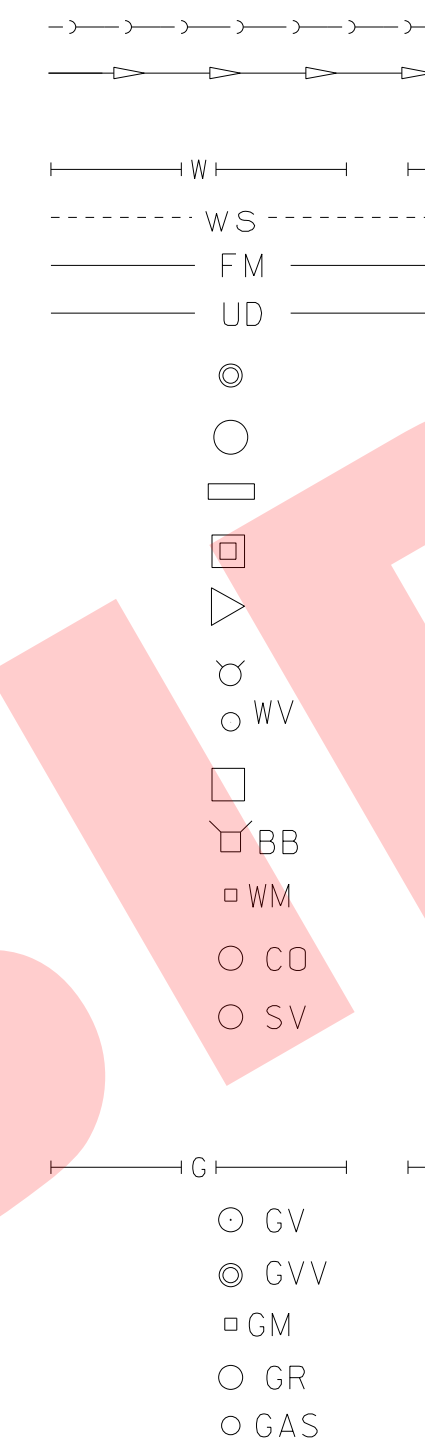
BENCHMARKS

| | |
|------|---|
| BM 1 | RAILROAD SPIKE IN SOUTH FACE OF POWER POLE AT NORTHEAST INTERSECTION OF RIDGE ROAD AND YALE AVENUE ELEV = 698.20, NAVD88 STA 10+24, 24.3' LT |
| BM 2 | RAILROAD SPIKE IN SOUTH FACE OF POWER POLE AT NORTHEAST INTERSECTION OF RIDGE ROAD AND NORTH PRINCETON AVENUE ELEV = 697.90, NAVD88 STA 14+70, 17.9' LT |

HIGHWAY STANDARDS

| | |
|-----------|--|
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 280001-07 | TEMPORARY EROSION CONTROL SYSTEMS |
| 424001-10 | PERPENDICULAR CURB RAMPS FOR SIDEWALKS |
| 604001-04 | FRAME AND LIDS TYPE 1 |
| 604051-04 | FRAME AND GRATE TYPE 11 |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS |
| 701311-03 | LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY |
| 701501-06 | URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED |
| 701801-06 | SIDEWALK, CORNER OR CROSSWALK CLOSURE |
| 701901-07 | TRAFFIC CONTROL DEVICES |
| 780001-05 | TYPICAL PAVEMENT MARKINGS |

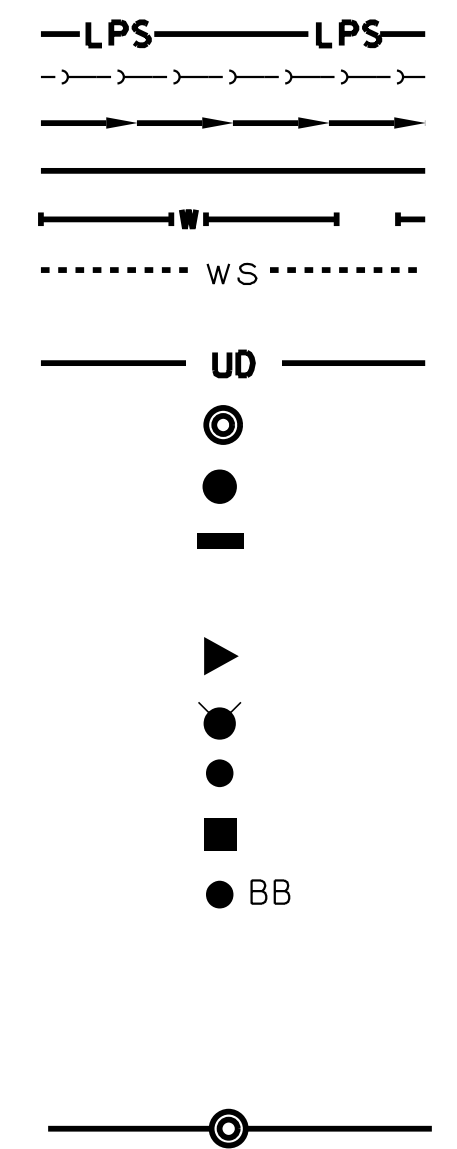
EXISTING



LEGEND

- LOW PRESSURE SEWER
- SANITARY SEWER OR SERVICE
- STORM SEWER
- STORM SEWER (FUTURE BY OTHERS)
- WATER MAIN
- WATER SERVICE
- FORCE MAIN
- UNDERDRAIN
- MANHOLE
- CATCH BASIN
- INLET
- DRYWELL
- FLARED END SECTION
- FIRE HYDRANT
- WATER VALVE W/ BOX AND COVER
- WATER VALVE VAULT
- WATER SERVICE BOX OR CURB STOP
- WATER METER
- CLEAN OUT
- SEPTIC VENT
- TO BE ABANDONED AND/OR REMOVED
- GAS LINE
- GAS VALVE W/ BOX AND COVER
- GAS VALVE VAULT
- GAS METER
- GAS RISER
- GAS SERVICE VALVE
- TELEPHONE CABLE
- TELEPHONE DUCT
- TELEPHONE VAULT
- TELEPHONE RISER
- CABLE TELEVISION (BURIED)
- CABLE T.V. RISER
- CABLE T.V. VAULT
- FIBER OPTIC
- UNDERGROUND ELECTRICAL
- ELECTRIC METER
- PAD MOUNTED TRANSFORMER
- ELECTRIC VAULT
- JUNCTION BOX
- UTILITY POLE w/ GUY ANCHOR
- UTILITY POLE w/ LIGHT
- LIGHT STANDARD
- MAIL BOX
- STREET SIGN
- RAILROAD SIGNAL
- TRAFFIC SIGNAL CONTROLLER
- TRAFFIC SIGNAL POST W/ SIGNAL HEAD
- HANDHOLE
- DECIDUOUS TREE (W/ TRUNK INCH DIA.)
- CONIFEROUS TREE (W/ HEIGHT)
- DECIDUOUS BUSH
- CONIFEROUS BUSH
- DEFINING EDGE OF BRUSH OR FORESTED AREA
- FENCE
- GUARD RAIL
- CULVERT (CMP UNLESS NOTED)
- DITCH
- SUMMIT
- EDGE OF LAKE, RIVER, ETC.
- MARSH
- TOP OR TOE OF SLOPE

PROPOSED



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**VILLAGE OF VILLA PARK, ILLINOIS
RIDGE ROAD WATER MAIN AND STREET IMPROVEMENTS**

**INDEX OF SHEETS, HIGHWAY STANDARDS,
BENCHMARKS, GENERAL NOTES AND LEGEND**

SCALE: NONE

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|----------|----------------------|--------------|-----------|
| N/A | N/A | DuPAGE | 24 | 2 |
| CONTRACT NO. N/A | | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT N/A | | |

SUMMARY OF QUANTITIES

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY |
|----------|--|-------|----------------|
| *# 1 | TREE ROOT PRUNING | EACH | 23 |
| 2 | TREE TRUNK PROTECTION | EACH | 23 |
| 3 | EARTH EXCAVATION | CU YD | 388 |
| 4 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | CU YD | 609 |
| 5 | GEOTECHNICAL FABRIC FOR GROUND STABILIZATION | SQ YD | 2,820 |
| # 6 | PARKWAY RESTORATION | SQ YD | 2,070 |
| * 7 | PERIMETER EROSION BARRIER | FOOT | 70 |
| *# 8 | INLET FILTERS | EACH | 6 |
| # 9 | AGGREGATE SUBGRADE IMPROVEMENT | CU YD | 609 |
| 10 | AGGREGATE BASE COURSE, TYPE B 4" | SQ YD | 955 |
| 11 | AGGREGATE BASE COURSE, TYPE B 6" | SQ YD | 3,067 |
| 12 | AGGREGATE BASE COURSE, TYPE B 8" | SQ YD | 96 |
| # 13 | BITUMINOUS MATERIALS (TACK COAT) | POUND | 2,540 |
| 14 | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 | TON | 649 |
| 15 | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 | TON | 337 |

* INDICATES SPECIALTY ITEM
INDICATES SPECIAL PROVISION

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY |
|----------|---|-------|----------------|
| 16 | PROTECTIVE COAT | SQ YD | 1,198 |
| # 17 | HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4" | SQ YD | 97 |
| # 18 | HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6" | SQ YD | 96 |
| 19 | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH | SQ YD | 168 |
| 20 | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH | SQ YD | 122 |
| 21 | PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH | SQ FT | 2,500 |
| 22 | PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH | SQ FT | 245 |
| # 23 | DETECTABLE WARNINGS | SQ FT | 80 |
| # 24 | PAVEMENT REMOVAL | SQ YD | 3,198 |
| 25 | HOT-MIX ASPHALT SURFACE REMOVAL, 2" | SQ YD | 110 |
| # 26 | DRIVEWAY PAVEMENT REMOVAL | SQ YD | 460 |
| 27 | COMBINATION CURB AND GUTTER REMOVAL | FOOT | 85 |
| # 28 | SIDEWALK REMOVAL | SQ FT | 1,390 |
| # 29 | CLASS D PATCHES 6 INCH | SQ YD | 115 |
| # 30 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL) | FOOT | 2,200 |

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**VILLAGE OF VILLA PARK, ILLINOIS
RIDGE ROAD WATER MAIN AND STREET IMPROVEMENTS**

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

| | | | | |
|---------------------|---------|--------|-------------------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| N/A | N/A | DUPAGE | 24 | 3 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT N/A | |
| | | | CONTRACT NO. N/A | |

SUMMARY OF QUANTITIES

| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY |
|---|----------|---|-------|----------------|
| # | 31 | STORM SEWERS (WATER MAIN REQUIREMENTS) 12" | FOOT | 41 |
| # | 32 | STORM SEWERS (WATER MAIN REQUIREMENTS) 15" | FOOT | 7 |
| # | 33 | TRAFFIC CONTROL AND PROTECTION (SPECIAL) | L SUM | 1.00 |
| * | 34 | THERMOPLASTIC PAVEMENT MARKING - LINE 6" | FOOT | 50 |
| * | 35 | THERMOPLASTIC PAVEMENT MARKING - LINE 12" | FOOT | 102 |
| | 36 | FRAMES AND GRATES, TYPE 11 | EACH | 4 |
| | 37 | FRAMES AND LIDS, TYPE 1, CLOSED LID | EACH | 7 |
| | 38 | FRAMES AND LIDS, TYPE 1, OPEN LID | EACH | 1 |
| # | 39 | DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED | EACH | 9 |
| # | 40 | DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED | EACH | 1 |
| # | 41 | SANITARY MANHOLES TO BE ADJUSTED | EACH | 3 |
| # | 42 | DUST CONTROL WATERING | UNIT | 17 |
| # | 43 | TEMPORARY ACCESS (PRIVATE ENTRANCE) | EACH | 18 |
| # | 44 | TEMPORARY ACCESS (COMMERCIAL ENTRANCE) | EACH | 4 |
| # | 45 | TEMPORARY ACCESS (ROAD) | EACH | 4 |

* INDICATES SPECIALTY ITEM
INDICATES SPECIAL PROVISION

| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY |
|---|----------|--|-------|----------------|
| # | 46 | EXPLORATION TRENCH, SPECIAL | FOOT | 200 |
| # | 47 | CONSTRUCTION LAYOUT | LSUM | 1.00 |
| # | 48 | TRENCH BACKFILL (WATER MAIN) | CU YD | 1,440 |
| # | 49 | DUCTILE IRON WATER MAIN, OPEN CUT, 6" | FOOT | 70 |
| # | 50 | DUCTILE IRON WATER MAIN, OPEN CUT, 8" | FOOT | 747 |
| # | 51 | DUCTILE IRON WATER MAIN, OPEN CUT, RESTRAINED JOINT TYPE, 8" | FOOT | 307 |
| # | 52 | CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE), 4" | EACH | 3 |
| # | 53 | CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE), 8" | EACH | 1 |
| # | 54 | CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE), 12" | EACH | 1 |
| # | 55 | WATER VALVE, 4" | EACH | 1 |
| # | 56 | WATER VALVE, 8" | EACH | 5 |
| # | 57 | WATER VALVE, 12" | EACH | 2 |
| # | 58 | VALVE VAULT, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 6 |
| # | 59 | VALVE VAULT, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 2 |
| # | 60 | FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX | EACH | 4 |

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**VILLAGE OF VILLA PARK, ILLINOIS
RIDGE ROAD WATER MAIN AND STREET IMPROVEMENTS**

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

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|---------------------|---------|--------|-------------------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| N/A | N/A | | 24 | 4 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT N/A | |
| | | | CONTRACT NO. N/A | |

SUMMARY OF QUANTITIES

| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY |
|---|----------|--|--------|----------------|
| # | 61 | WATER SERVICE CONNECTION, 1" LONG | EACH | 8 |
| # | 62 | WATER SERVICE CONNECTION, 2" LONG | EACH | 1 |
| # | 63 | WATER SERVICE CONNECTION, 1" SHORT | EACH | 9 |
| # | 64 | WATER MAIN ABANDONMENT | EACH | 3 |
| # | 65 | VALVE VAULT TO BE REMOVED | EACH | 3 |
| # | 66 | FIRE HYDRANTS TO BE REMOVED | EACH | 3 |
| # | 67 | SANITARY SEWER SERVICE CONNECTION | EACH | 3 |
| # | 68 | SANITARY SEWER SERVICE PIPE (OPEN CUT) | FOOT | 100 |
| # | 69 | SANITARY SEWER SERVICE ABANDONMENT | EACH | 1 |
| # | 70 | COMBINATION CLEAN OUT-CHECK OUT VALVE | EACH | 3 |
| # | 71 | SANITARY SEWER PIPE, PVC SDR 26 ASTM D-2241, 6" | FOOT | 21 |
| # | 72 | SANITARY MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 1 |
| # | 73 | PRECONSTRUCTION VIDEO RECORDING | L SUM | 1.00 |
| # | 74 | WATER USAGE DEDUCTION | TGAL | 100 |
| # | 75 | WATER USAGE CREDIT | TGAL | 100 |
| # | 76 | CONTINGENCY ALLOWANCE | DOLLAR | 30,000 |

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INDICATES SPECIAL PROVISION



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RIDGE ROAD WATER MAIN AND STREET IMPROVEMENTS**

SUMMARY OF QUANTITIES

SCALE: NONE

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| | | | | |
|---------------------|---------|--------|-------------------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| N/A | N/A | | 24 | 5 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT N/A | |

SCHEDULE OF QUANTITIES

| DRIVEWAY SCHEDULE | | | | | | | | | | | | |
|-------------------|------|------|----------------------------------|----------------------------------|----------------------------------|---------------------------------------|---------------------------------------|--|--|---------------------------------|--|---|
| STATION | SIDE | TYPE | AGGREGATE BASE COURSE, TYPE B 4" | AGGREGATE BASE COURSE, TYPE B 6" | AGGREGATE BASE COURSE, TYPE B 8" | HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4" | HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6" | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH SQ YD | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH SQ YD | DRIVEWAY PAVEMENT REMOVAL SQ YD | TEMPORARY ACCESS (PRIVATE ENTRANCE) EACH | TEMPORARY ACCESS (COMMERCIAL ENTRANCE) EACH |
| 9+72 | LT | CE | | 41 | 84 | | 84 | | 41 | 114 | | 1 |
| 10+10 | LT | CE | | 24 | | | | | 24 | 12 | | 1 |
| 10+61 | LT | CE | | 18 | | | | | 18 | 18 | | 1 |
| 11+27 | RT | PE | 26 | | | | | 26 | | 26 | 1 | |
| 11+69 | LT | CE | | 39 | | | | | 39 | 39 | | 1 |
| 12+57 | LT | PE | | 17 | | 17 | | | | 17 | 1 | |
| 13+06 | RT | PE | 19 | | | | | 19 | | 19 | 1 | |
| 13+08 | LT | PE | | 18 | | 18 | | | | 18 | 1 | |
| 13+65 | LT | PE | | 28 | | 28 | | | | 28 | 1 | |
| 14+60 | LT | PE | | 15 | | 15 | | | | 15 | 1 | |
| 15+12 | LT | PE | 14 | | | | | 14 | | 14 | 1 | |
| 15+65 | LT | PE | 15 | | | | | 15 | | 15 | 1 | |
| 16+14 | LT | PE | 15 | | | | | 15 | | 15 | 1 | |
| 16+63 | LT | PE | 15 | | | | | 15 | | 15 | 1 | |
| 17+00 | LT | PE | | | 12 | | 12 | | | 12 | 1 | |
| 17+12 | LT | PE | 15 | | | | | 15 | | 15 | 1 | |
| 17+62 | LT | PE | 14 | | | | | 14 | | 14 | 1 | |
| 18+12 | LT | PE | 14 | | | | | 14 | | 14 | 1 | |
| 19+15 | RT | PE | 8 | | | | | 8 | | 8 | 1 | |
| 19+54 | RT | PE | 7 | | | | | 7 | | 7 | 1 | |
| 20+69 | RT | PE | 6 | | | | | 6 | | 6 | 1 | |
| 21+04 | RT | PE | | 19 | | 19 | | | | 19 | 1 | |
| | | | 168 | 219 | 96 | 97 | 96 | 168 | 122 | 460 | 18 | 4 |

| ADJUSTMENT SCHEDULE | | | | | | | |
|---------------------|------|---|--|---------------------------------------|---------------------------------|--|--|
| STATION | SIDE | DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED EACH | DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED EACH | SANITARY MANHOLES TO BE ADJUSTED EACH | FRAMES AND GRATES, TYPE 11 EACH | FRAMES AND LIDS, TYPE 1, CLOSED LID EACH | FRAMES AND LIDS, TYPE 1, OPEN LID EACH |
| 10+10 | 10' | LT | 1 | | | 1 | |
| 10+10 | 41' | RT | 1 | | | 1 | |
| 10+13 | 14' | LT | 1 | | | | 1 |
| 10+20 | 2' | LT | | | 1 | 1 | |
| 10+32 | 28' | LT | 1 | | | | |
| 10+33 | 10' | LT | 1 | | | 1 | |
| 10+35 | 13' | RT | | 1 | | 1 | |
| 14+48 | 5' | LT | 1 | | | 1 | |
| 14+92 | 12' | LT | 1 | | | 1 | |
| 14+99 | 12' | RT | 1 | | | 1 | |
| 16+94 | 11' | RT | | | 1 | 1 | |
| 17+88 | 9' | RT | | | 1 | 1 | |
| 21+00 | 8' | RT | 1 | | | 1 | |
| | | | 9 | 1 | 3 | 4 | 7 |

| INLET FILTER SCHEDULE | | | |
|-----------------------|------|----|--------------------|
| STATION | SIDE | | INLET FILTERS EACH |
| 10+13 | 16' | LT | 1 |
| 10+35 | 13' | RT | 1 |
| 14+47 | 30' | RT | 1 |
| 14+92 | 12' | LT | 1 |
| 14+99 | 12' | RT | 1 |
| 21+00 | 8' | RT | 1 |
| | | | 6 |

| TREE SCHEDULE | | | |
|---------------|------|----------------------------|------------------------|
| STATION | SIDE | TREE TRUNK PROTECTION EACH | TREE ROOT PRUNING EACH |
| 10+58 | RT | 1 | 1 |
| 10+79 | LT | 1 | 1 |
| 11+05 | RT | 1 | 1 |
| 11+35 | LT | 1 | 1 |
| 11+48 | RT | 1 | 1 |
| 11+92 | LT | 1 | 1 |
| 12+37 | LT | 1 | 1 |
| 12+84 | RT | 1 | 1 |
| 12+85 | RT | 1 | 1 |
| 12+88 | LT | 1 | 1 |
| 13+35 | LT | 1 | 1 |
| 13+41 | RT | 1 | 1 |
| 13+90 | RT | 1 | 1 |
| 13+92 | LT | 1 | 1 |
| 14+98 | LT | 1 | 1 |
| 15+21 | RT | 1 | 1 |
| 15+42 | LT | 1 | 1 |
| 15+72 | RT | 1 | 1 |
| 15+93 | LT | 1 | 1 |
| 16+43 | LT | 1 | 1 |
| 17+36 | LT | 1 | 1 |
| 17+83 | LT | 1 | 1 |
| 17+96 | RT | 1 | 1 |
| | | 23 | 23 |

| PAVEMENT SCHEDULE | | | | | | | |
|-------------------|----------------------------------|----------------------------------|----------------------------------|-------------------|------------|--------------------|------------|
| LOCATION | AGGREGATE BASE COURSE TYPE B, 4" | AGGREGATE BASE COURSE TYPE B, 6" | AGGREGATE BASE COURSE TYPE B, 8" | HMA BINDER COURSE | | HMA SURFACE COURSE | |
| | SQ YD | SQ YD | SQ YD | SQ YD | TON | SQ YD | TON |
| CURB | 509 | | | | | | |
| SIDEWALK, 5" | 278 | | | | | | |
| SIDEWALK, 8" | | 28 | | | | | |
| HMA DRIVEWAY, 4" | | 97 | | | | | |
| HMA DRIVEWAY, 6" | | | 96 | | | | |
| PCC DRIVEWAY, 6" | 168 | | | | | | |
| PCC DRIVEWAY, 8" | | 122 | | | | | |
| RESURFACE AREA | | | | | | 110 | 13 |
| PAVEMENT AREA | | 2,820 | | 2,820 | 649 | 2,820 | 324 |
| TOTAL | 955 | 3,067 | 96 | 2,820 | 649 | 2,930 | 337 |

