Engineering Design
&
Inspection Policy
Manual

Village of Montgomery

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(Resolution 2024-036)

Village of Montgomery Engineering Design and Inspection Policy Manual

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Section 1: Standard Specifications for Improvements

1.01 GENERAL

All work performed under these specifications shall be done by qualified contractors and subcontractors familiar with the type of work to be accomplished. Prior to the awarding of any contract for work to be done under these specifications, the Developer shall furnish to the Village of Montgomery for approval the names and addresses of all Contractors and Subcontractors he proposes to use.

All improvements constructed within the Village of Montgomery shall be done in accordance with the "Village of Montgomery Standard Specifications for Improvements", the State of Illinois "Standard Specifications for Road and Bridge Construction", latest edition, and the current "Standard Specifications for Water and Sewer Main Construction in Illinois", and all amendments thereto. These documents shall be considered as included within the Village of Montgomery Standard Specifications for Improvements, and in the case of conflict of requirements, the most stringent shall apply.

The Village, through its Engineer, may under special conditions, grant variances within the intent of these specifications. Any changes in the approved plans must have prior approval in writing by the Village Engineer. The Village will, upon notice of improper material or material installation practices, issue a written document to the Developer, or his Contractor, stating that the failure to stop and correct such deficiencies will result in the Village's refusal to accept such improvements.

These specifications shall become a part of each and every project approved by the Village.

Contractors that have been negligent in previous Village contracts will not be allowed to work within the public right-of-way.

1.02 STREETS

A. **Street Standards can be found in Section 7.04 of the Unified Development Ordinance**

B. STREET ARRANGEMENT. Where such is not shown on the Comprehensive Plan, and/or official map, the arrangement of streets within a subdivision shall either:

1. *Continuity*. Provide for the continuation or projection of existing principal streets in adjacent areas; or

2. *Conformity with Plan.* Conform to the Comprehensive Plan and other land use policies of the Village for the area or neighborhood approved or adopted by the Planning and Zoning Commission to meet a particular situation where topographical or other conditions make continuance or conformance to existing streets impracticable.

C. STREET DESIGN. All required street right-of-way widths, pavement widths, curves, gradients, and sight distances shall be as shown in the accompanying *Table of Minimum Standards for Street Design* (Table 1.C) and in accordance with the following:

1. *Street Jogs.* Street jogs with centerline offsets of less than one hundred fifty (150) feet shall be avoided.

2. *Intersections*. It must be evidenced that all street intersections and confluences encourage safe and efficient traffic flow and, in general, be at, or near, right angles, and in all cases, the angle of intersection for centerlines must be 80 to 100 degrees. An intersection of more than two (2) streets shall not be permitted. (See Unified Development Ordinance Section 7)

3. *Cul-de-sac Streets*. A cul-de-sac street, in single-family residential districts, shall be no more than six hundred (600) feet in length, measured along its centerline from the point of origin to the end of its right-of-way. In multiple-family residential areas, cul-de-sac streets shall not be permitted. Each cul-de-sac street shall have a terminus of nearly circular shape with a minimum right-of-way diameter equal to pavement diameter plus twenty-eight (28) feet and a pavement outside diameter of not less than eighty-four (84) feet. (See Unified Development Ordinance Section 7)

4. *Median Strips*. Median strips other than raised center curbs separating lanes of traffic within a single right-of-way shall not be allowed. However, where a parkway exists on a new street which is an extension of the existing street, a median strip may be constructed not more than five hundred (500) feet in length to provide the transition to no median strip. All such median strips as described above shall have barrier curbs with gutters.

5. *Access from Major Streets*. Provisions shall be made for vehicular and pedestrian access to residential property abutting a major street either by providing: (a) a marginal access road, or (b) by backing lots to the thoroughfare and providing access by a collector, minor, or cul-de-sac street one (1) lot depth removed and with a no-access strip at least twelve (12) feet wide along the rear lot line. These standards are established for the purpose of providing protection for the residential properties and to provide for traffic safety and the efficient use of the major street for its intended function of accommodating through traffic.

6. *Frontage Roads*. Where a subdivision borders on or contains a railroad or highway, the Planning and Zoning Commission may require a street approximately parallel to and on each side of such railroad or highway, at a distance suitable for the appropriate use of the intervening land, as for park purposes in residential district, or for commercial or industrial purposes in appropriate districts. Such distances shall also be determined with due regard for the requirements of approach grades and future grade separations.

7. *Reserve Strips*. Reserve strips controlling access to public utilities, streets, or alleys shall be prohibited. (See Unified Development Ordinance Section 7)

8. *Street Levels*. Street levels shall provide proper relation between the street and the elevation of the houses to ensure positive drainage from the building to the street.

TABLE 1.C: MINIMUM STANDARDS FOR STREET DESIGN

Street Type	Right-of-Way Width	Pavement Width	Radius of Horizontal Curves	Length of Vertical Curves	Tangent Between Horizontal Reverse Curves	Maximum Gradient	Minimum Gradient	Clear Sight Distance
Arterial Street	90 to 120 ft	54 to 86	500	200 (a)	200	5%	4%	500
Collector Street	80 ft	39-54	400	200 (a)	200	5%	4%	400
Local Street	66 to 74 ft	H.D 31 L.D 28	1500	100 (b)	NA	6	4%	200
Alley	20 to 30 ft	20 to 30	NA	NA	NA	6%	4%	200

Pavement measurements are in feet and are from back of curb and include additional width for on-street parking.

(a) 50 feet of each 1% algebraic difference in grade but in no case less than 200 feet.

(b) 40 feet of each 1% algebraic difference of grade but in no case less than 100 feet.

D. ALLEYS

1. In commercial, business and industrial districts, definite and assured provisions shall be made for service access such as off-street loading, unloading, and parking consistent and adequate for the uses proposed. If, in the opinion of the Planning and Zoning Commission, such facilities are not adequate, the Planning and Zoning Commission may permit or require the dedication and improvement of a public alley.

2. Alleys in residential areas shall not be permitted, except where deemed necessary, and on the recommendation of the Zoning Officer in consultation with the Village Engineer.

3. The width of an alley where permitted or required shall be twenty (