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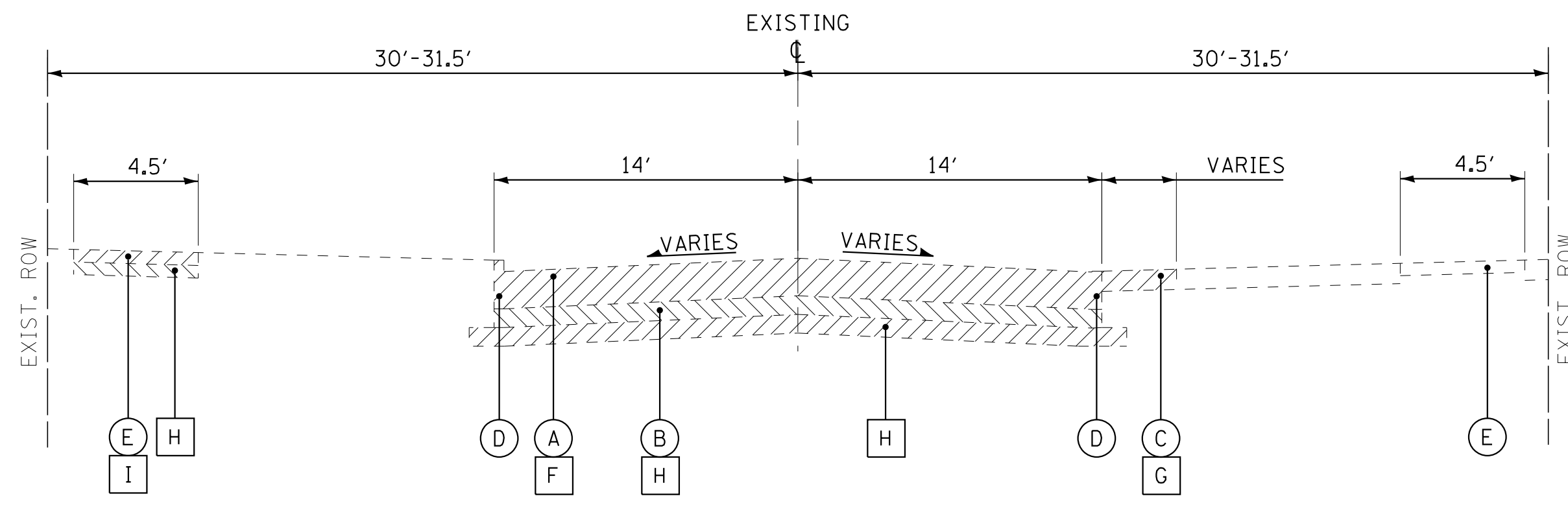
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**VILLAGE OF VILLA PARK, ILLINOIS
RIDGE ROAD WATER MAIN AND STREET IMPROVEMENTS**

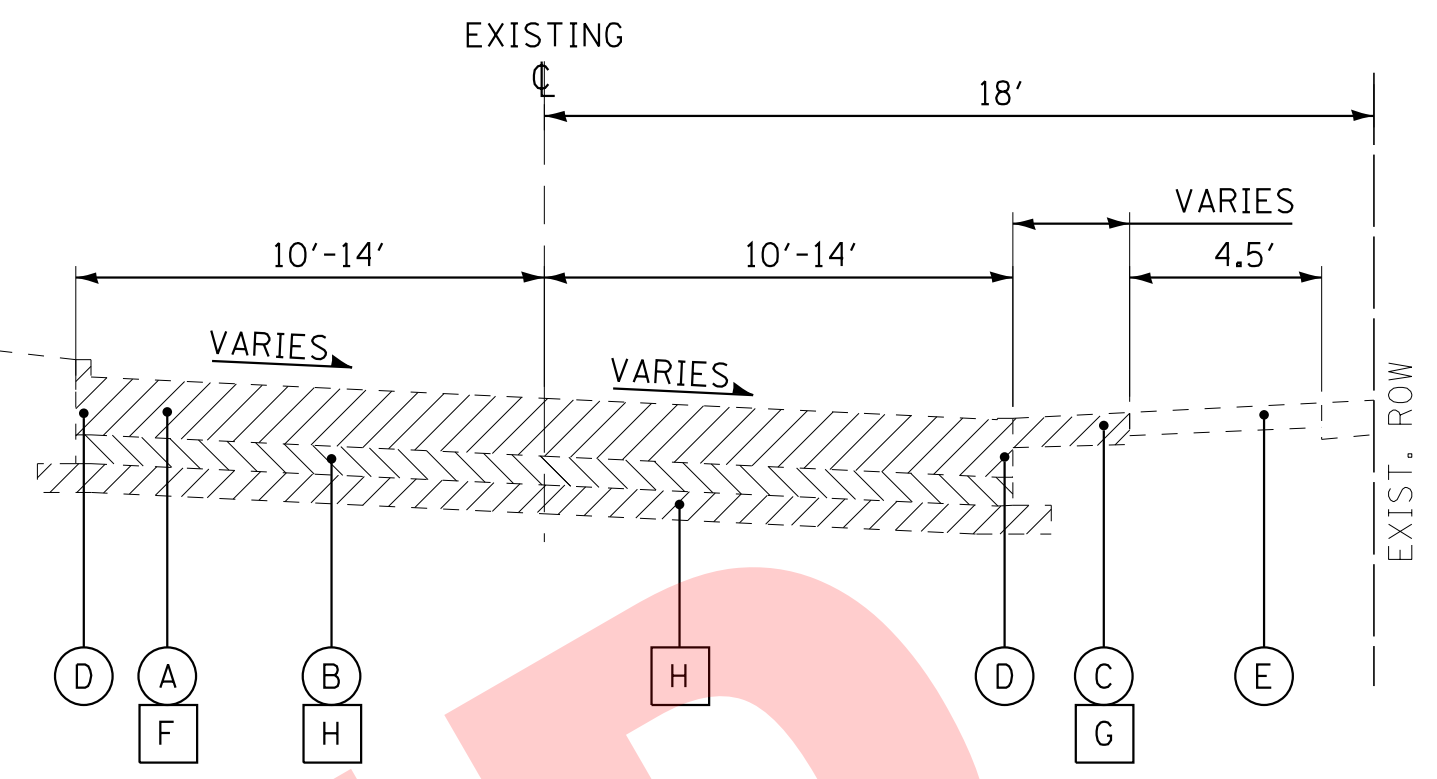
SCHEDULE OF QUANTITIES

SCALE: NONE STA. TO STA.

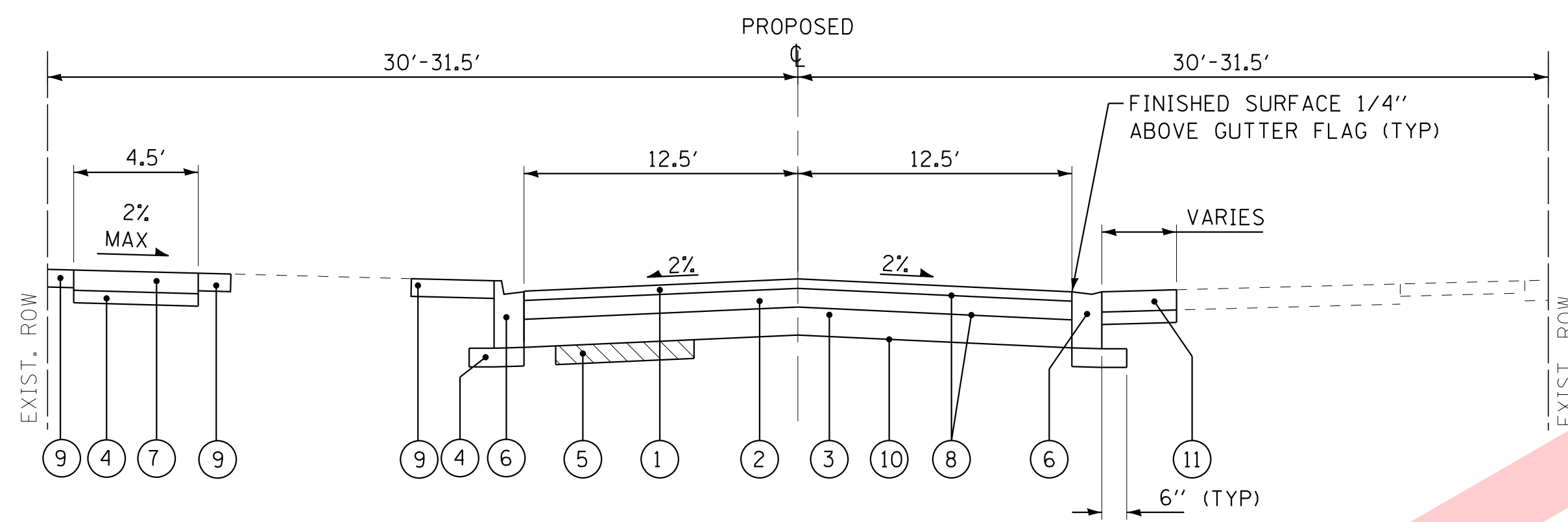
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| FED. ROAD DIST. NO. | | | CONTRACT NO. N/A | |
| ILLINOIS | | | FED. AID PROJECT N/A | |



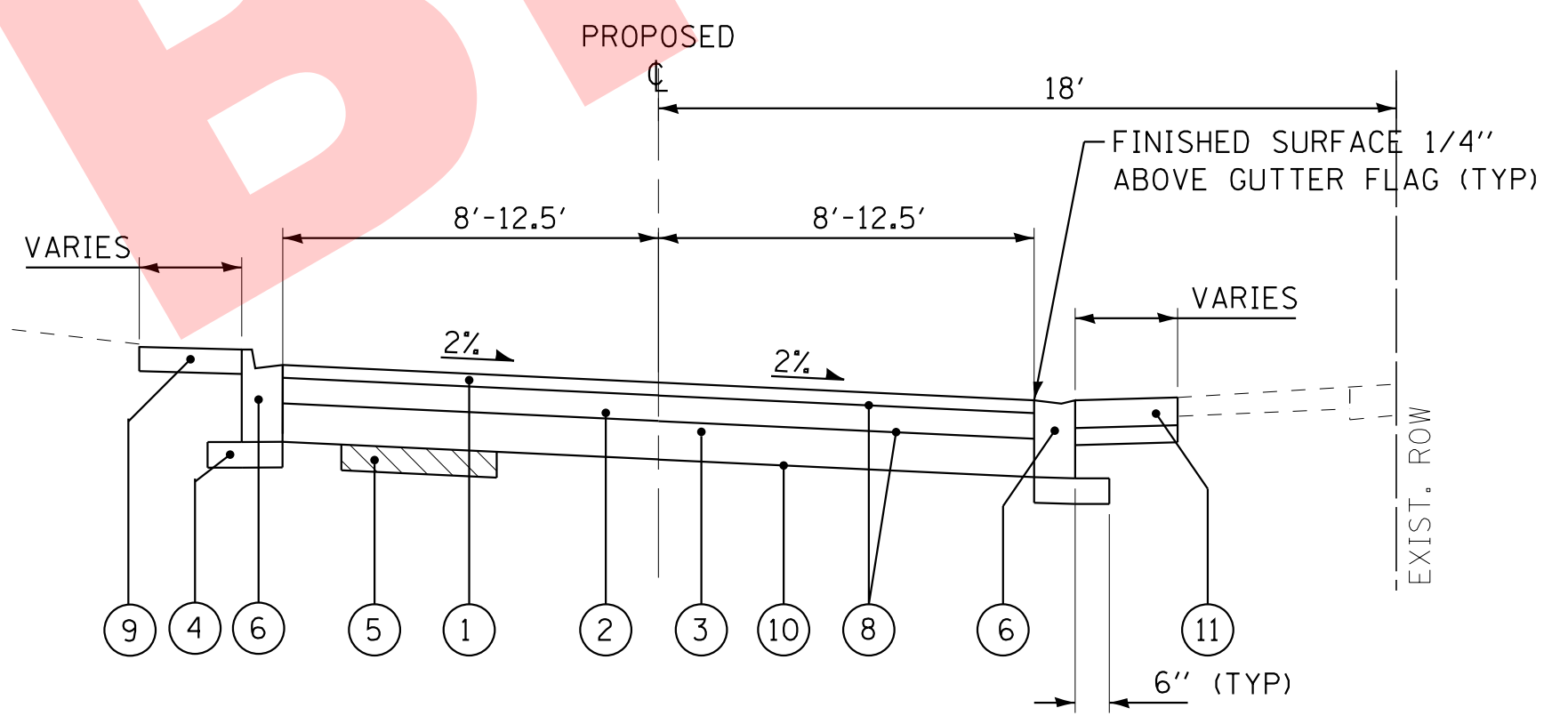
EXISTING TYPICAL SECTION
RIDGE ROAD
STA 9+88 TO STA 18+16



EXISTING TYPICAL SECTION
RIDGE ROAD
STA 18+16 TO STA 21+13



PROPOSED TYPICAL SECTION
RIDGE ROAD
STA 9+88 TO STA 18+16



PROPOSED TYPICAL SECTION
RIDGE ROAD
STA 18+16 TO STA 21+13

EXISTING LEGEND

- (A) PAVEMENT (SEE CORE REPORT FOR THICKNESS)
- (B) AGGREGATE BASE COURSE (SEE CORE REPORT FOR THICKNESS)
- (C) DRIVEWAY
- (D) MONOLITHIC CURB
- (E) SIDEWALK
- (F) PAVEMENT REMOVAL
- (G) DRIVEWAY PAVEMENT REMOVAL (AS DETERMINED BY THE ENGINEER)
- (H) EARTH EXCAVATION
- (I) SIDEWALK REMOVAL (AS DETERMINED BY THE ENGINEER)
- (I) REMOVAL ITEM

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 4"
- (3) AGGREGATE BASE COURSE, TYPE B, 6"
- (4) AGGREGATE BASE COURSE, TYPE B, 4"
- (5) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS AND AGGREGATE SUBGRADE IMPROVEMENT (AS DETERMINED BY THE ENGINEER)
- (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
- (7) PCC SIDEWALK 5 INCH
- (8) BITUMINOUS MATERIALS (TACK COAT)
- (9) PARKWAY RESTORATION (AS DETERMINED BY THE ENGINEER)
- (10) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (11) DRIVEWAY PAVEMENT (AS DETERMINED BY THE ENGINEER)

PAVEMENT CORE INFORMATION

| EXISTING PAVEMENT DATA | | | |
|------------------------|--------------|---------------|-----------------|
| CORE/BORING NUMBER | PCC PVT INCH | AGG BASE INCH | TOTAL PAVT INCH |
| 1 | 6.25 | 7.75 | 14.0 |
| 2 | 5.25 | 8.75 | 14.0 |
| 3 | 5.50 | 9.50 | 15.0 |
| 4 | 6.00 | 6.00 | 12.0 |

- NOTES:**
- AGGREGATE SUBGRADE IMPROVEMENT (ASI) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ASI WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. ALL POTENTIALLY UNSUITABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSUITABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

| MIXTURE TYPE | AIR VOIDS @ Ndes |
|--|------------------|
| PAVEMENT RECONSTRUCTION | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 2" | 4% @ 50 Gyr. |
| HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4" | 4% @ 50 Gyr. |
| PAVEMENT RESURFACING | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 2" | 4% @ 50 Gyr. |
| DRIVEWAYS (PRIVATE ENTRANCE) | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 1 1/2" | 4% @ 50 Gyr. |
| HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2 1/2" | 4% @ 50 Gyr. |
| DRIVEWAYS (COMMERCIAL ENTRANCE) | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 2" | 4% @ 50 Gyr. |
| HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4" | 4% @ 50 Gyr. |
| PATCHING | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 2" | 4% @ 50 Gyr. |
| HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4" | 4% @ 50 Gyr. |

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

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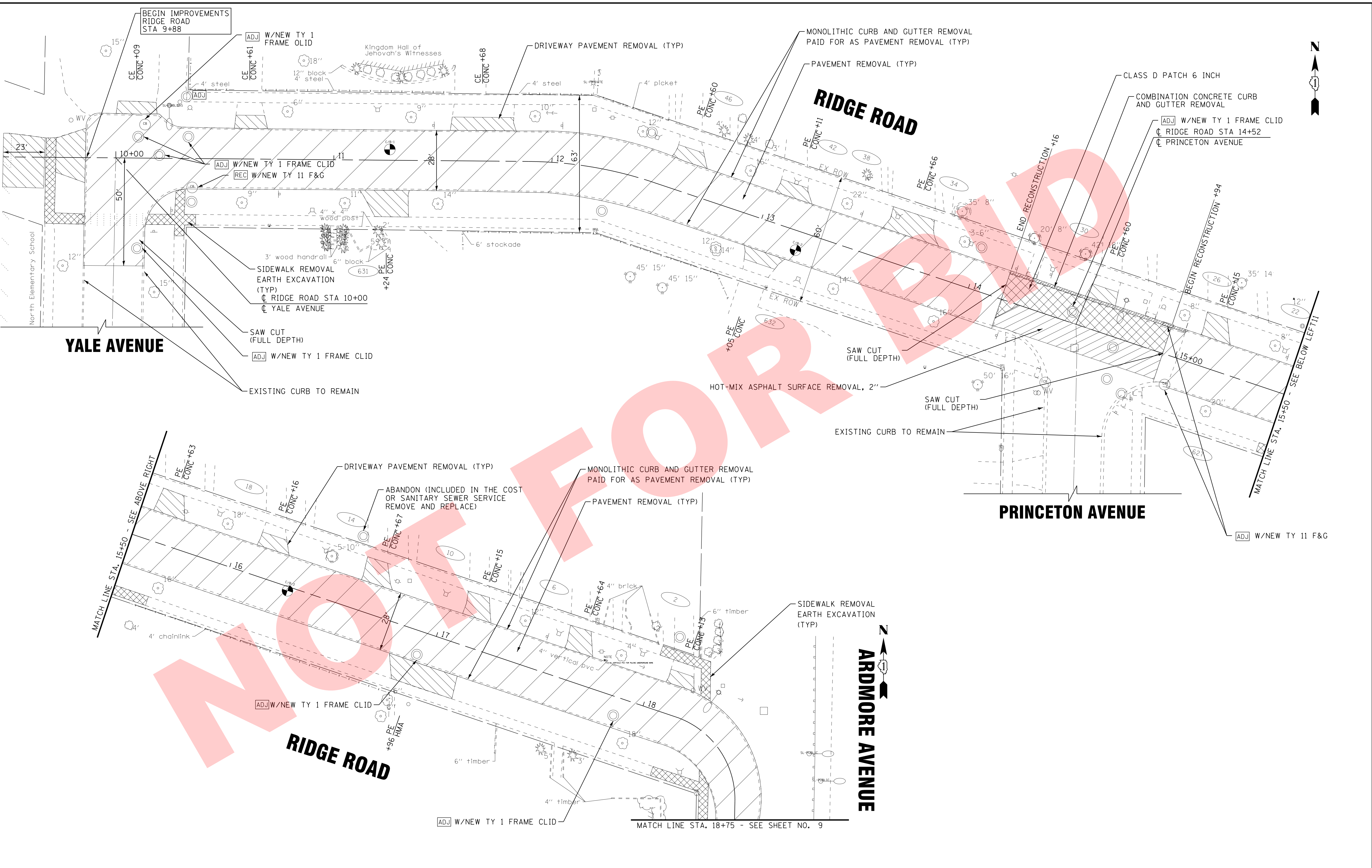
VILLAGE OF VILLA PARK, ILLINOIS
RIDGE ROAD WATER MAIN AND STREET IMPROVEMENTS

TYPICAL SECTIONS AND HMA MIXTURE REQUIREMENTS

SCALE: NONE STA. TO STA.

| | | | | |
|---------------------|---------|--------|-------------------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| N/A | N/A | DuPAGE | 24 | 7 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT N/A | |

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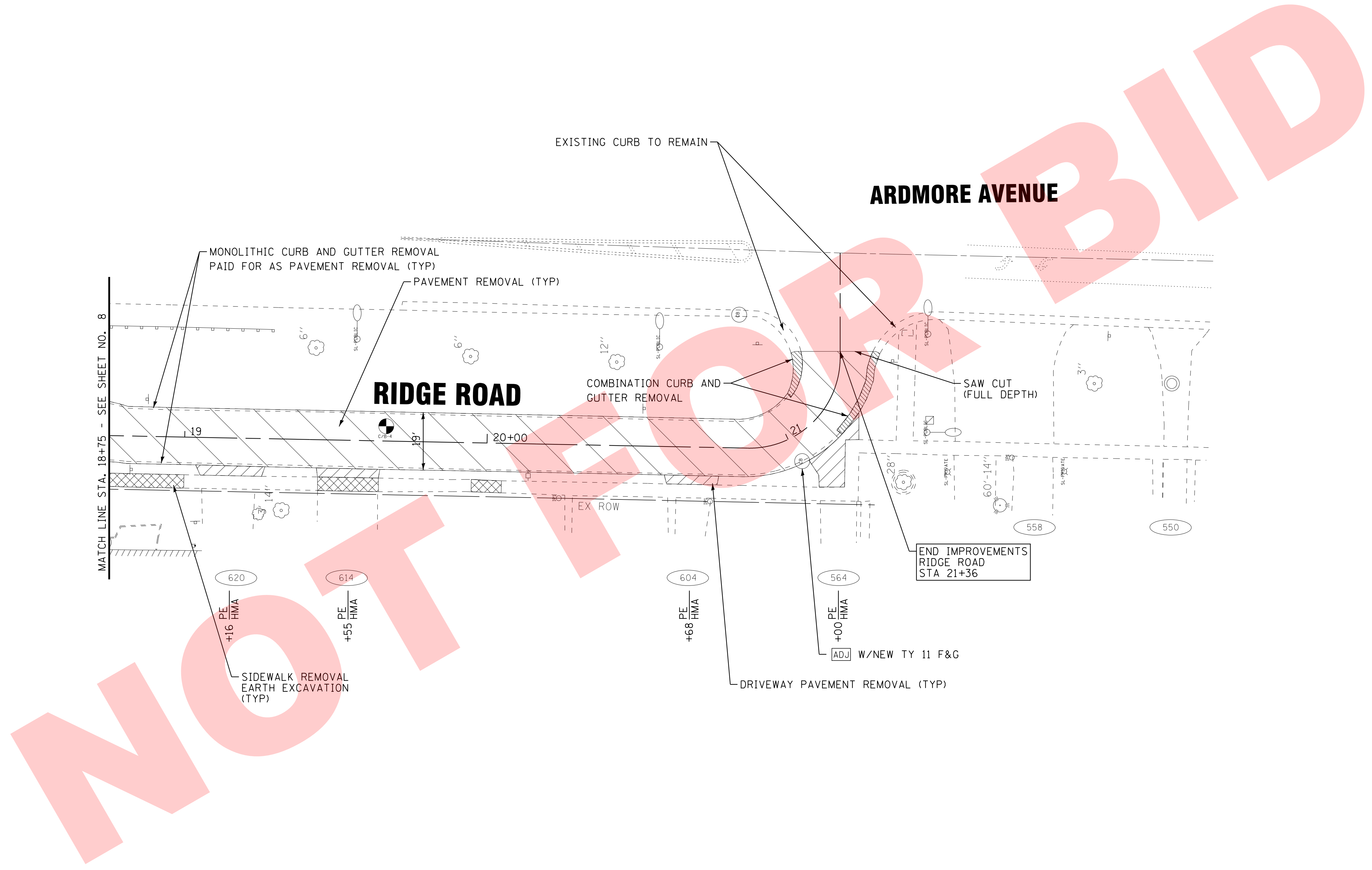


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| | DATE - 02-23-18 | FILE - 160873SHT-Removal-1.dgn |

VILLAGE OF VILLA PARK, ILLINOIS
RIDGE ROAD WATER MAIN AND STREET IMPROVEMENTS

REMOVAL PLAN
RIDGE ROAD
 SCALE: 1" = 20'
 STA. 10+00 TO STA. 15+50

| | | | | |
|---|---------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| N/A | N/A | DuPAGE | 24 | 8 |
| CONTRACT NO. N/A | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT N/A | | | | |



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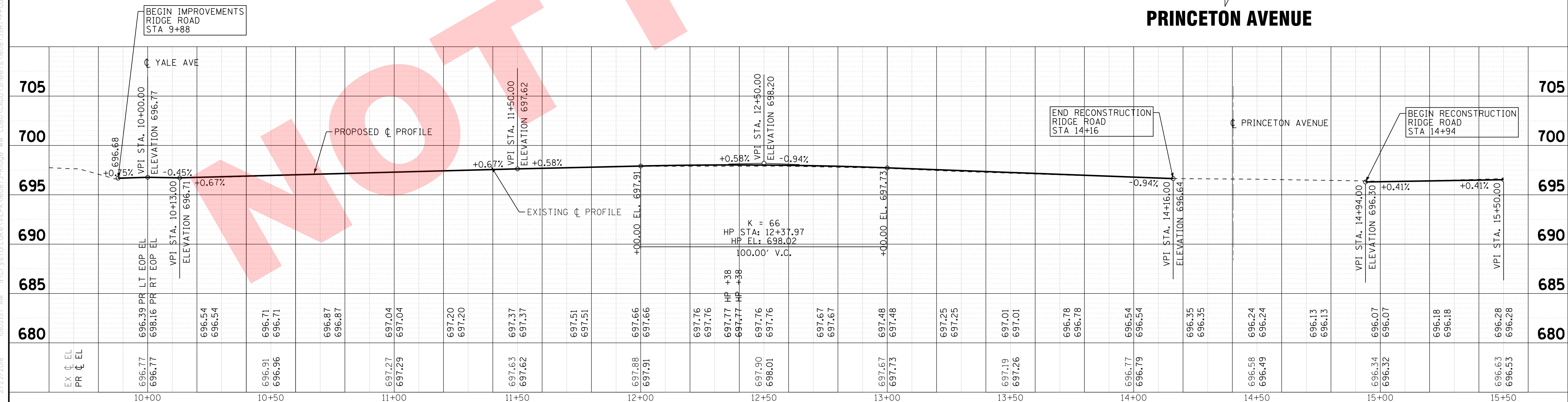
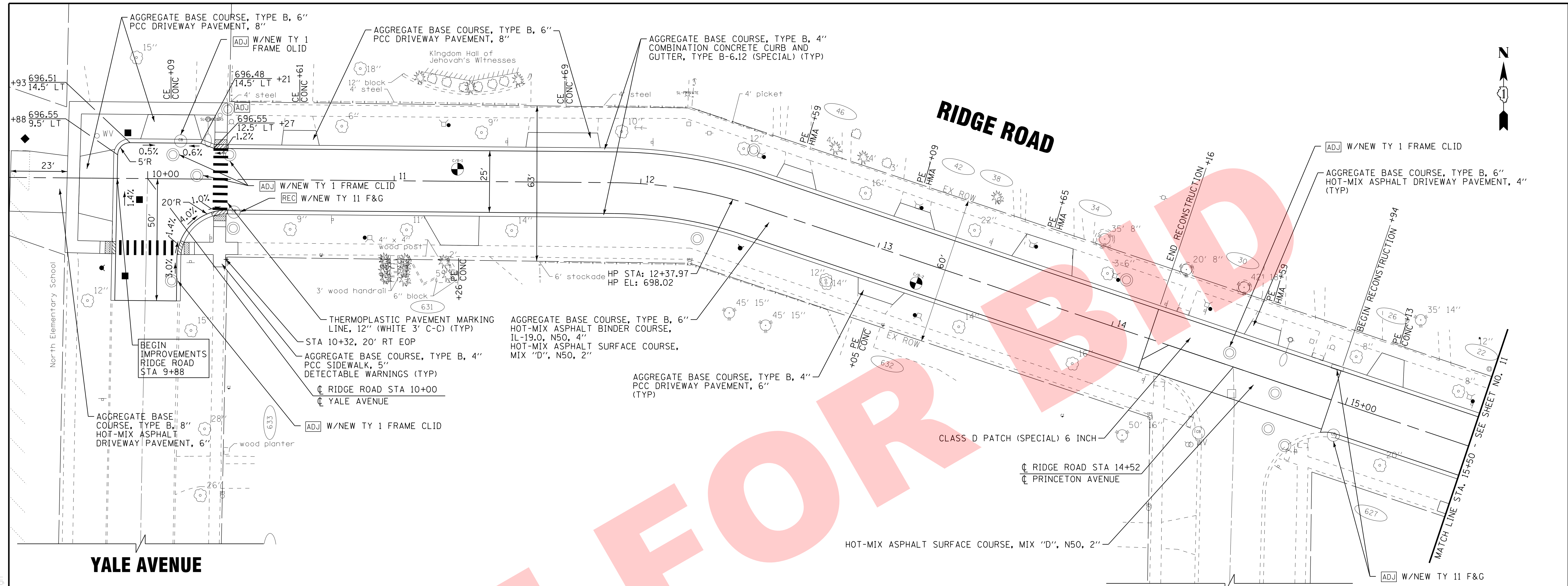
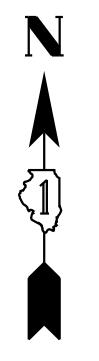
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**VILLAGE OF VILLA PARK, ILLINOIS
 RIDGE ROAD WATER MAIN AND STREET IMPROVEMENTS**

**REMOVAL PLAN
 RIDGE ROAD**

SCALE: 1" = 20' STA. 18+75 TO STA. 15+50

| | | | | |
|---------------------|---------|--------|-------------------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| N/A | N/A | | 24 | 9 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT N/A | |
| | | | CONTRACT NO. N/A | |



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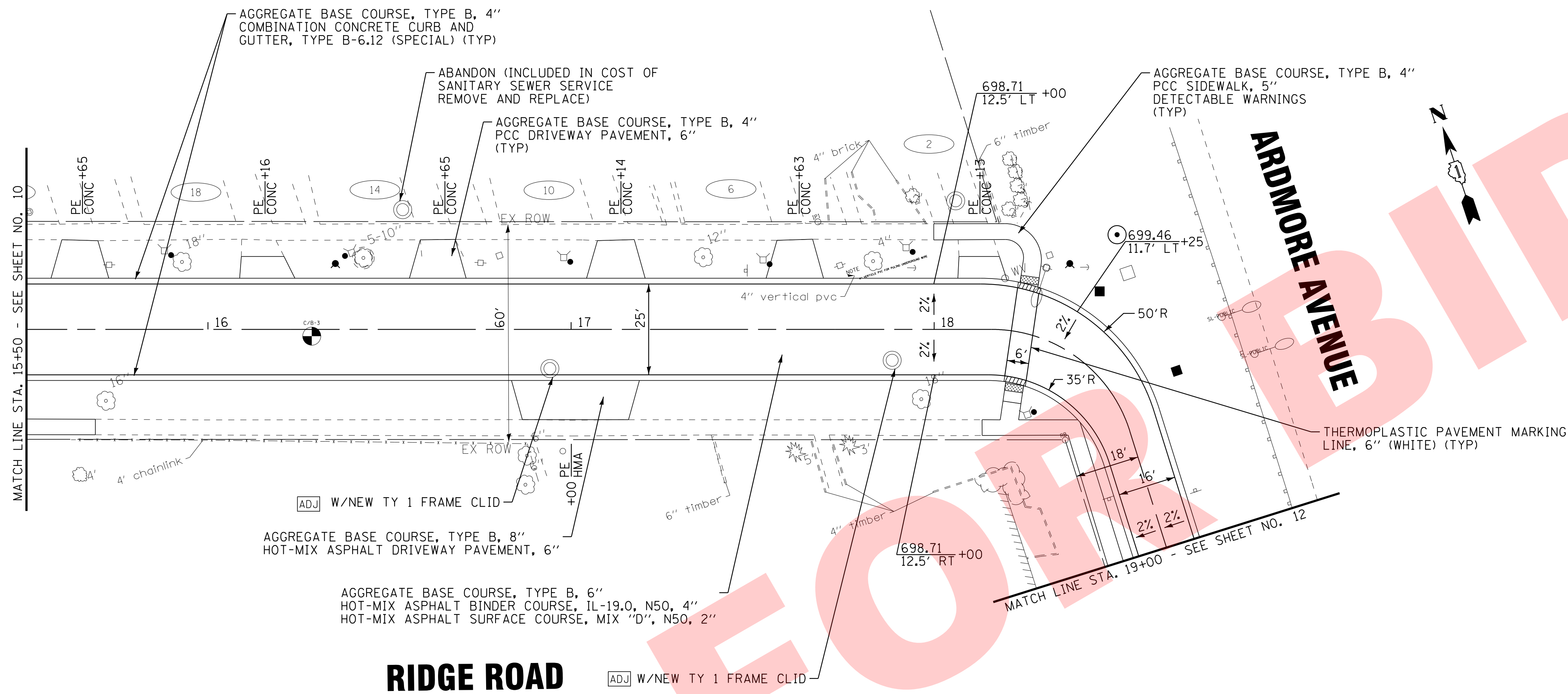
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**VILLAGE OF VILLA PARK, ILLINOIS
RIDGE ROAD**

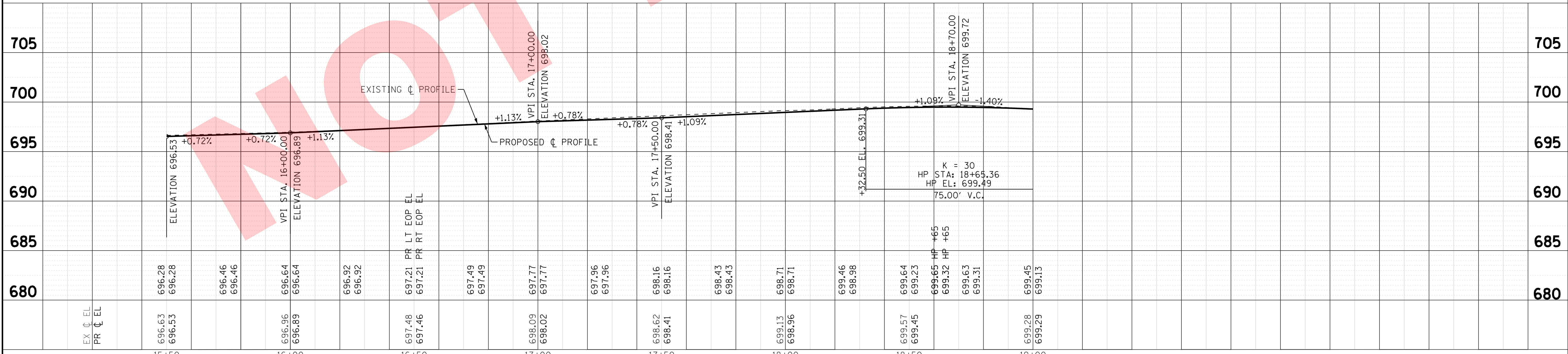
**PLAN AND PROFILE
RIDGE ROAD**

SCALE: H: 1"=20' V: 1"=5'
STA. 10+00 TO STA. 15+50

| | | | | |
|-------------------------------|---------|--------|------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| N/A | N/A | DuPAGE | 24 | 10 |
| FED. ROAD DIST. NO. | | | CONTRACT NO. N/A | |
| ILLINOIS FED. AID PROJECT N/A | | | | |



RIDGE ROAD



| Station | Existing Profile Elevation | Proposed Profile Elevation |
|---------|----------------------------|----------------------------|
| 15+50 | 696.63 | 696.53 |
| 15+60 | 696.28 | 696.28 |
| 15+70 | 696.46 | 696.46 |
| 15+80 | 696.64 | 696.64 |
| 15+90 | 696.64 | 696.64 |
| 16+00 | 696.92 | 696.92 |
| 16+10 | 697.48 | 697.48 |
| 16+20 | 697.46 | 697.46 |
| 16+30 | 697.49 | 697.49 |
| 16+40 | 697.49 | 697.49 |
| 16+50 | 697.77 | 697.77 |
| 16+60 | 697.96 | 697.96 |
| 16+70 | 697.96 | 697.96 |
| 16+80 | 698.16 | 698.16 |
| 16+90 | 698.16 | 698.16 |
| 17+00 | 698.43 | 698.43 |
| 17+10 | 698.43 | 698.43 |
| 17+20 | 698.71 | 698.71 |
| 17+30 | 698.71 | 698.71 |
| 17+40 | 699.46 | 699.46 |
| 17+50 | 699.98 | 699.98 |
| 17+60 | 699.64 | 699.64 |
| 17+70 | 699.23 | 699.23 |
| 17+80 | 699.45 | 699.45 |
| 17+90 | 699.65 | 699.65 |
| 18+00 | 699.32 | 699.32 |
| 18+10 | 699.63 | 699.63 |
| 18+20 | 699.31 | 699.31 |
| 18+30 | 699.45 | 699.45 |
| 18+40 | 699.28 | 699.28 |
| 18+50 | 699.29 | 699.29 |
| 18+60 | | |
| 18+70 | | |
| 18+80 | | |
| 18+90 | | |
| 19+00 | | |

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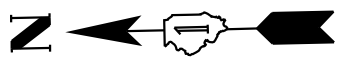
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**VILLAGE OF VILLA PARK, ILLINOIS
RIDGE ROAD**

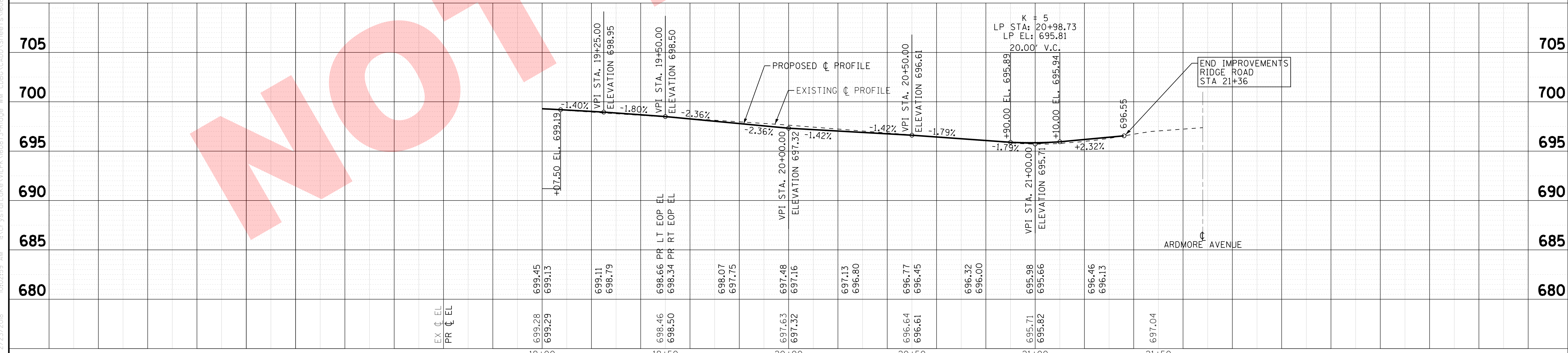
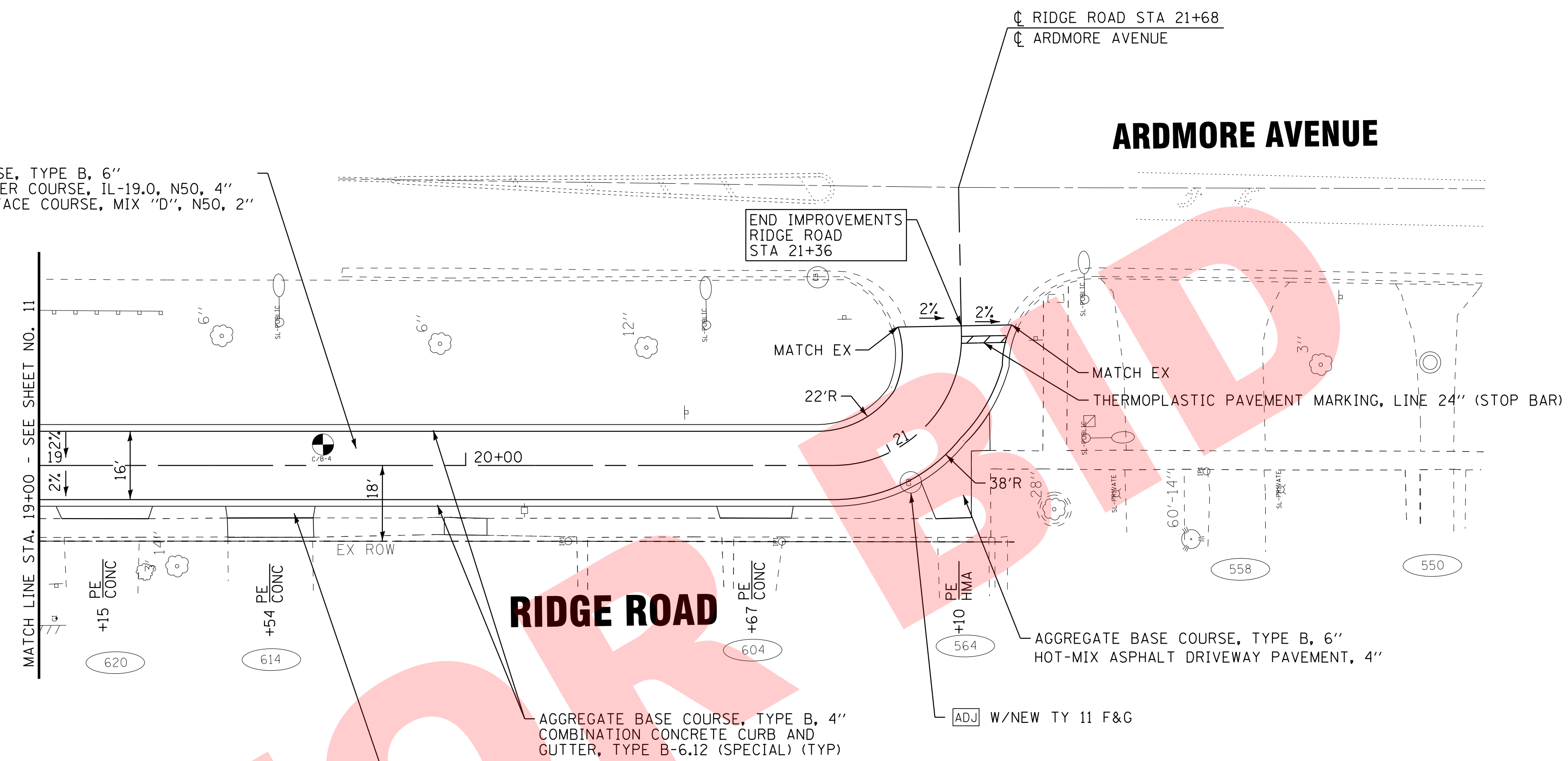
**PLAN AND PROFILE
RIDGE ROAD**

SCALE: H: 1"=20' V: 1"=5' STA. 15+50 TO STA. 19+00

| | | | | |
|---|---------|--------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| N/A | N/A | DUPAGE | 24 | 11 |
| CONTRACT NO. N/A | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT N/A | | | | |



AGGREGATE BASE COURSE, TYPE B, 6"
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"
 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"



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| | DRAWN - KAR | REVISED - |
| | CHECKED - TMS | REVISED - |
| | DATE - 02-23-18 | FILE - 160873SHT-PP3.dgn |

VILLAGE OF VILLA PARK, ILLINOIS
RIDGE ROAD

PLAN AND PROFILE
RIDGE ROAD

SCALE: H: 1"=20' V: 1"=5'
 STA. 19+00 TO STA. 21+13

| | | | | |
|---|---------|--------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| N/A | N/A | DUPAGE | 24 | 12 |
| CONTRACT NO. N/A | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT N/A | | | | |

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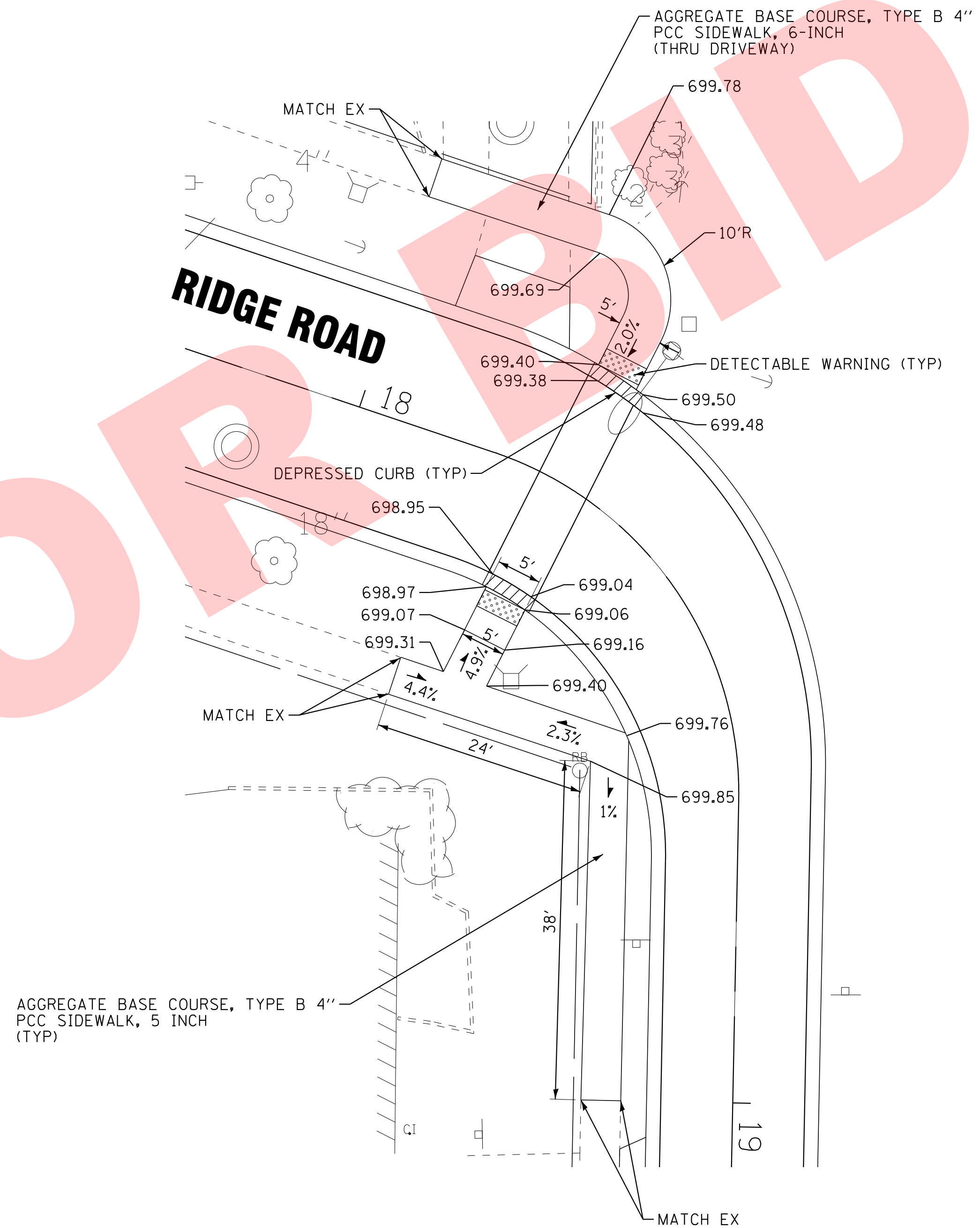
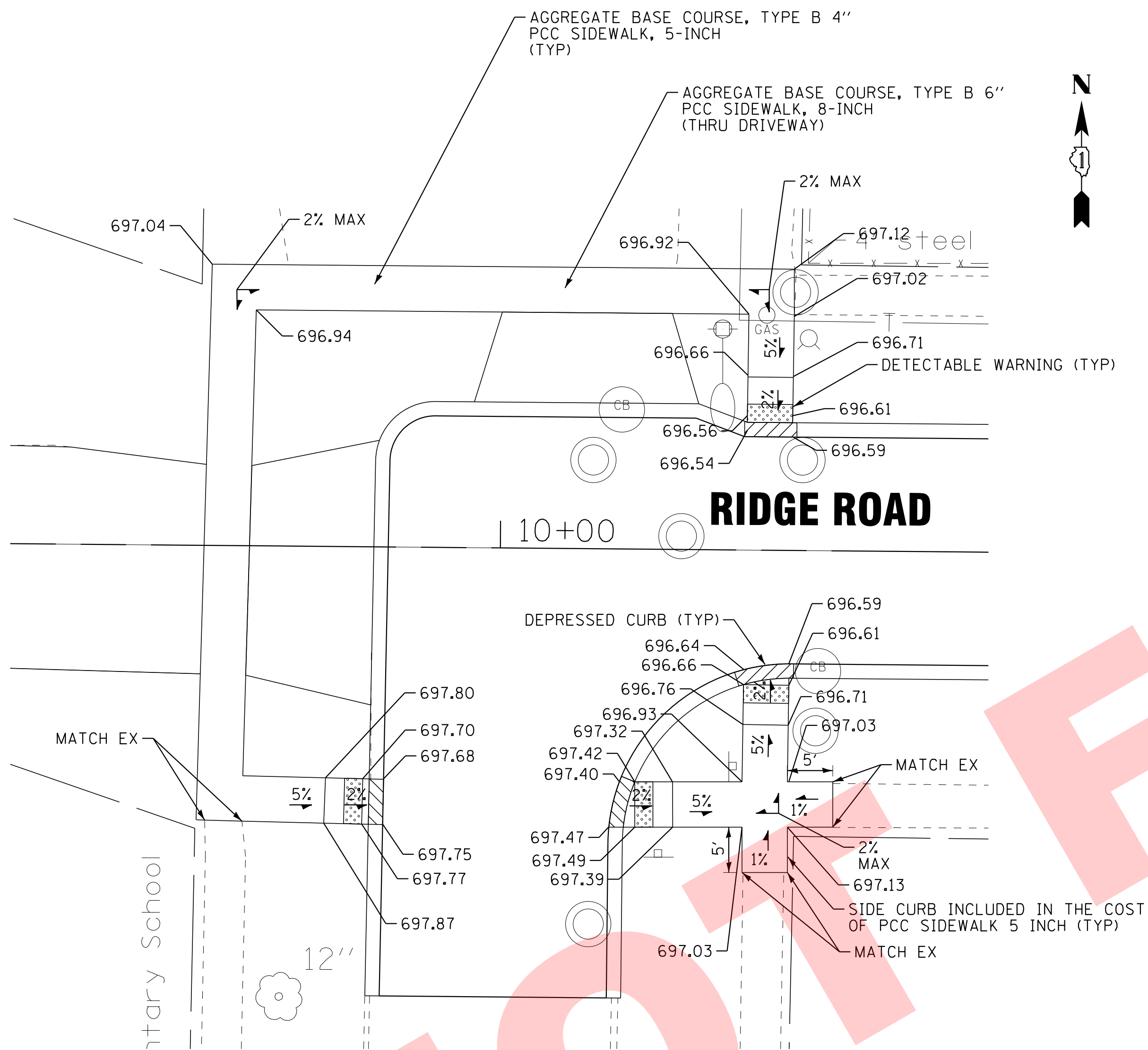
VILLAGE OF VILLA PARK, ILLINOIS
 RIDGE ROAD WATER MAIN AND STREET IMPROVEMENTS

SIDEWALK DETAILS

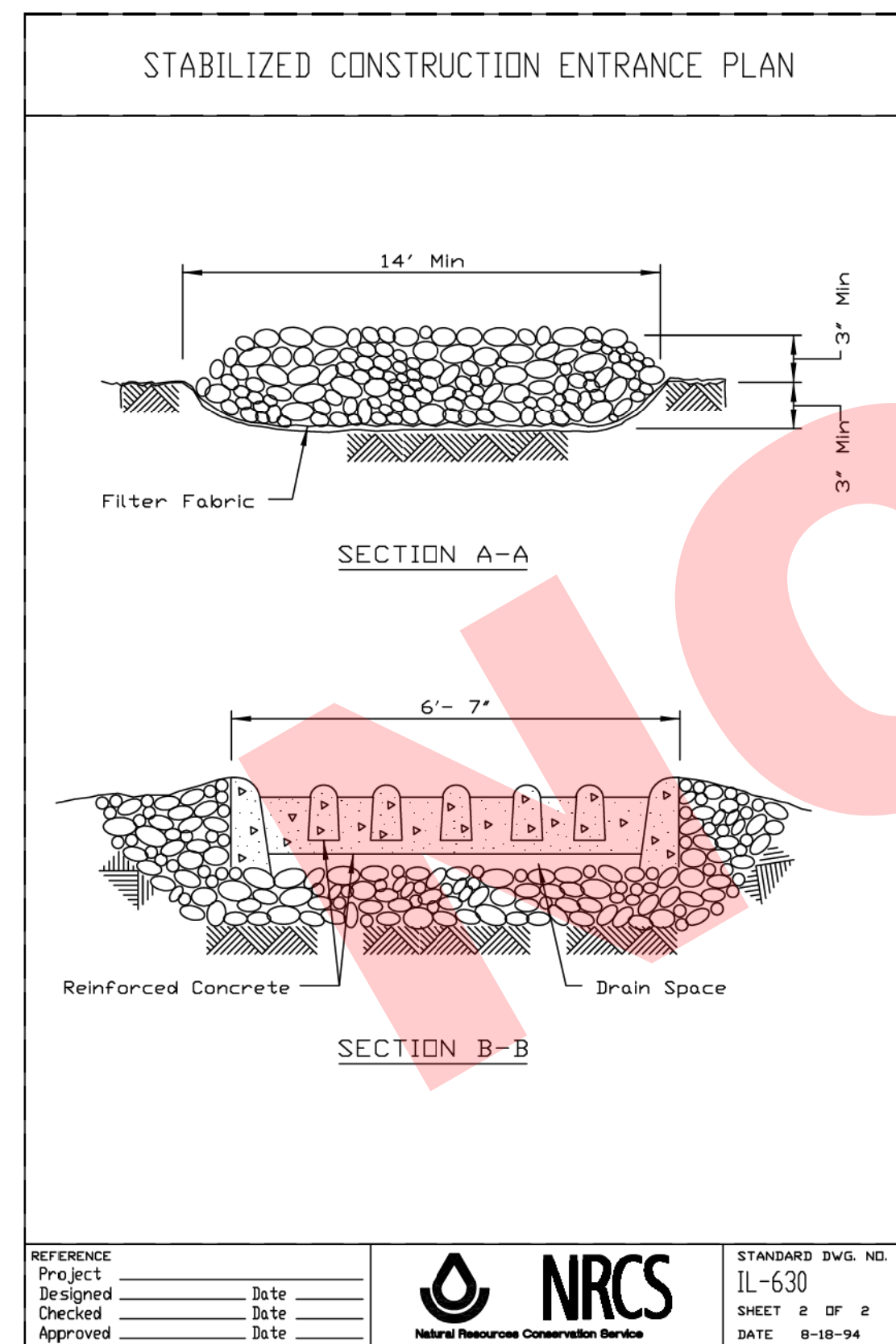
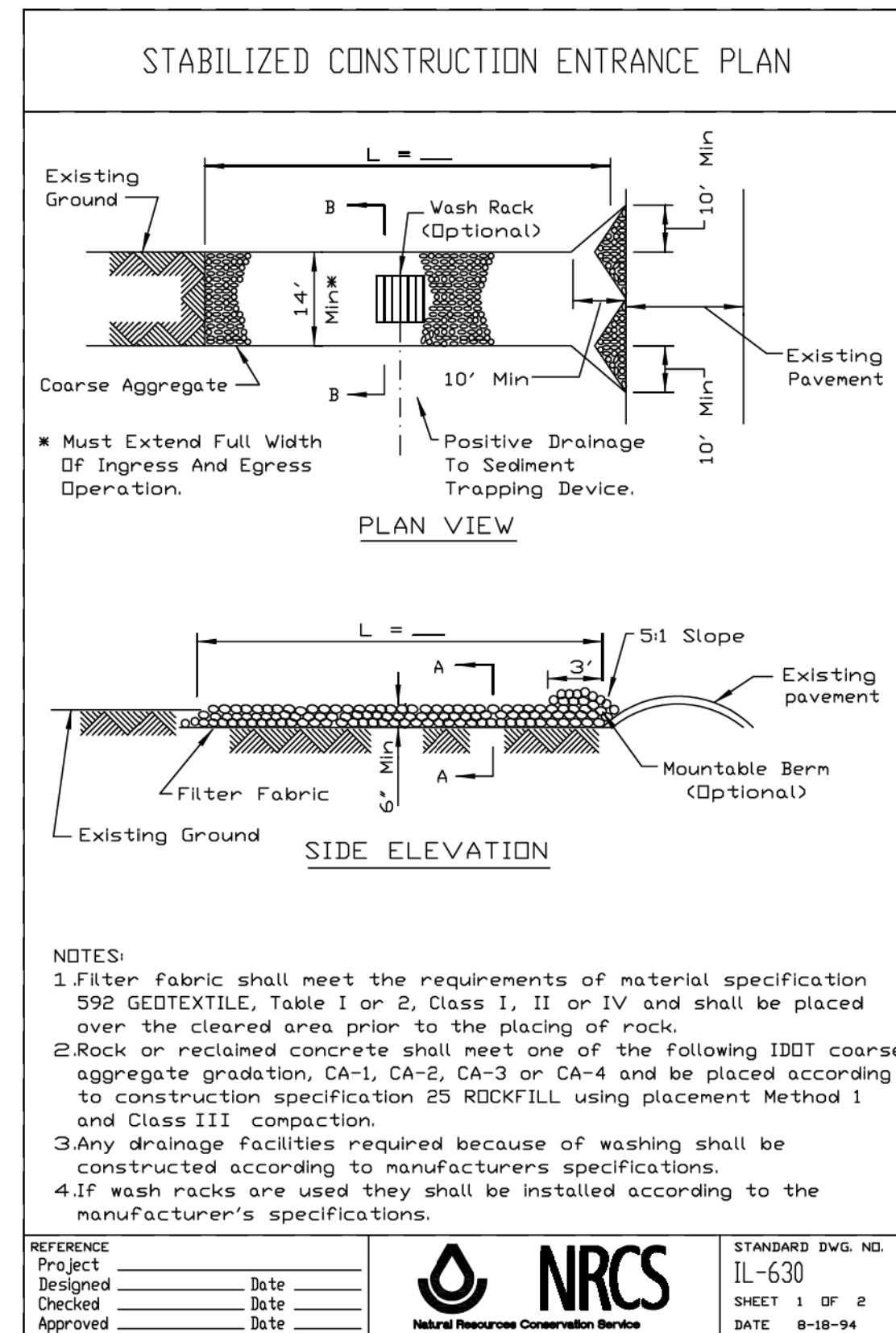
SCALE: 1" = 10'

STA. TO STA.

| | | | | |
|---------------------|---------|--------|-------------------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| N/A | N/A | DuPAGE | 24 | 13 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT N/A | |
| | | | CONTRACT NO. N/A | |



ARMORE AVENUE



SOIL EROSION AND SEDIMENT CONTROL NOTES

1. SEDIMENTATION AND EROSION CONTROL STANDARDS

THE FOLLOWING STANDARDS MUST BE SATISFIED:

- ALL AREAS LOCATED DOWNSTREAM FROM DISTURBED AREAS OF A DEVELOPMENT SITE SHALL BE PROTECTED FROM POTENTIAL INCREASE OF EROSION AND SEDIMENTATION RESULTING FROM UPSTREAM ACTIVITIES.
- SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED AND FUNCTIONAL PRIOR TO OR CONCURRENTLY WITH THE START OF DISTURBANCE.
- PERMANENT STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED; BUT IN NO CASE SHALL THESE MEASURES BE INSTALLED MORE THAN 14 DAYS AFTER THE CONSTRUCTION IN THE AREA TEMPORARILY OR PERMANENTLY CEASES.

2. SEDIMENTATION AND EROSION CONTROL METHODS

THE FOLLOWING SEDIMENTATION AND EROSION CONTROL METHODS MUST BE INSTALLED AND MAINTAINED:

- ALL STORM SEWER STRUCTURES THAT RECEIVE RUNOFF DURING CONSTRUCTION SHALL INCLUDE INLET PROTECTION TO PREVENT DEBRIS AND EXCESSIVE SEDIMENT FROM ENTERING THE STORM SEWER PIPING SYSTEM. THESE PROTECTIVE MEASURES SHALL BE PROPERLY INSTALLED, MAINTAINED, AND REMOVED IN THEIR ENTIRETY AFTER THE AREA TRIBUTARY TO THE STORM STRUCTURE IS STABILIZED.
- DISCHARGES FROM DEWATERING OPERATIONS SHALL ENTER OR BE ROUTED TO A SEDIMENT AND EROSION CONTROL SYSTEM OR DEVICE.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE PROPERLY STABILIZED OR DISPOSED.

3. MAINTENANCE

ALL TEMPORARY MEASURES AND PERMANENT EROSION AND SEDIMENT CONTROL MUST BE MAINTAINED IN AN EFFECTIVE WORKING CONDITION AS IDENTIFIED BY REQUIRED INSPECTIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:

- REPAIR, REPLACE OR MAINTAIN EROSION AND SEDIMENT CONTROL STRUCTURES AFTER A SINGULAR OR CUMULATIVE RAINFALL EVENT(S) OF 0.5 INCH OR MORE OVER A TWENTY-FOUR-HOUR PERIOD.
- MAKE ADJUSTMENTS TO THE SEDIMENTATION AND EROSION CONTROL PLAN AND METHODS, AS NEEDED, TO ACCOMPLISH THE INTENDED PURPOSE.
- ALL ADJACENT ROADWAYS MUST BE KEPT CLEAR OF DEBRIS, INSPECTED DAILY, AND CLEANED WHEN NECESSARY OR AS DETERMINED BY THE ENGINEER.

4. INSPECTIONS

- THESE PLANS SHALL BE MAINTAINED AT THE SITE DURING CONSTRUCTION OPERATIONS. THE ENGINEER SHALL MAKE INSPECTIONS AND MAINTAIN ON -SITE RECORDS OF SUCH INSPECTIONS AT THE INTERVALS SPECIFIED BELOW:
 - UPON COMPLETION OF INSTALLATION OF SEDIMENT AND RUNOFF CONTROL MEASURES, PRIOR TO PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING;
 - AFTER CURB AND GUTTER, SIDEWALK, STREET LIGHTING AND STORM SEWER INSTALLATION;
 - AFTER FINAL GRADING; AND
 - WEEKLY AND AFTER EACH RAINFALL EVENT OF 0.5 INCH OR MORE OVER A TWENTY-FOUR-HOUR PERIOD.
- ANY NECESSARY REPAIRS TO SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MADE AND REPORTED IN THE ON-SITE INSPECTION RECORDS.

5. SOIL EROSION AND SEDIMENT CONTROL

- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE SITE THAT ARE NOT TO BE GRADED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL PERMANENT RESTORATION IS PERFORMED.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE RECEPTACLES FOR THE DISPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DCONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN THE DEVELOPMENT SITE FREE OF CONSTRUCTION MATERIAL DEBRIS.
- TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED. WHERE PARKWAYS ARE DISTURBED, TEMPORARY EROSION CONTROL MEASURES SHALL BE ESTABLISHED WITHIN 14 DAYS OF THE COMPLETION OF DISTURBANCE AND MAINTAINED TO THE SATISFACTION OF THE VILLAGE. THIS WORK, INCLUDING MAINTENANCE, SHALL BE INCLUDED IN THE PERMANENT STABILIZATION PAY ITEMS UNLESS OTHERWISE NOTED.

VILLAGE OF VILLA PARK EROSION CONTROL NOTES

- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL EROSION CONTROL DEVICES INCLUDING, BUT NOT LIMITED TO, SILT FENCE AROUND THE CONSTRUCTION LIMITS, STONE ACCESS DRIVE AND FILTER FABRIC PROTECTORS IN ALL STORM MANHOLES AND/OR INLETS PER DETAILS.
- IF THERE IS NO GENERAL CONTRACTOR, IT SHALL BE THE RESPONSIBILITY OF THE EXCAVATION/GRADING CONTRACTOR TO INSTALL ALL SOIL EROSION CONTROL DEVICES.
- THE CONTRACTOR RESPONSIBLE FOR THE INSTALLATION OF THE EROSION CONTROL DEVICES SHALL MAKE AN INSPECTION OF THE INSTALLATION ON A WEEKLY BASIS OR FOLLOWING A RAINFALL OF 1 INCH OR MORE OVER A 24-HOUR PERIOD. A RECORD OF SUCH INSPECTIONS SHALL BE KEPT ONSITE AT ALL TIMES UNTIL FINAL ACCEPTANCE OF THE WORK.
- IF ADDITIONAL EROSION CONTROL MEASURES NOT SHOWN ON THE PLANS ARE REQUIRED TO STOP OR PREVENT EROSION OR ARE REQUIRED BY ANY AUTHORITY HAVING JURISDICTION IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSTALL SUCH REQUIRED DEVICES.
- SEE STANDARD VILLAGE OF VILLA PARK DETAILS FOR SILT FENCE AND FILTER FABRIC PROTECTOR REQUIREMENTS.
- ALL STATE AND LOCAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED AND MAINTAINED THROUGHOUT CONSTRUCTION.
- ALL SILT FENCE SHALL BE INSTALLED AND APPROVED BY THE VILLAGE OF VILLA PARK PRIOR TO CONSTRUCTION.

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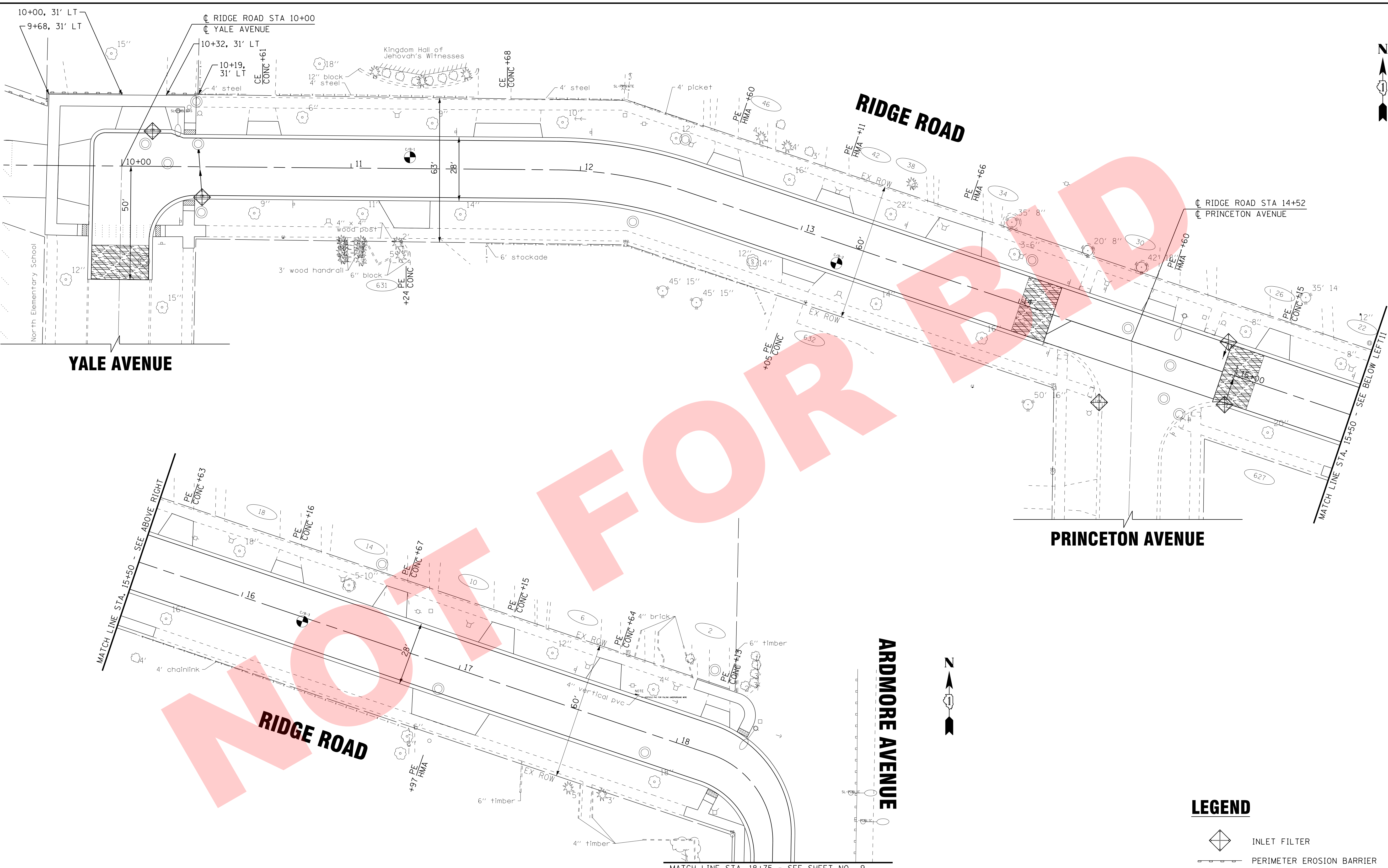


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VILLAGE OF VILLA PARK, ILLINOIS RIDGE ROAD WATER MAIN AND STREET IMPROVEMENTS

| | |
|---|--------------|
| EROSION AND SEDIMENT CONTROL NOTES | |
| SCALE: NONE | STA. TO STA. |

| | | | | |
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| N/A | N/A | DuPAGE | 24 | 14 |
| CONTRACT NO. N/A | | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT N/A | |



YALE AVENUE

RIDGE ROAD

PRINCETON AVENUE

ARDMORE AVENUE

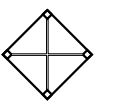
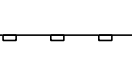
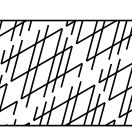
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RIDGE ROAD

MATCH LINE STA. 15+50 - SEE BELOW LEFT

MATCH LINE STA. 18+75 - SEE SHEET NO. 9

LEGEND

-  INLET FILTER
-  PERIMETER EROSION BARRIER
-  STABILIZED CONSTRUCTION ENTRANCE PAID FOR AS TEMPORARY ACCESS (ROAD)

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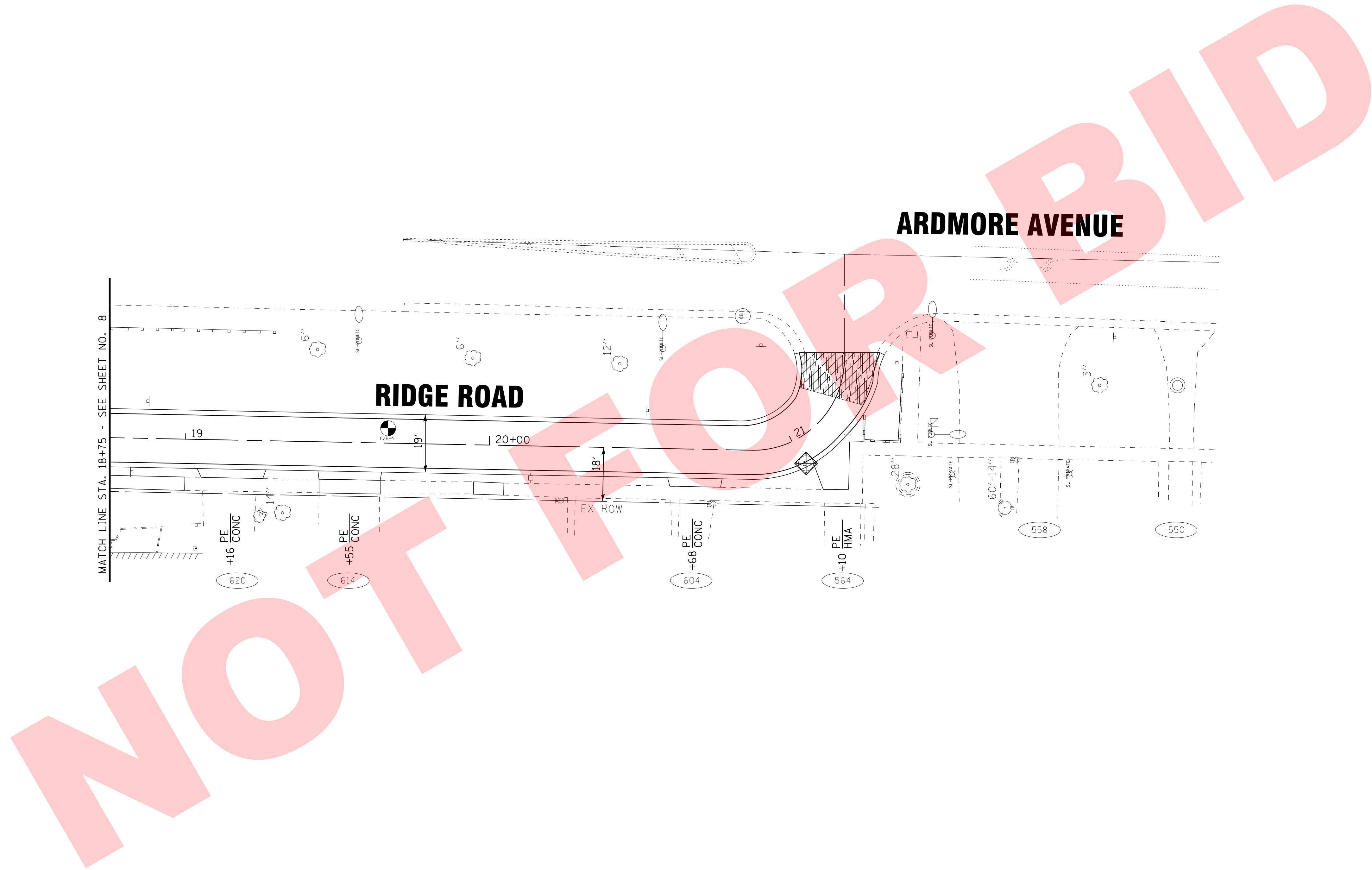
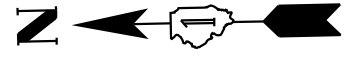
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VILLAGE OF VILLA PARK, ILLINOIS
RIDGE ROAD WATER MAIN AND STREET IMPROVEMENTS

EROSION CONTROL PLAN
RIDGE ROAD

SCALE: STA. 10+00 TO STA. 18+75

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| N/A | N/A | DuPAGE | 24 | 15 |
| CONTRACT NO. N/A | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT N/A | | | | |



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
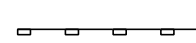

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VILLAGE OF VILLA PARK, ILLINOIS
RIDGE ROAD WATER MAIN AND STREET IMPROVEMENTS

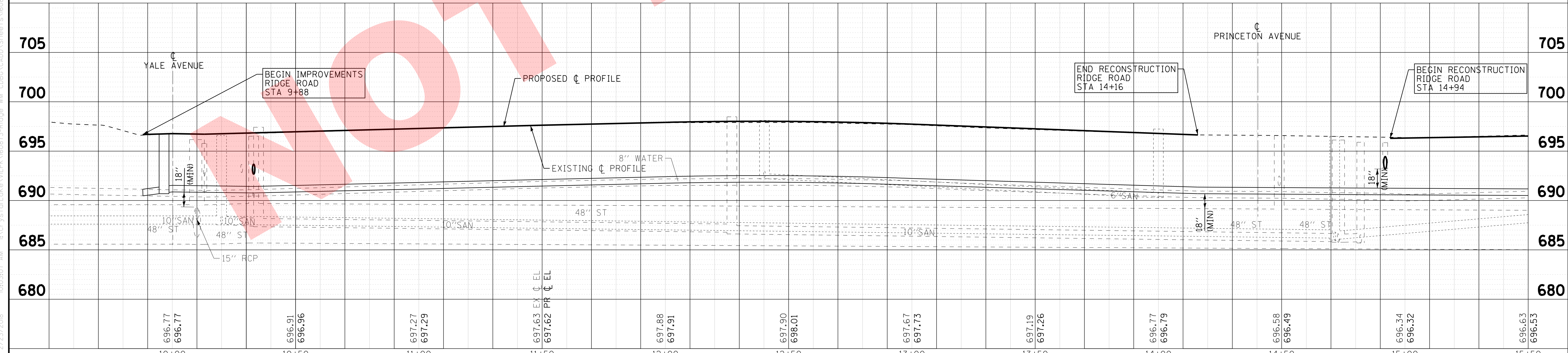
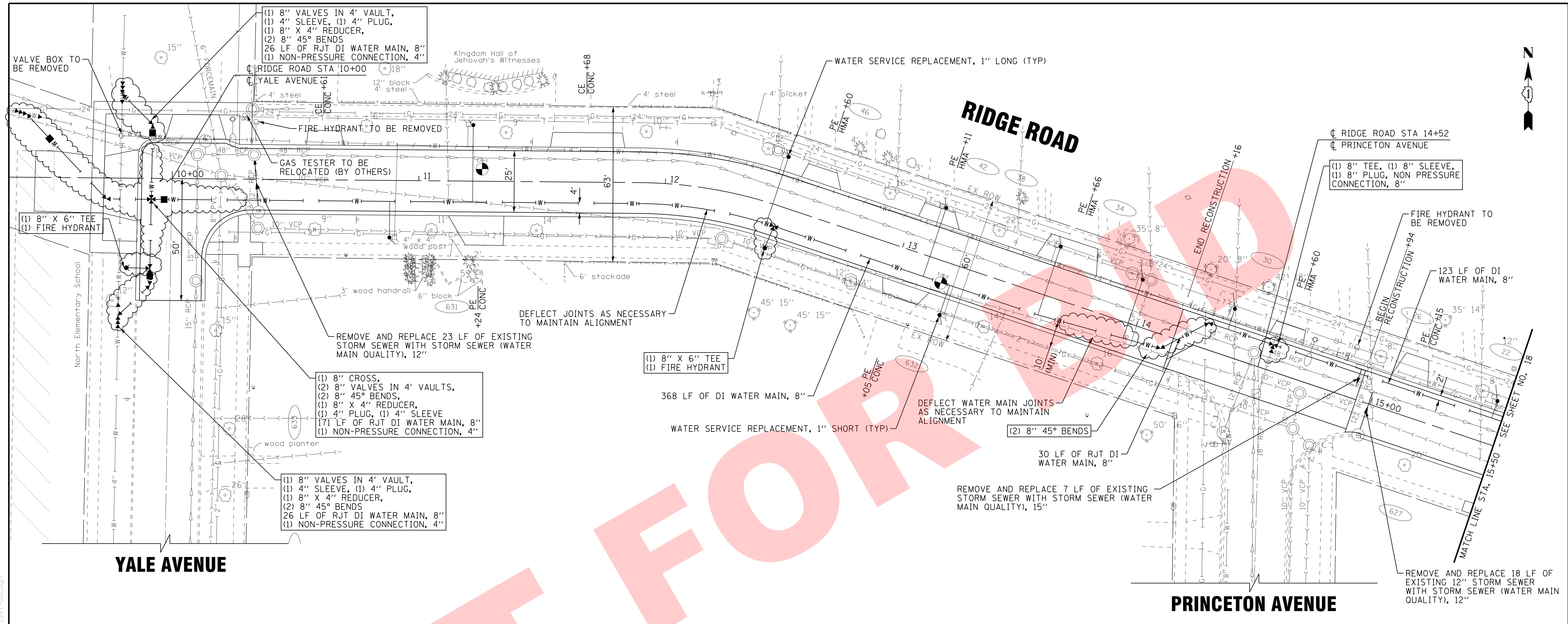
EROSION CONTROL PLAN
RIDGE ROAD

SCALE: 1" = 20' STA. 18+75 TO STA. 15+50

LEGEND

-  INLET FILTER
-  PERIMETER EROSION BARRIER
-  STABILIZED CONSTRUCTION ENTRANCE PAID FOR AS TEMPORARY ACCESS (ROAD)

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT N/A | |
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Consulting Engineers

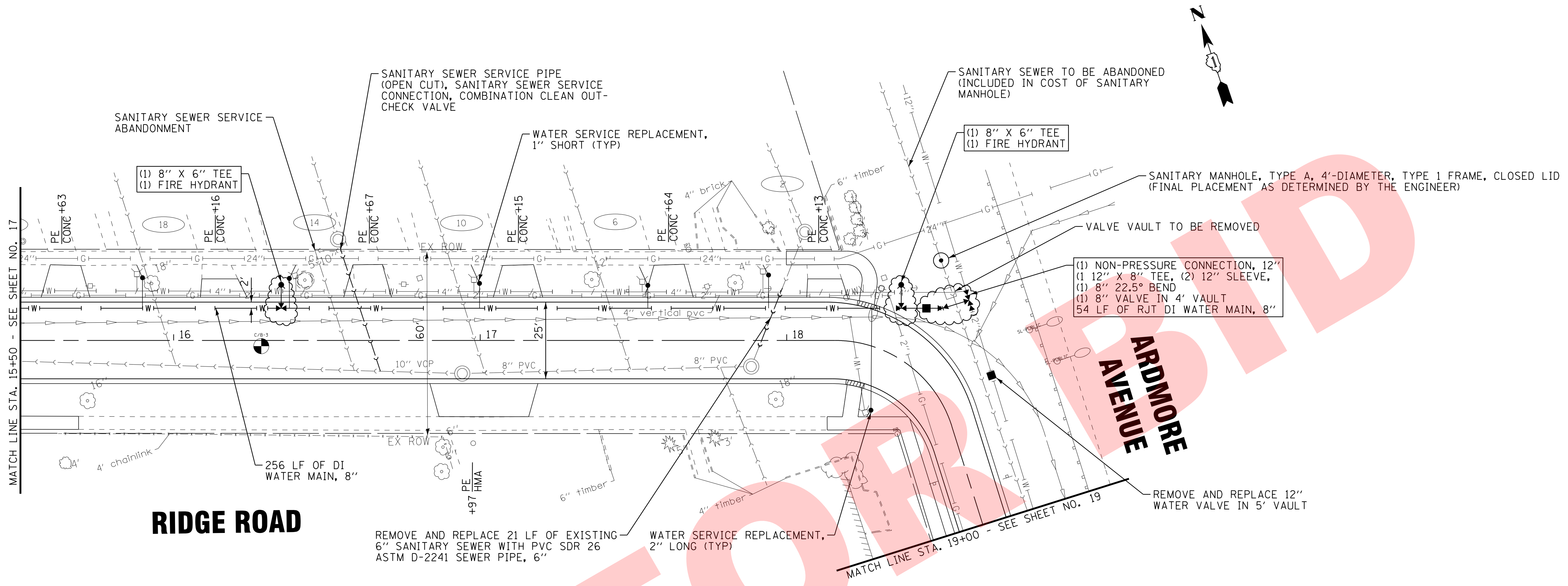
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**VILLAGE OF VILLA PARK, ILLINOIS
RIDGE ROAD**

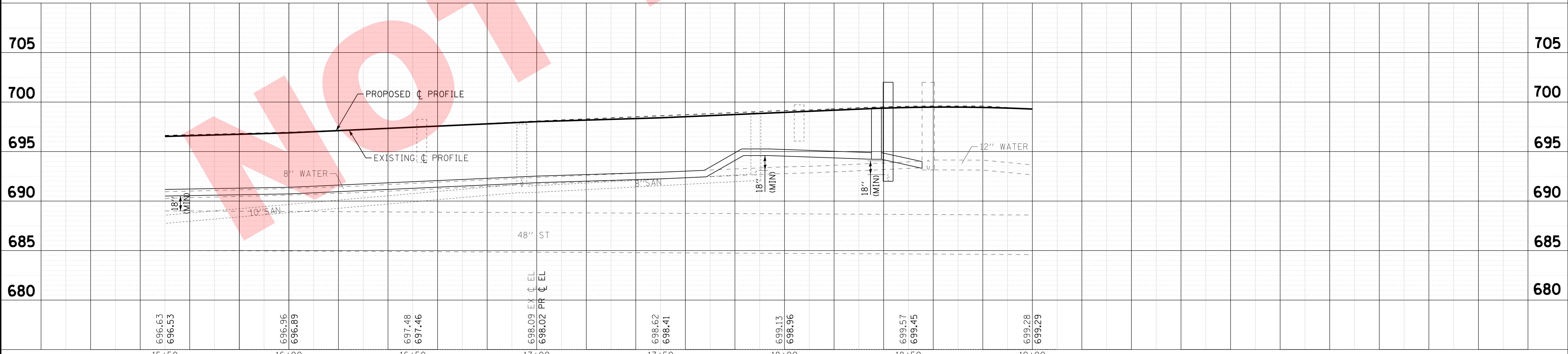
**DRAINAGE AND UTILITIES
RIDGE ROAD**

SCALE: H: 1"=20' V: 1"=5'
STA. 10+00 TO STA. 15+50

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|---------------------|---------|--------|-------------------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| N/A | N/A | DUPAGE | 24 | 17 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT N/A | |



NOTE:
COORDINATE SHUTDOWN OF VALVE ON
NORTH SIDE OF RAILROAD AS NEEDED



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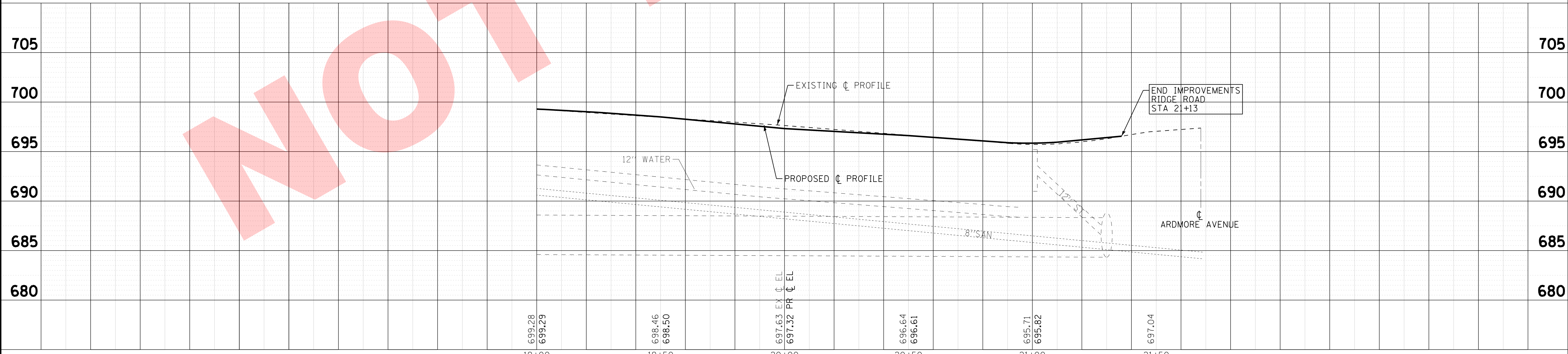
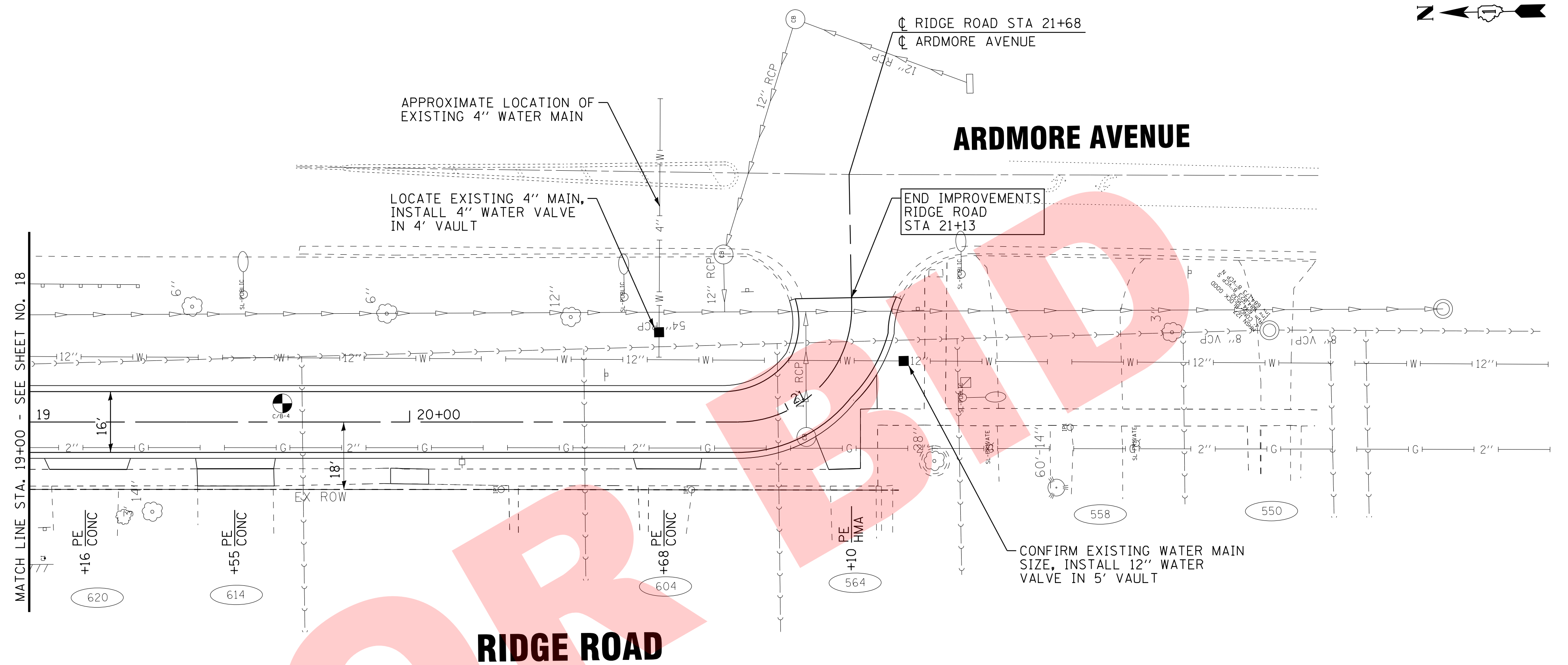
VILLAGE OF VILLA PARK, ILLINOIS
RIDGE ROAD

DRAINAGE AND UTILITIES
RIDGE ROAD

SCALE: H: 1"=20' V: 1"=5'
STA. 15+50 TO STA. 19+00

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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| N/A | N/A | DuPAGE | 24 | 18 |
| CONTRACT NO. N/A | | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT N/A | | | |

INSTALLATION OF 3 NEW VALVES AT ARDMORE AVENUE
MUST BE COMPLETED PRIOR TO THE NON-PRESSURE
CONNECTION OF THE NEW MAIN AT ARDMORE AVENUE.



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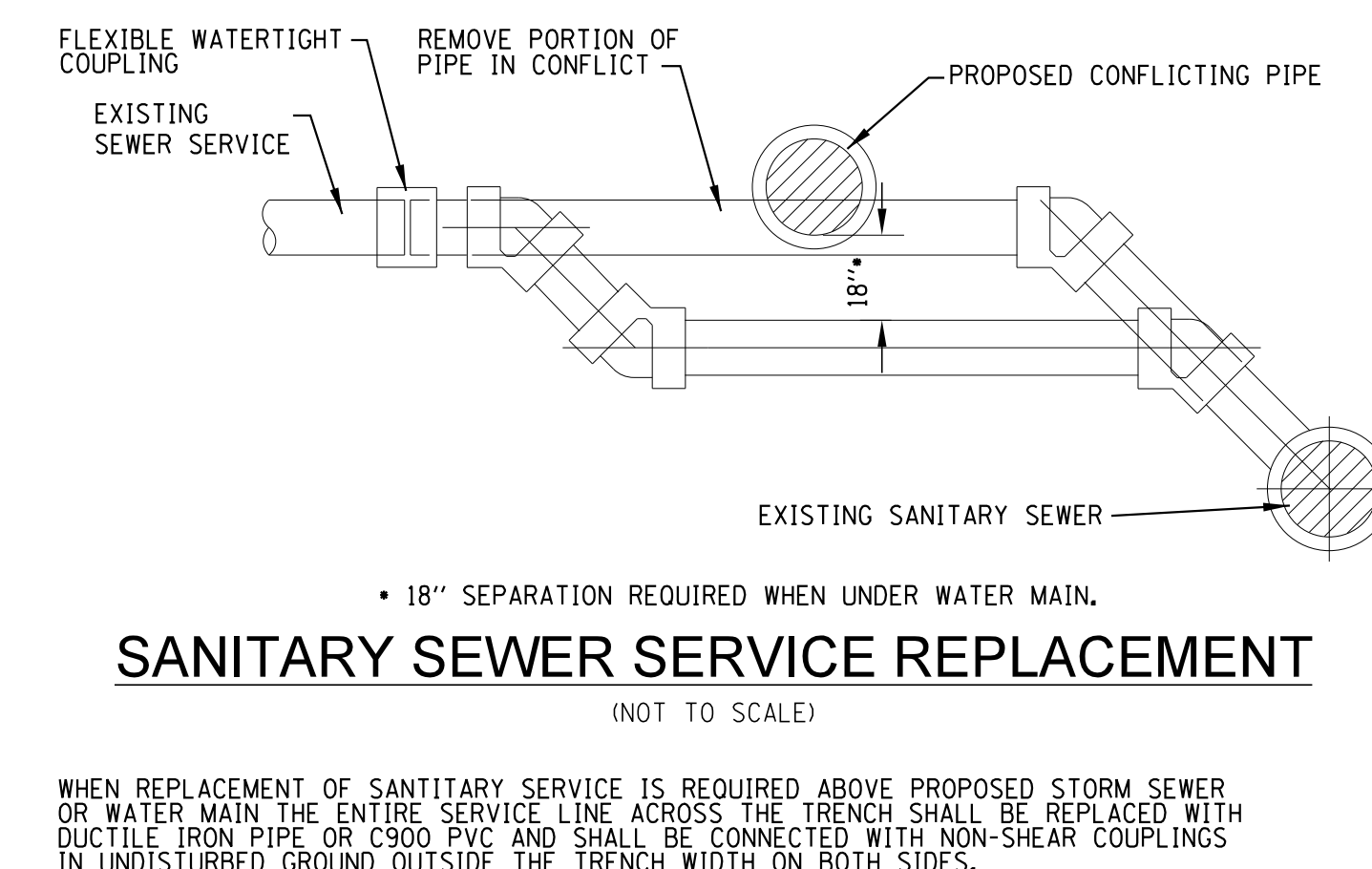
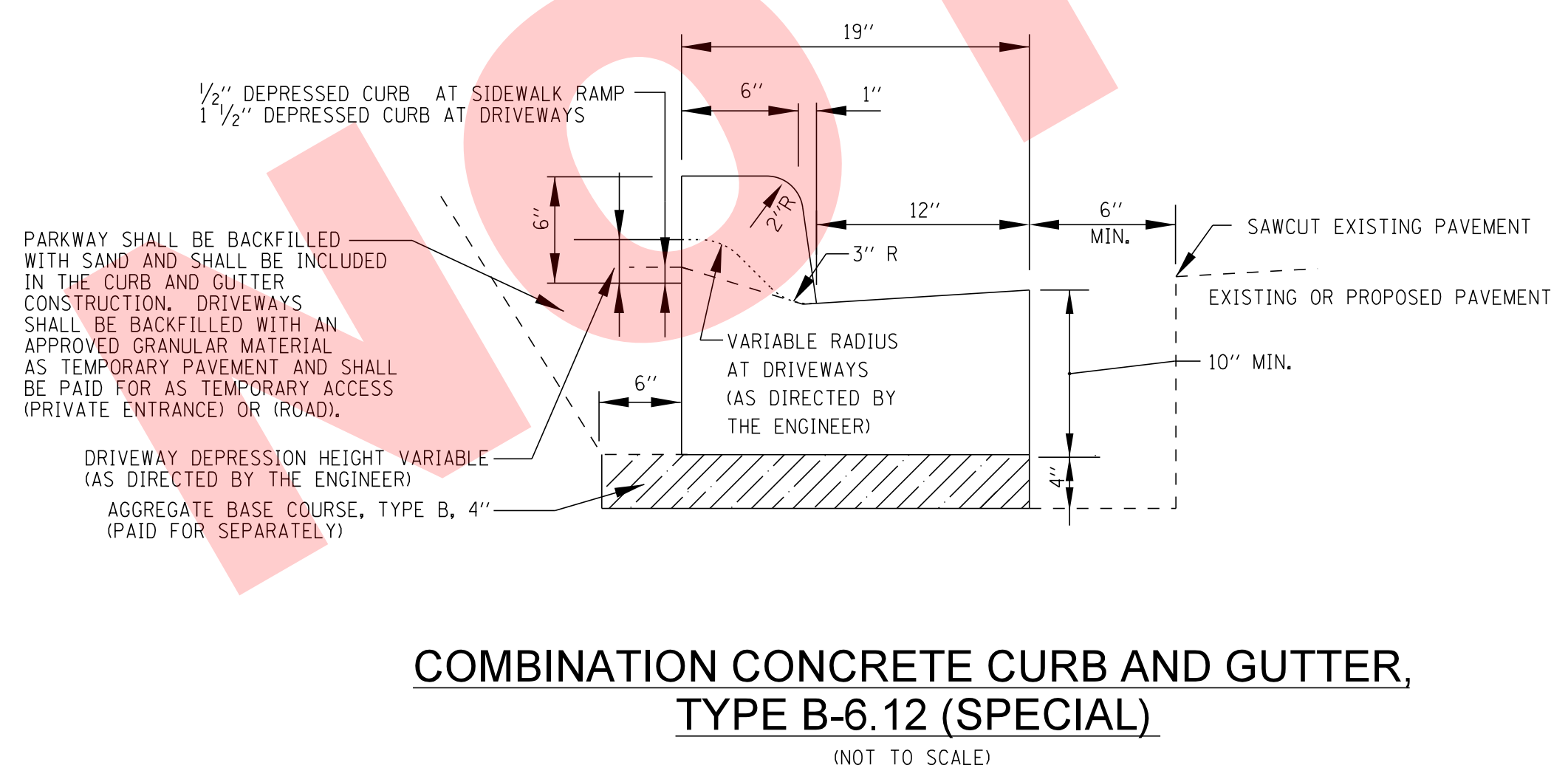
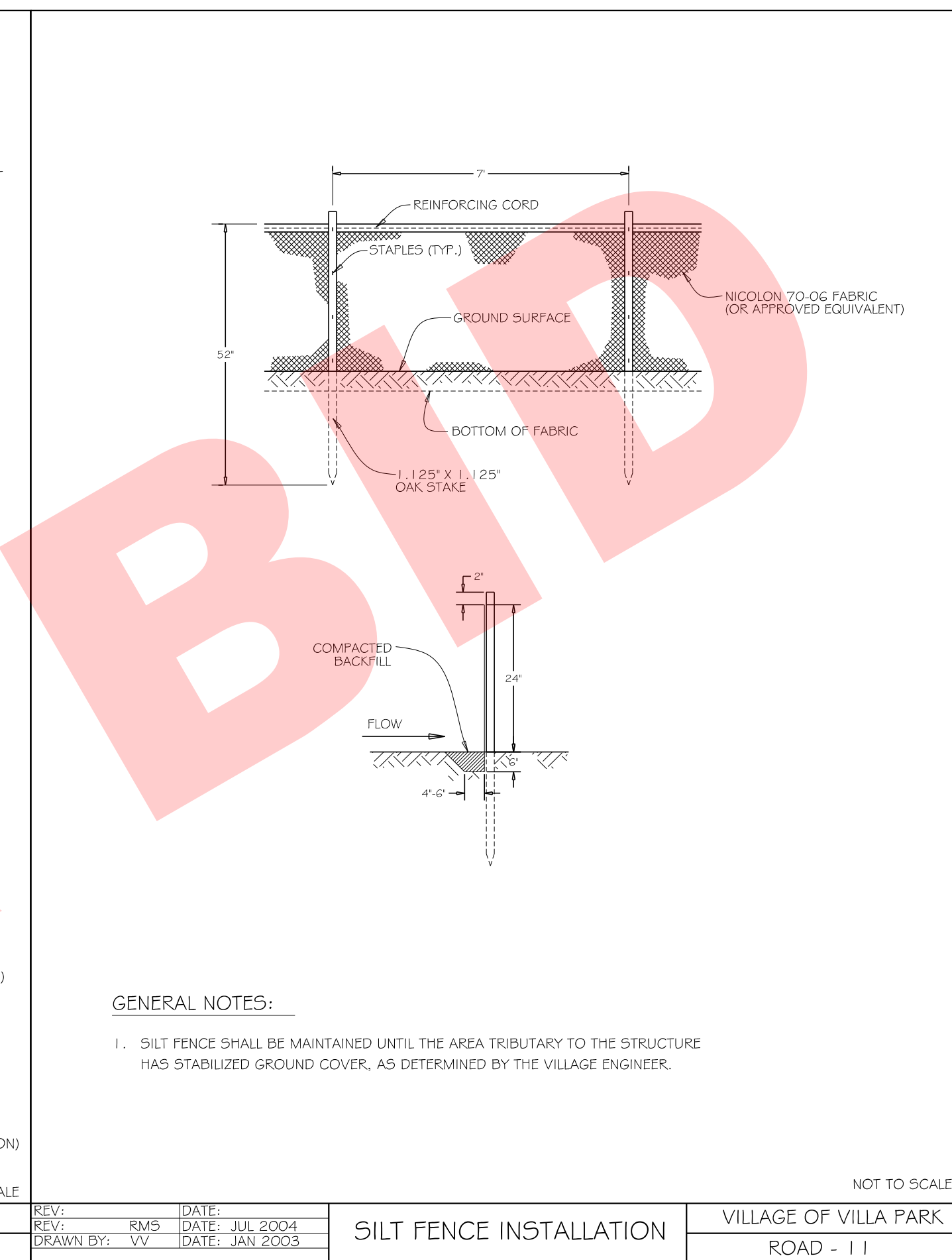
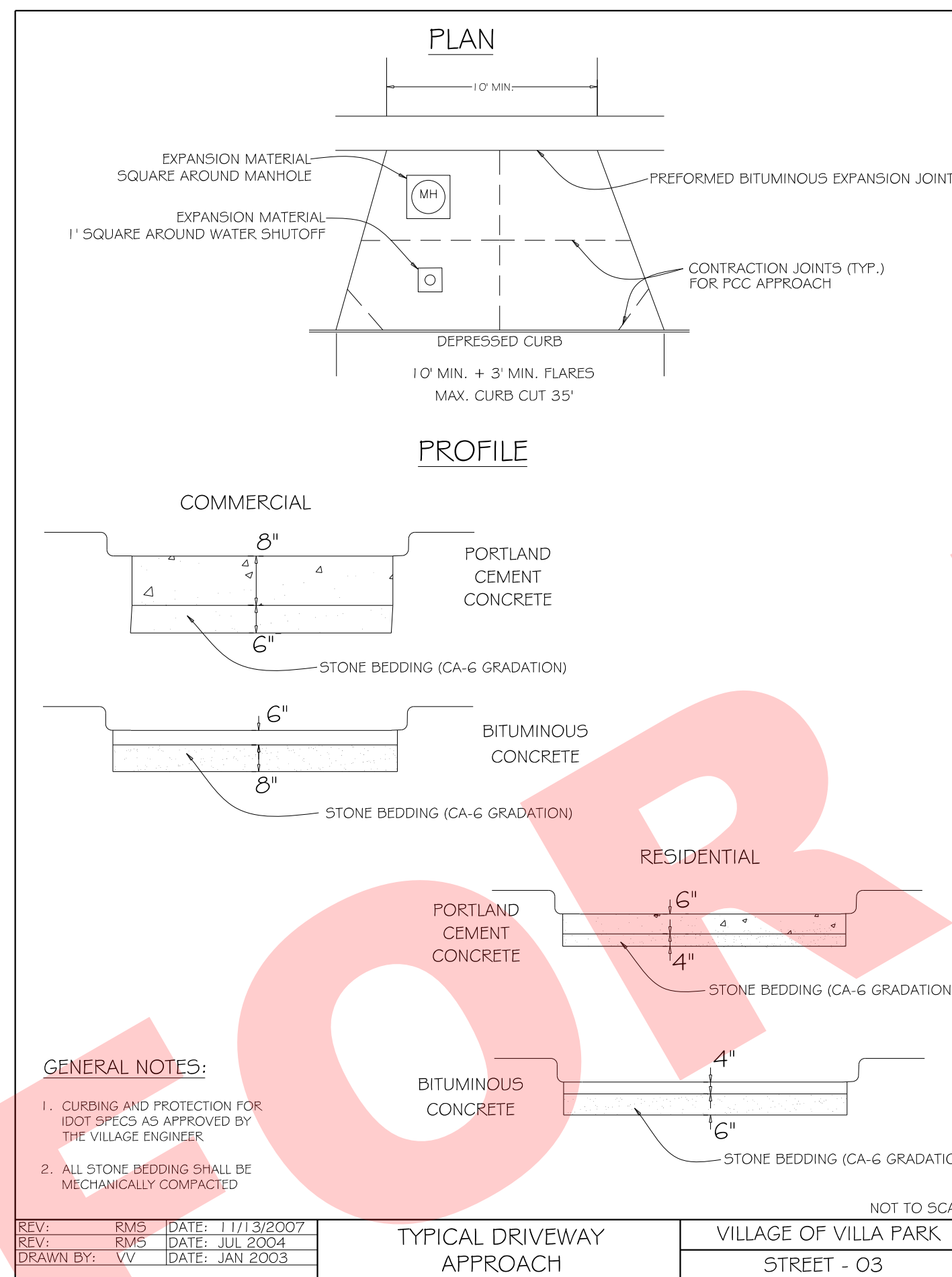
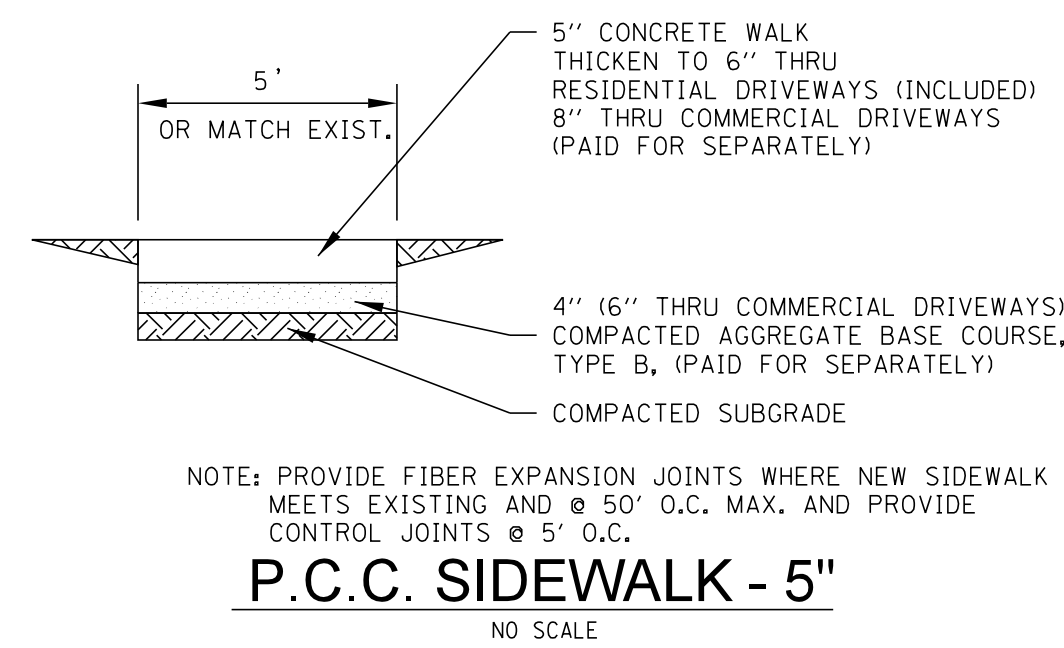
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**VILLAGE OF VILLA PARK, ILLINOIS
RIDGE ROAD**

**DRAINAGE AND UTILITIES
RIDGE ROAD**

SCALE: H: 1"=20' V: 1"=5' STA. 19+00 TO STA. 21+13

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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| N/A | N/A | DUPAGE | 24 | 19 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT N/A | |



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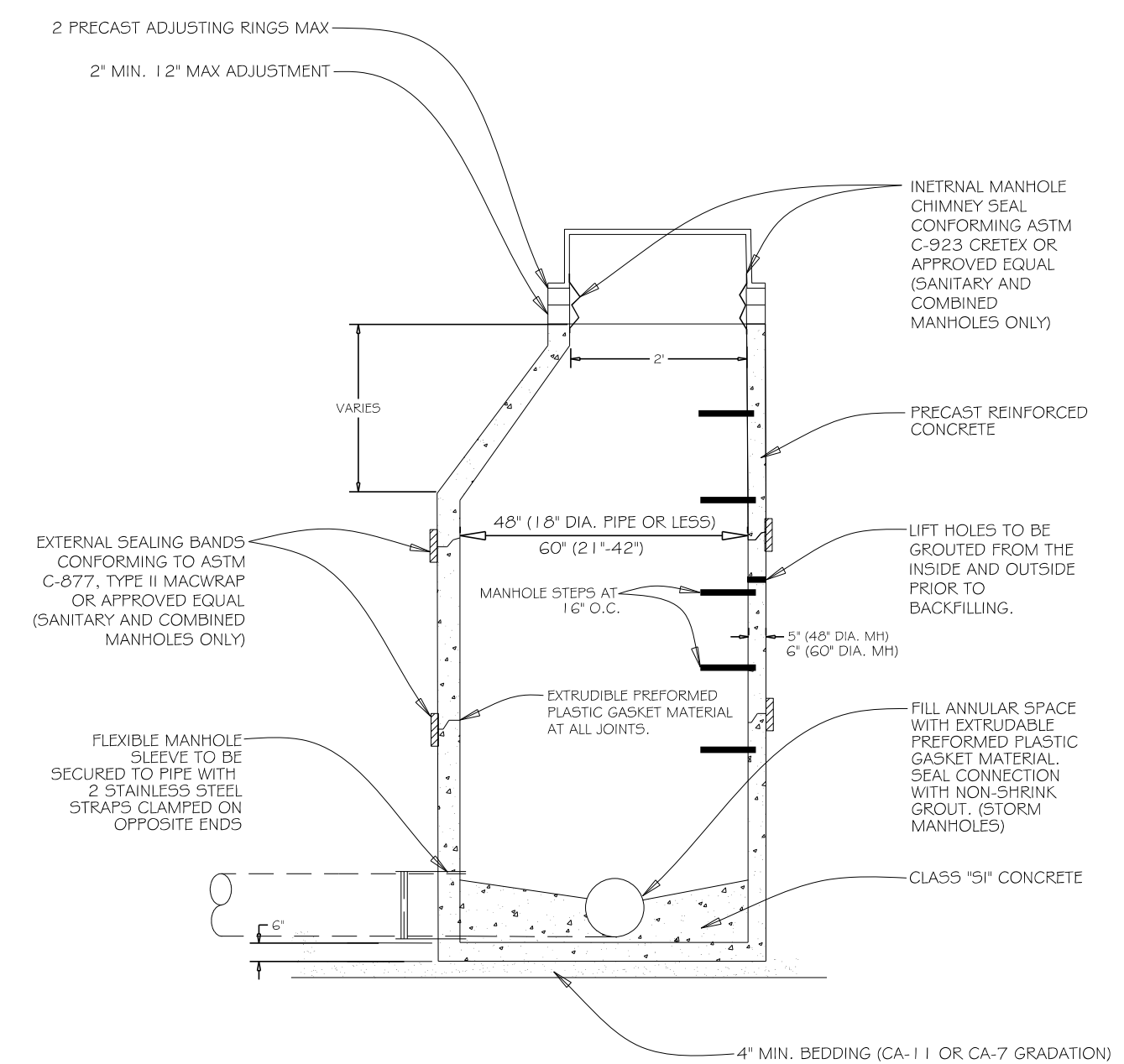


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VILLAGE OF VILLA PARK, ILLINOIS
RIDGE ROAD WATER MAIN AND STREET IMPROVEMENTS

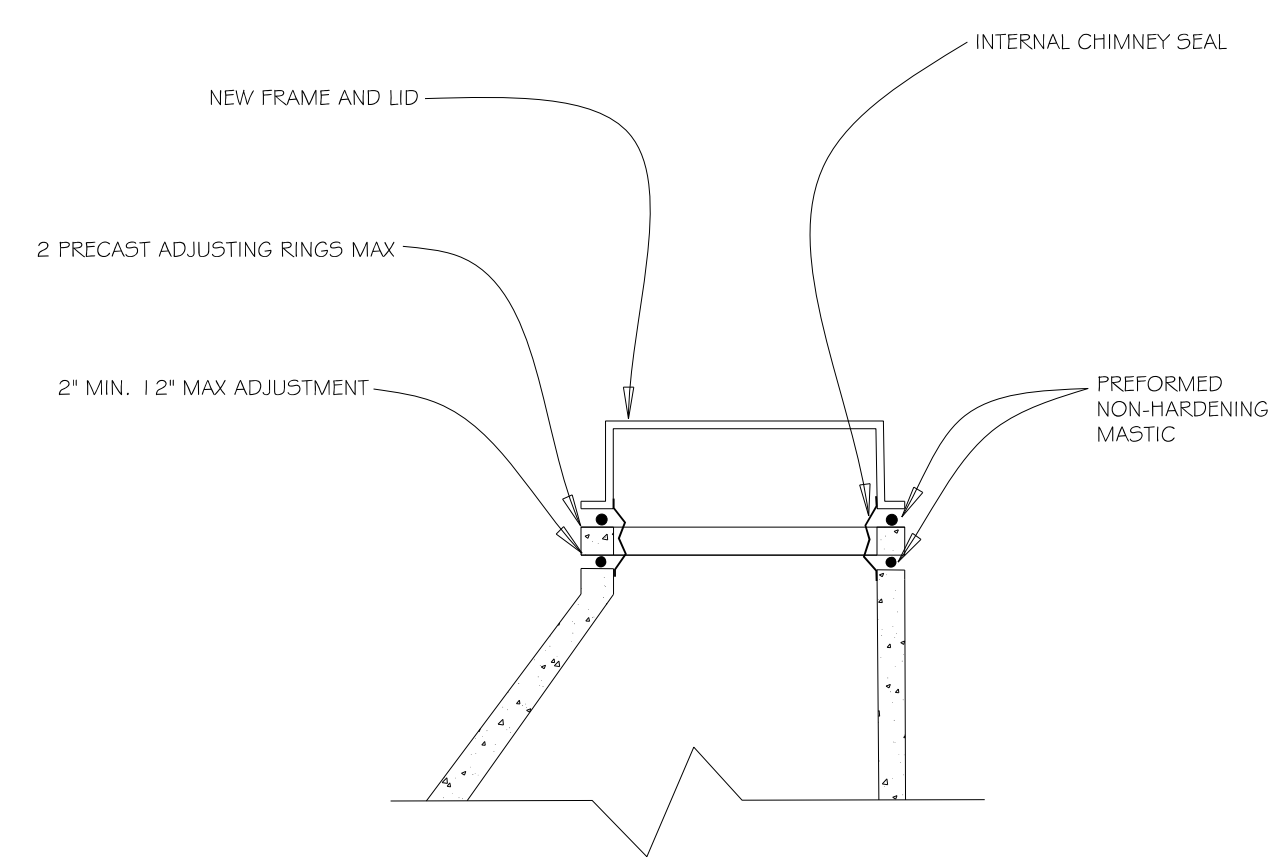
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| MISCELLANEOUS DETAILS | |
| SCALE: | STA. TO STA. |

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| N/A | N/A | DuPAGE | 24 | 20 |
| CONTRACT NO. N/A | | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT N/A | |



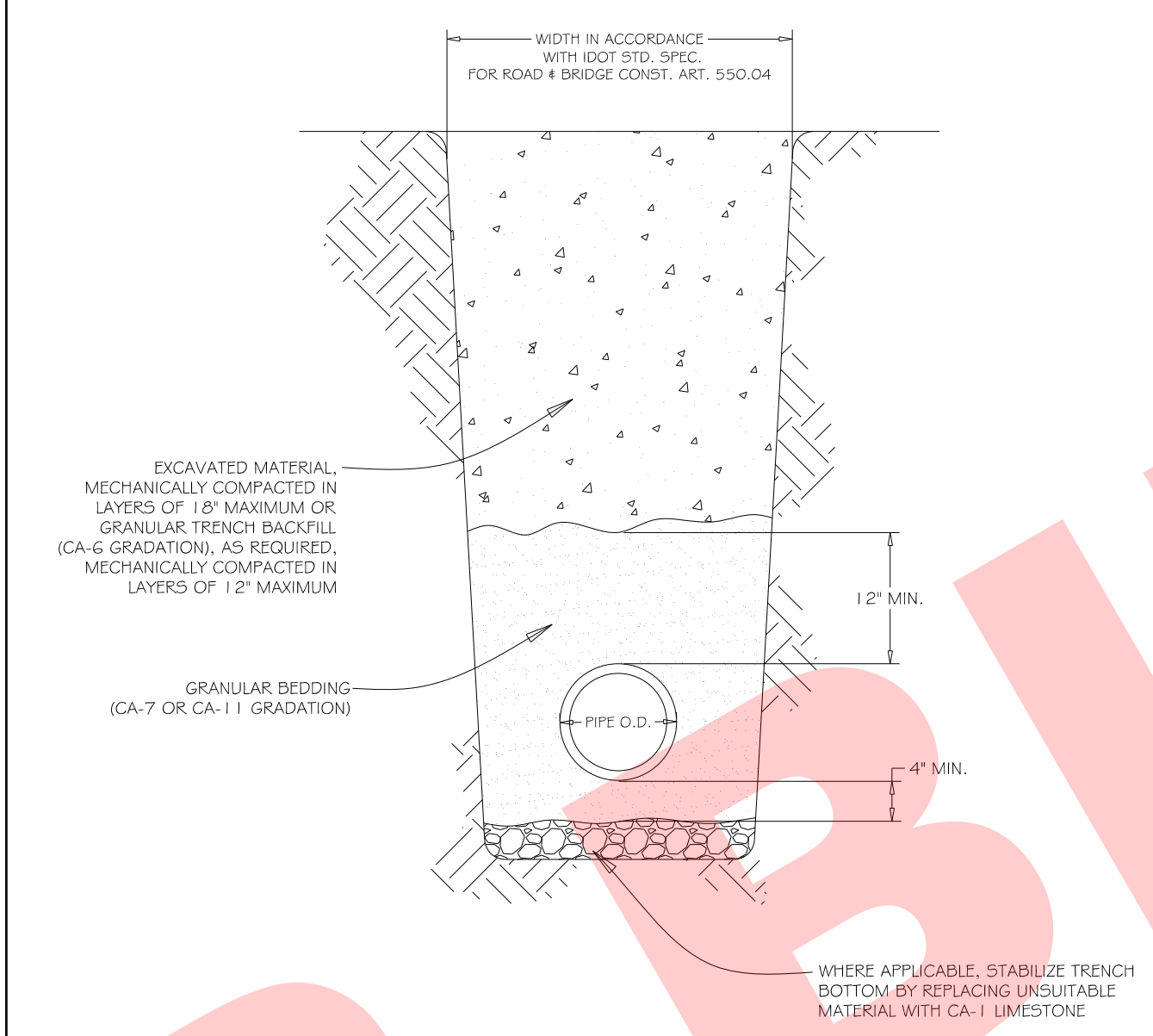
- GENERAL NOTES:**
1. FRAME AND LID (SANITARY):
NEENAH R-1015-2000 FRAME
NEENAH R-1015-2001 SELF SEALING LID
 2. FRAME AND LID (STORM):
NEENAH R-1015-2000 FRAME
NEENAH R-1015-2001 LID
 3. ALL LIFT HOLES ARE TO BE GROUTED FROM INSIDE AND OUTSIDE BEFORE BACKFILLING

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



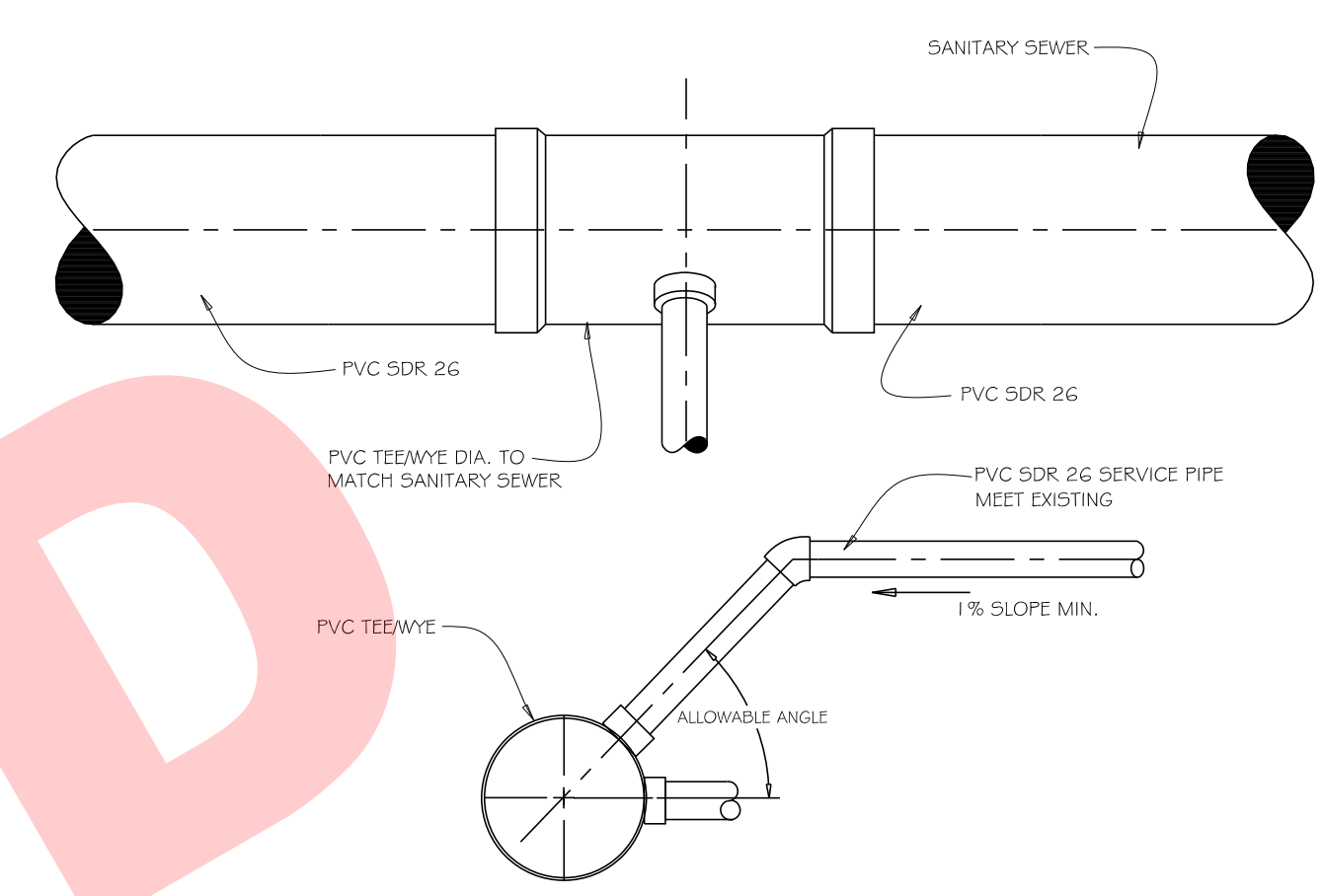
- GENERAL NOTES:**
1. INTERNAL MANHOLE CHIMNEY SEAL CONFORMING ASTM C-923 CRETEX OR APPROVED EQUAL (SANITARY AND COMBINED MANHOLES ONLY)
 2. NEW FRAME AND LID (SANITARY):
NEENAH R-1015-2000 FRAME
NEENAH R-1015-2001 SELF SEALING LID
 3. NEW FRAME AND LID (STORM):
NEENAH R-1015-2000 FRAME
NEENAH R-1015-2001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

| | | | |
|--------------|----------------|--------------------|--|
| REV: RMS | DATE: JUL 2004 | TYPICAL ADJUSTMENT | VILLAGE OF VILLA PARK SANITARY - 06 |
| DRAWN BY: VV | DATE: JAN 2003 | | |



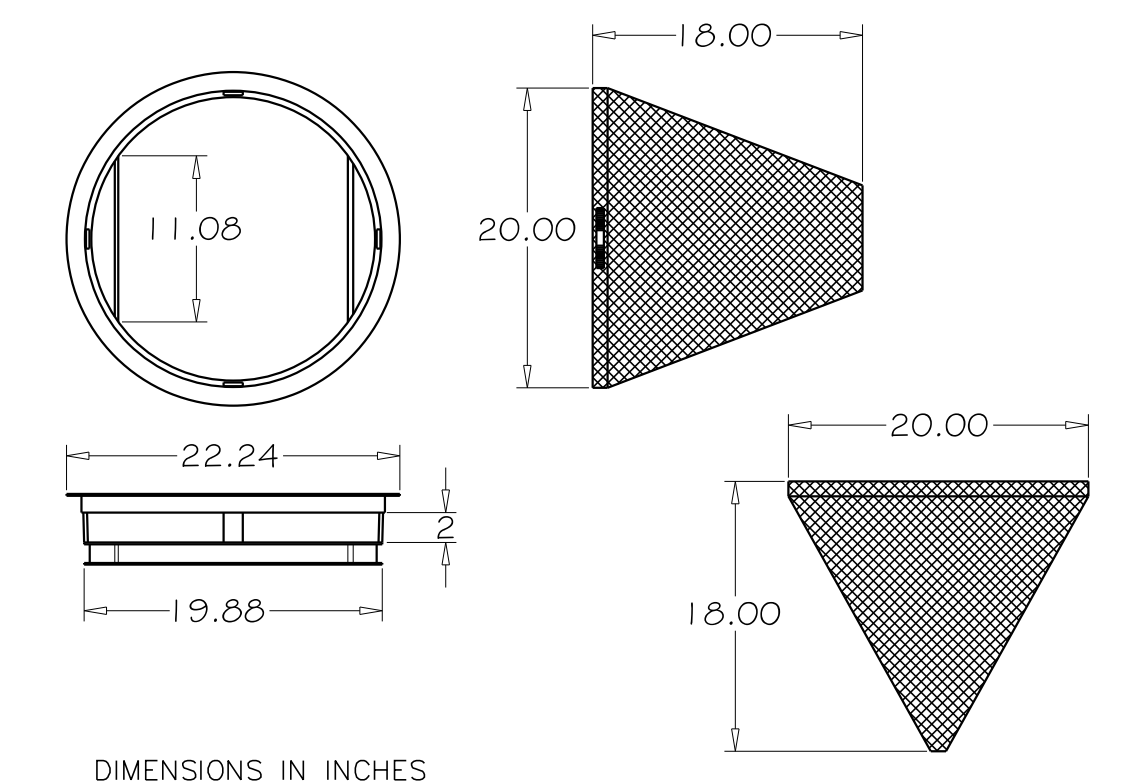
- GENERAL NOTES:**
1. GRANULAR TRENCH BACKFILL SHALL BE MECHANICALLY COMPACTED IN LAYERS OF 12" MAXIMUM, LOOSE MEASURE, TO 95% OF STANDARD MAXIMUM DENSITY (ASTM D 698)
 2. EXCAVATED MATERIAL USED FOR BACKFILL SHALL BE MECHANICALLY COMPACTED IN LAYERS OF 18" MAXIMUM, LOOSE MEASURE, TO 90% OF STANDARD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

| | | | |
|--------------|------------------|-------------------|--|
| REV: KLM | DATE: 10/12/2006 | PIPE INSTALLATION | VILLAGE OF VILLA PARK SANITARY - 08 |
| DRAWN BY: VV | DATE: 01/20/03 | | |



- GENERAL NOTES:**
1. TEEWYE CAN BE INSTALLED ONLY DURING NEW SEWER INSTALLATION
 2. CONTRACTOR MAY USE A TEE OR A WYE AT HIS OPTION

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



- GENERAL NOTES:**
1. USE DRAINAGE STRUCTURE INLET FILTER MANUFACTURED BY MARATHONMATERIALS, INC. OR APPROVED EQUAL.
 2. FRAME - TOP FLANGE FABRICATED FROM 1.25 X 0.125 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: RMS | DATE: JUL 2004 | DRAINAGE STRUCTURE PROTECTION | VILLAGE OF VILLA PARK STORM - 17 |
| DRAWN BY: VV | DATE: JAN 2003 | | |

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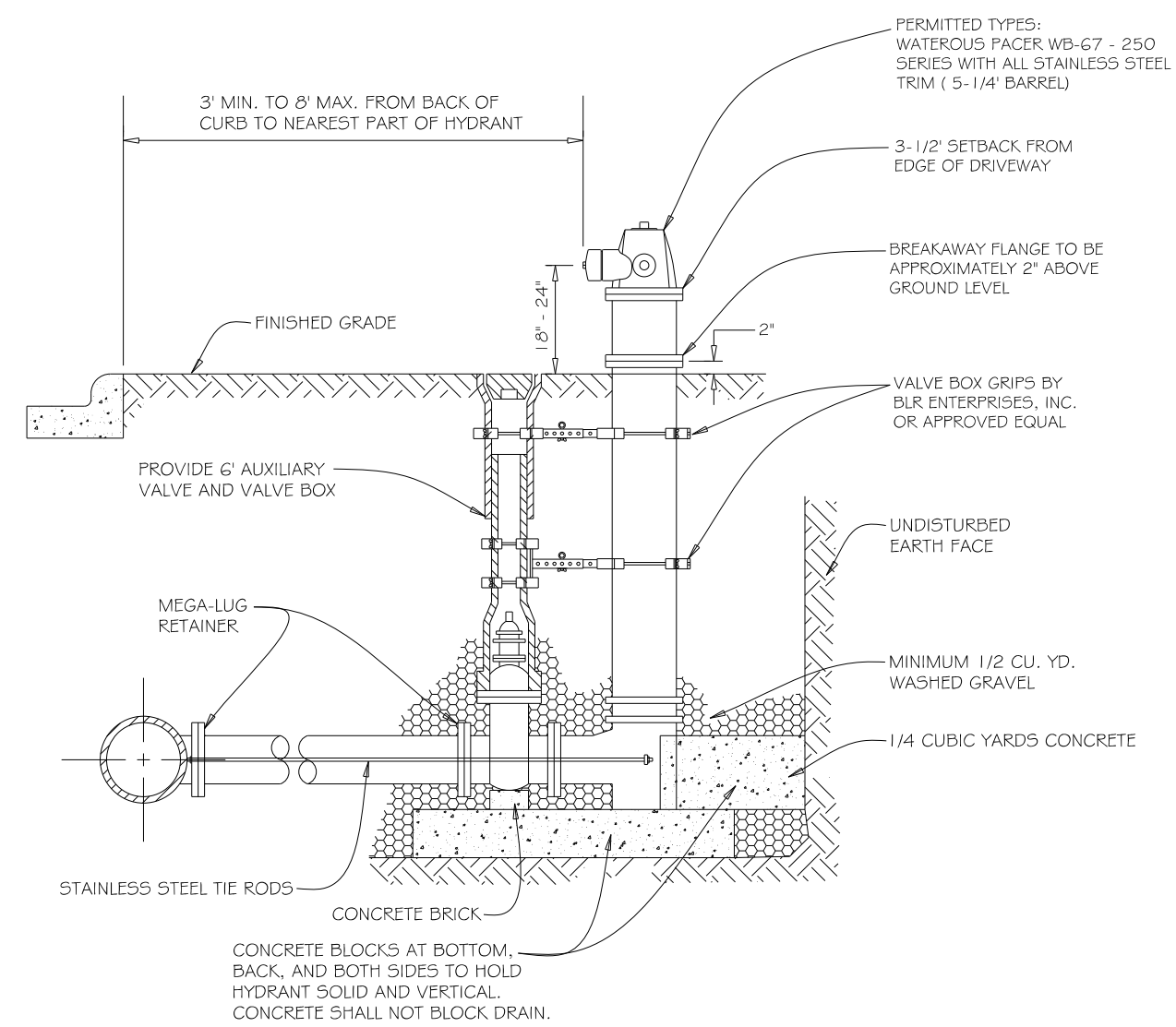
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**VILLAGE OF VILLA PARK, ILLINOIS
RIDGE ROAD WATER MAIN AND STREET IMPROVEMENTS**

MISCELLANEOUS DETAILS

SCALE: STA. TO STA.

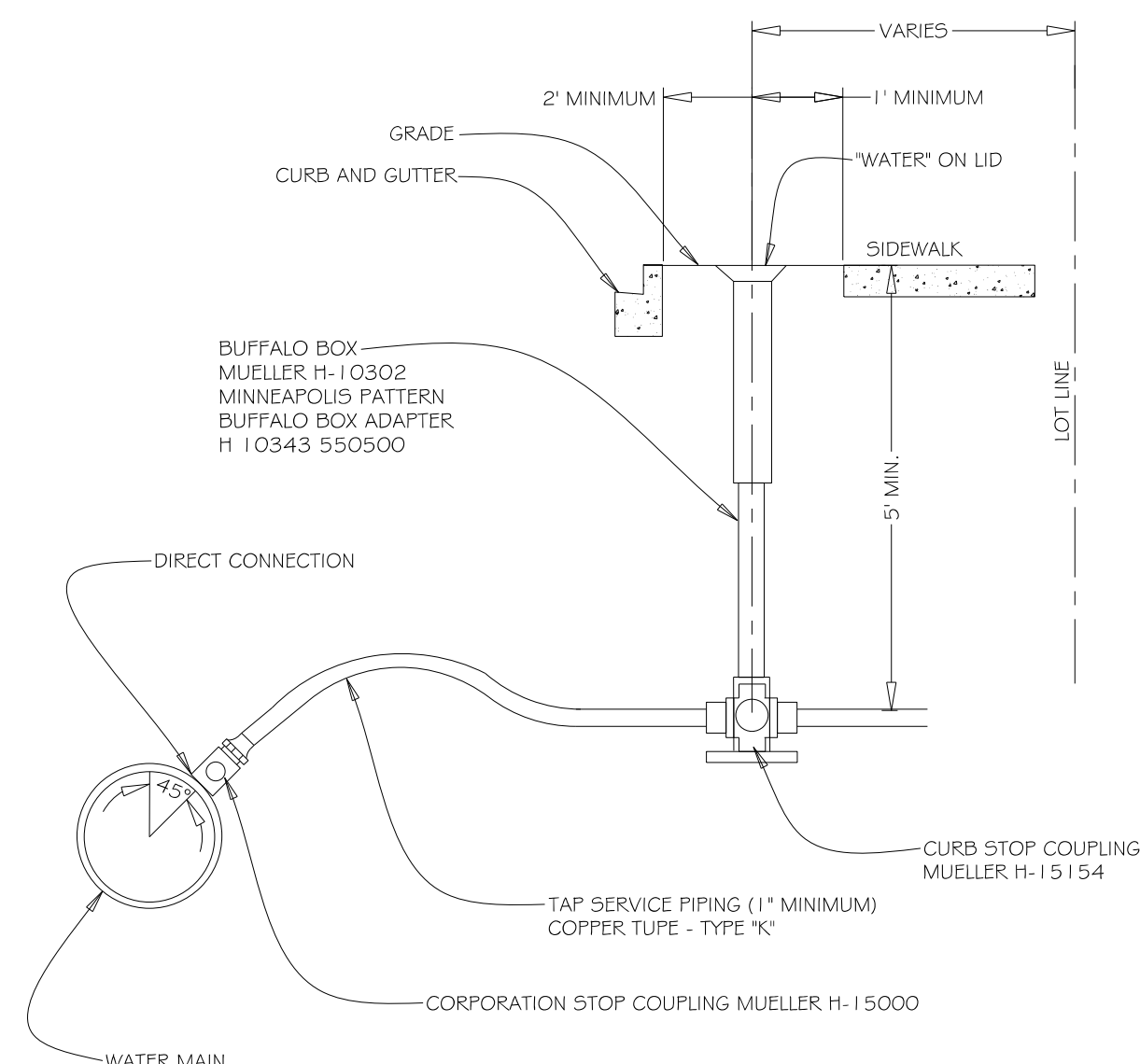
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| N/A | N/A | DuPAGE | 24 | 21 |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT N/A | | |



GENERAL NOTES:

1. MAXIMUM BARREL EXTENSIONS ARE 18 INCHES AND SHALL BE WATEROUS EXTENSION FOR WATEROUS HYDRANTS.
2. ALL HYDRANTS ARE TO BE SUPPLIED WITH A 6" FLANGED AND MECHANICAL JOINT AUXILIARY VALVE THAT CONFORMS TO AWWA 500-90. ALL TRIM BOLTS ARE TO BE STAINLESS STEEL.
3. ALL BELOW GRADE FASTENERS TO BE STAINLESS STEEL:
 - A. BOLTS AND THREADED RODS - GRADE #304
 - B. NUTS AND WASHERS - GRADE #300
4. MEGA-LUG RETAINERS MUST BE INSTALLED ON ALL MECHANICAL FITTINGS.

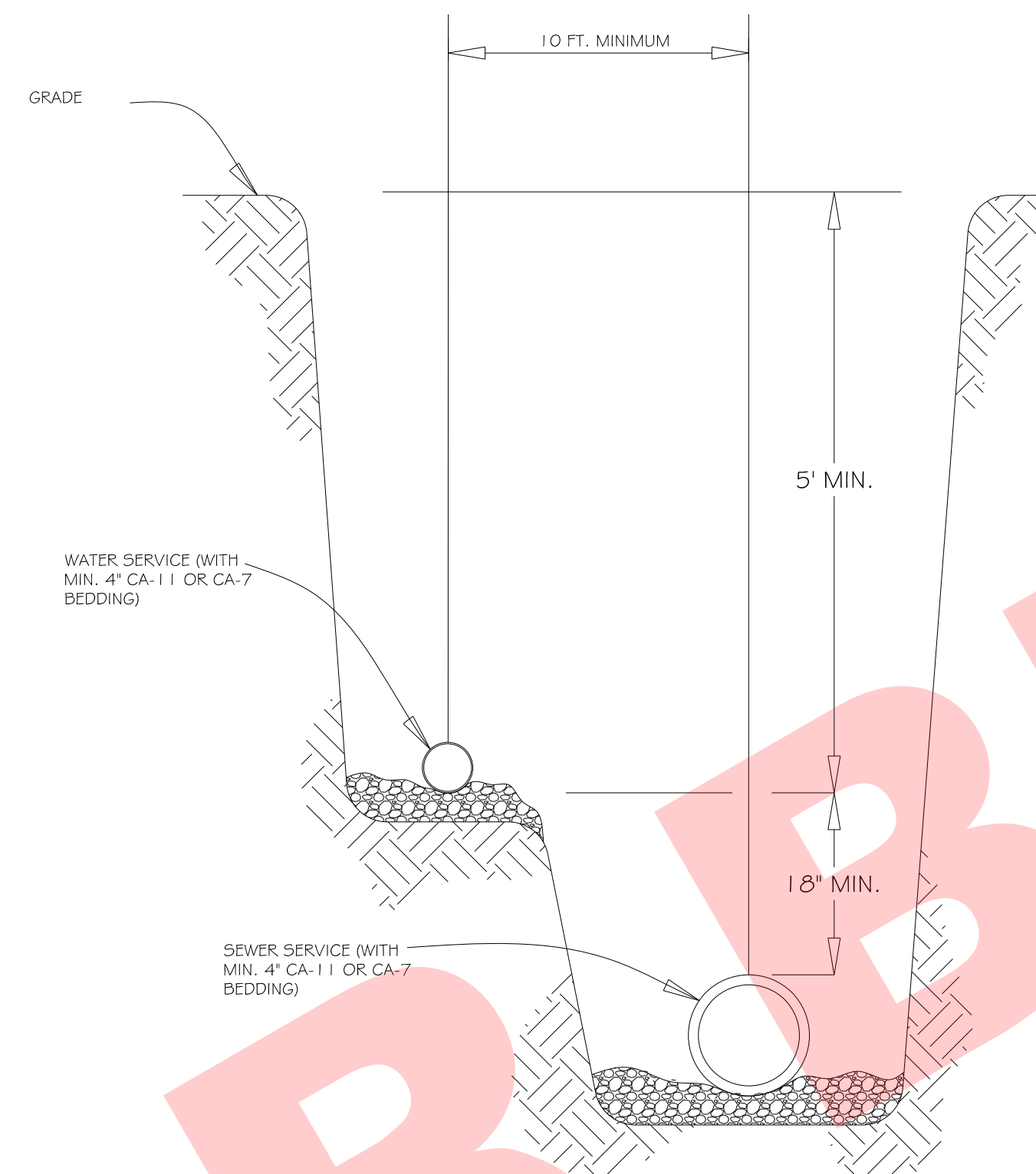
NOT TO SCALE



GENERAL NOTES:

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

NOT TO SCALE



GENERAL NOTES:

1. COMMON TRENCH PER ILLINOIS PLUMBING CODE

NOT TO SCALE

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| REV: | RMS | DATE: | JUL 2004 |
| DRAWN BY: | VV | DATE: | JAN 2003 |

FIRE HYDRANT SETTING

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| VILLAGE OF VILLA PARK |
| WATER - 04 |

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| REV: | RMS | DATE: | JUL 2004 |
| DRAWN BY: | VV | DATE: | JAN 2003 |

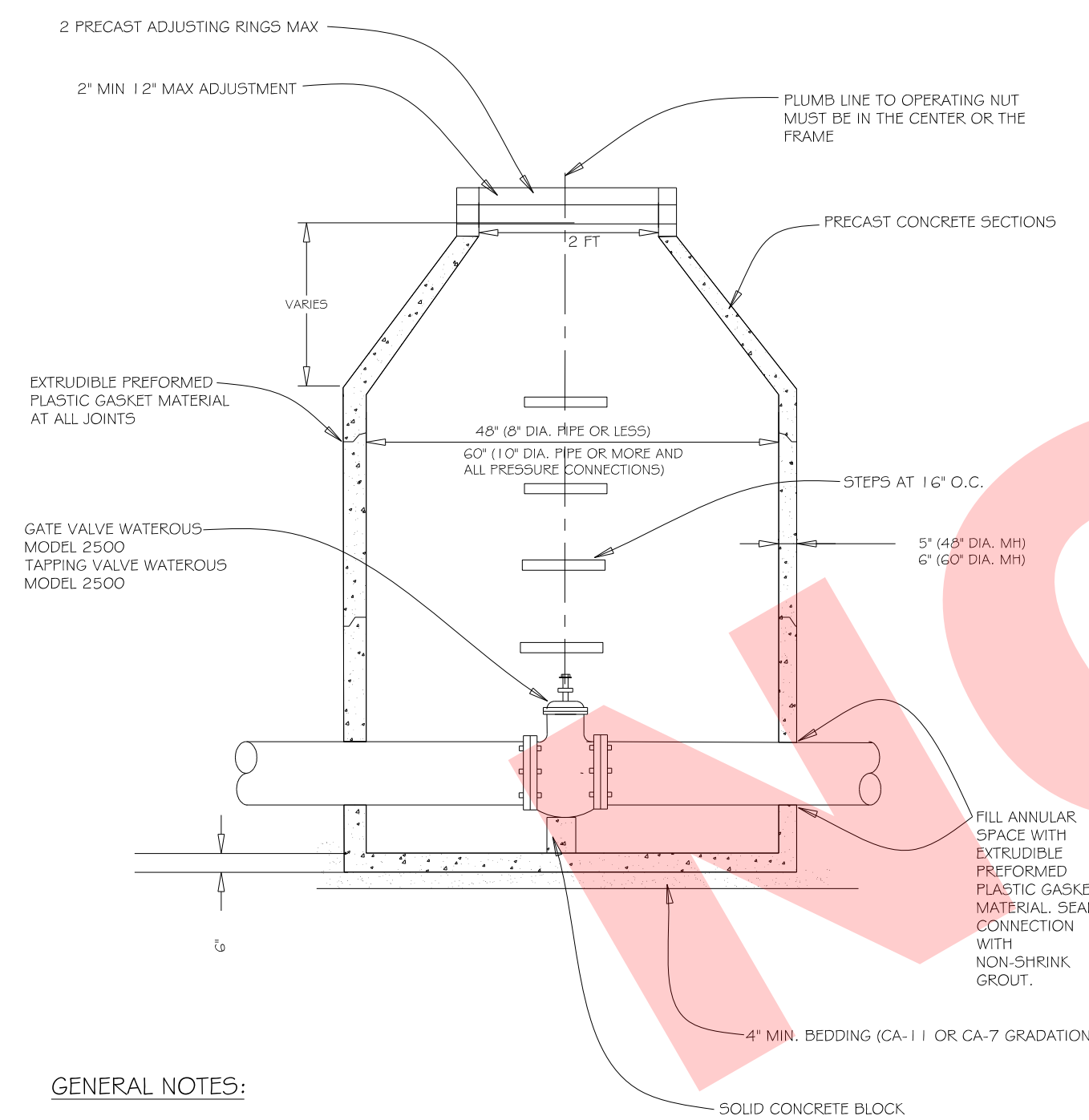
TYPICAL WATER TAP

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| VILLAGE OF VILLA PARK |
| WATER - 12 |

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| REV: | RMS | DATE: | JUL 2004 |
| DRAWN BY: | VV | DATE: | JAN 2003 |

WATER AND SEWER SERVICE SEPARATION

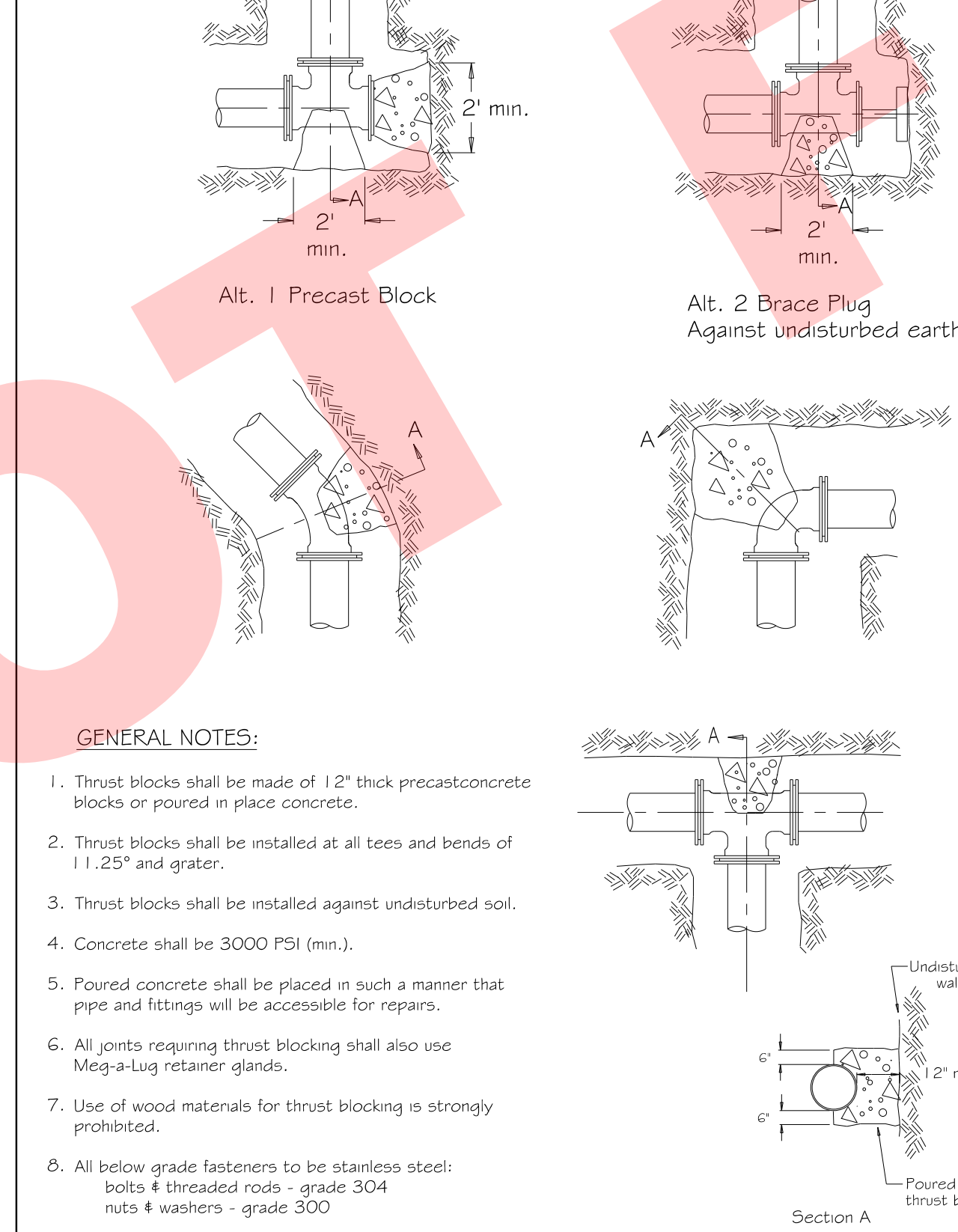
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| VILLAGE OF VILLA PARK |
| WATER - 13 |



GENERAL NOTES:

1. ALL BELOW GRADE FASTENERS TO BE STAINLESS STEEL:
 - A. BOLTS AND THREADED RODS - GRADE #304
 - B. NUTS AND WASHERS - GRADE #300
2. FRAME AND LID:
 - NENAH R-1015-2000 FRAME
 - NENAH R-1015-2001 SELF SEALING LID
 - "WATER" TO BE CAST INTO COVER

NOT TO SCALE



GENERAL NOTES:

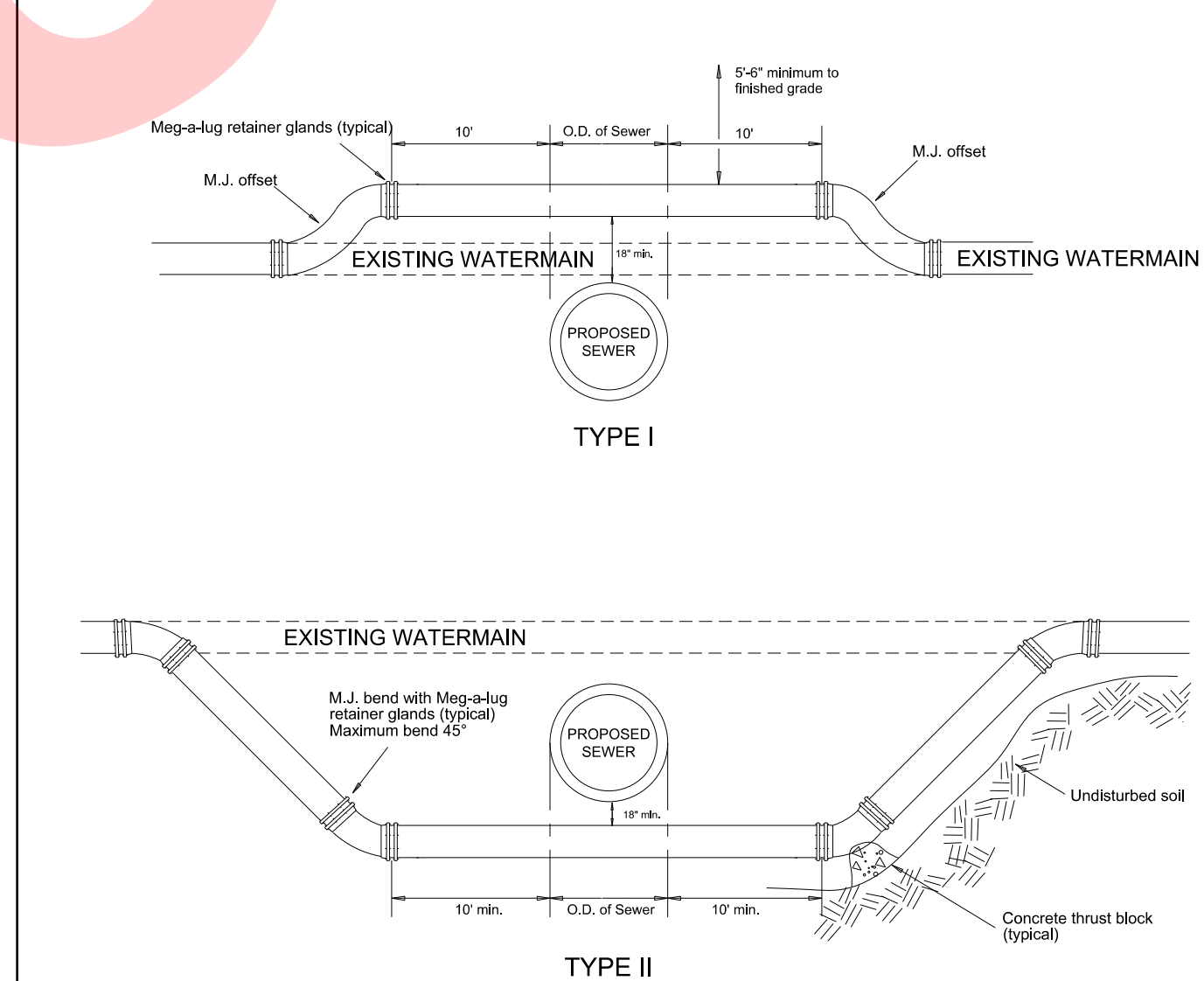
1. Thrust blocks shall be made of 12" thick precast concrete blocks or poured in place concrete.
2. Thrust blocks shall be installed at all tees and bends of 1:1, 25° and greater.
3. Thrust blocks shall be installed against undisturbed soil.
4. Concrete shall be 3000 PSI (min.).
5. Poured concrete shall be placed in such a manner that pipe and fittings will be accessible for repairs.
6. All joints requiring thrust blocking shall also use Mega-Lug retainer glands.
7. Use of wood materials for thrust blocking is strongly prohibited.
8. All below grade fasteners to be stainless steel:
 - bolts & threaded rods - grade 304
 - nuts & washers - grade 300

NOT TO SCALE

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| REV: | RMS | DATE: | FEB 2005 |
| DRAWN BY: | VV | DATE: | FEB 2005 |

THRUST BLOCK INSTALLATION

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| VILLAGE OF VILLA PARK |
| WATER-22 |



GENERAL NOTES:

1. MEGA-LUG RETAINER GLANDS AND THRUST BLOCKING SHALL BE USED AT ALL FITTINGS AND JOINTS.
2. AN EIGHTEEN INCH (1 1/2") VERTICAL SEPARATION SHALL BE MAINTAINED BETWEEN THE WATERMAIN AND THE PROPOSED SEWER.
3. WATERMANS SHALL ONLY BE RAISED A MAXIMUM OF 18" WHEN USING M.J. OFFSET FITTINGS.
4. TYPE I RELOCATIONS SHALL ONLY BE USED WHEN THE TOP OF THE RELOCATED WATERMAIN IS 5/6" OR GREATER BELOW FINISHED GRADE.
5. TYPE II RELOCATIONS REQUIRE THE PROPOSED SEWER TO BE INSTALLED IN PRESSURE RATED PIPE (CLASS 52 DUCTILE IRON PIPE, OR PVC SDR-26, ASTM D-2241 PR PIPE) BETWEEN MANHOLES, OR ENCASED IN A BITUMINOUS COATED STEEL CASING PIPE, EXTENDING A MINIMUM OF 50' CENTERED ON THE WATERMAIN.
6. ALL BELOW GRADE FASTENERS SHALL BE STAINLESS STEEL.
 - A. BOLTS - GRADE 304
 - B. NUTS AND WASHERS - GRADE 300

NOT TO SCALE

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|-----------|-----|-------|----------|
| REV: | RMS | DATE: | JUL 2004 |
| DRAWN BY: | VV | DATE: | JAN 2003 |

WATERMAIN RELOCATION

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|-----------------------|
| VILLAGE OF VILLA PARK |
| WATER - 25 |

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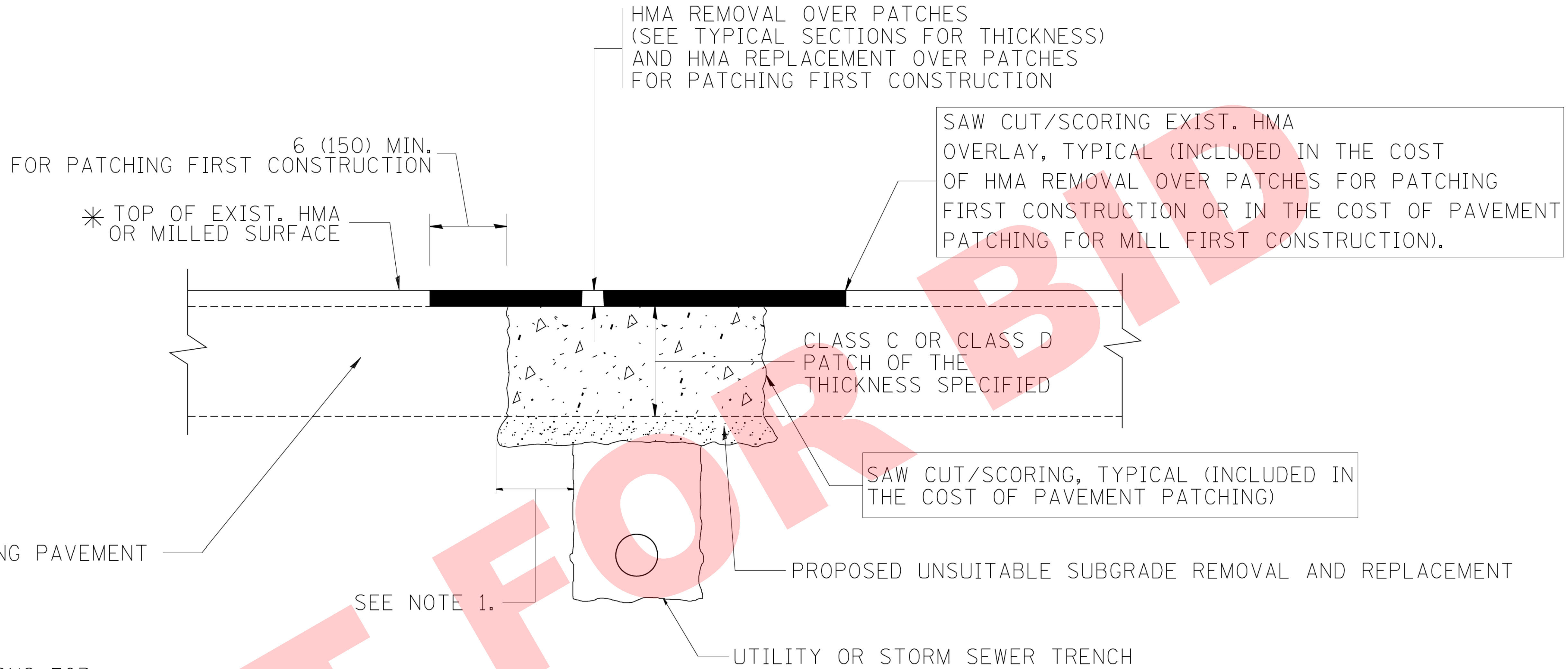
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| DESIGNED - | REVISED - |
| DRAWN - | REVISED - |
| CHECKED - | REVISED - |
| DATE - 02-23-18 | FILE - 160873SHT-Misc Details.dgn |

**VILLAGE OF VILLA PARK, ILLINOIS
RIDGE ROAD WATER MAIN AND STREET IMPROVEMENTS**

MISCELLANEOUS DETAILS

SCALE: TO STA. TO STA.

| | | | | |
|------------------|---------|--------|---|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| N/A | N/A | DuPAGE | 24 | 22 |
| CONTRACT NO. N/A | | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT N/A | |



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

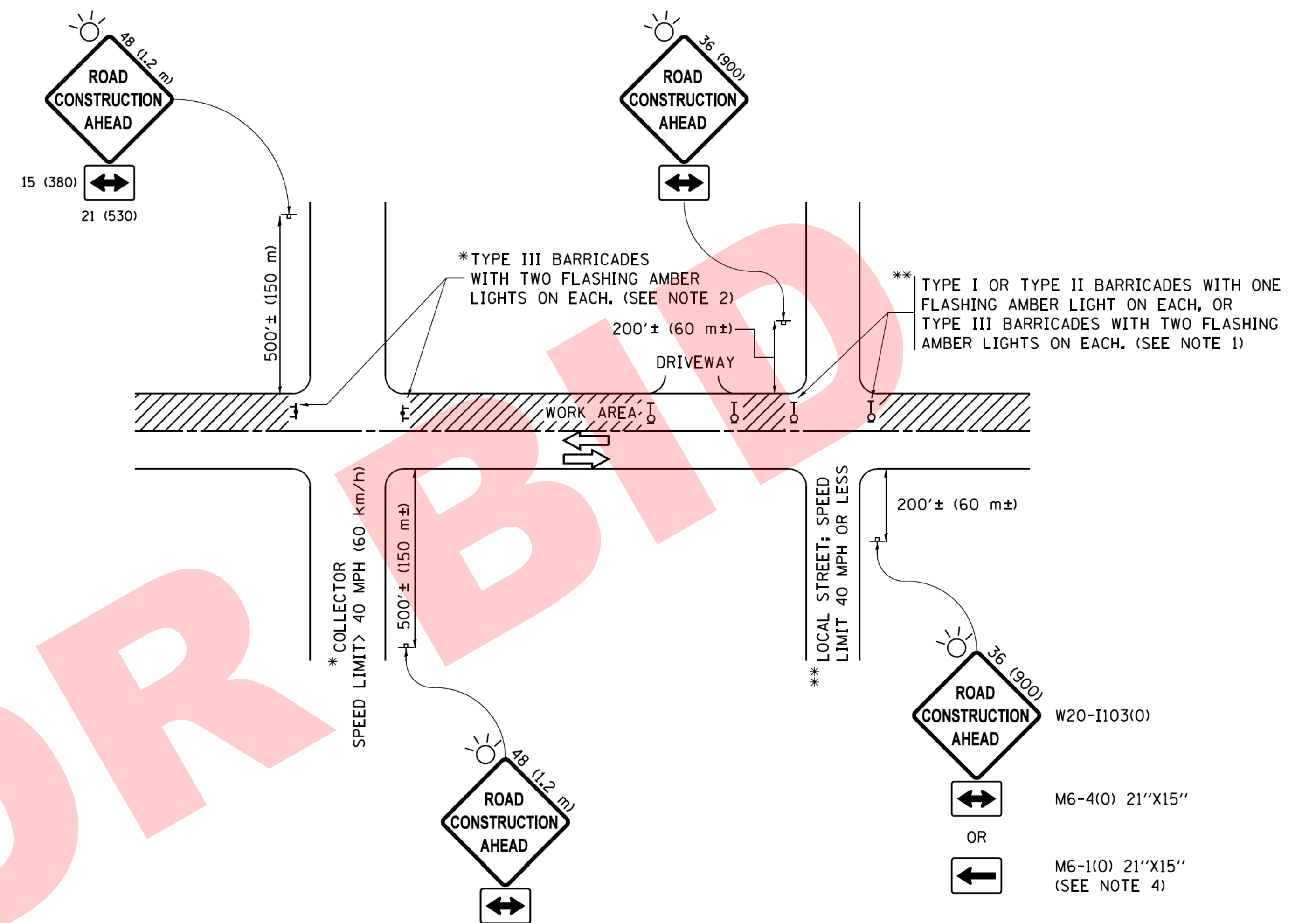
1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

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|--|---------------------|----------------------------|-----------------------------|---|--|-------------------------|------|---|---------|--------|------------------|-----------|----|
| FILE NAME = c:\projects\diststd22x34\bd22.dgn | USER NAME = bauerdl | DESIGNED - R. SHAH | REVISED - A. ABBAS 04-27-98 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | | DRAWN - | REVISED - R. BORO 01-01-07 | | SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. | N/A | N/A | DUPAGE | 24 | 23 |
| | | PLOT SCALE = 50.000' / IN. | REVISED - R. BORO 09-04-07 | | | | | BD400-04 (BD-22) | | | CONTRACT NO. N/A | | |
| | | PLOT DATE = 10/27/2008 | REVISED - K. ENG 10-27-08 | | | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | N/A | | |

NOT FOR BIDDING



NOTES:

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

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

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|---|-----------------------------|-------------------|---------------------------------|
| FILE NAME = | USER NAME = footemj | DESIGNED - L.H.A. | REVISED - A. HOUSEH 10-15-96 |
| pw\11084EBID\INTEG.111nois.gov\FWIDOT\Documents\IDOT Offices\District 1\Projects\Dist 1\CADD\cadd\CADsheets\101.dgn | | DRAWN | REVISED - T. RAMMACHER 01-06-00 |
| | PLOT SCALE = 50.000' / 1" = | CHECKED - | REVISED - A. SCHUETZE 07-01-13 |
| Default | PLOT DATE = 9/15/2016 | DATE - 06-89 | REVISED - A. SCHUETZE 09-15-16 |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------------|---------|--------|-------------------------|-----------|
| N/A | N/A | DuPAGE | 24 | 24 |
| TC-10 | | | CONTRACT NO. N/A | |
| ILLINOIS FED. AID PROJECT N/A | | | | |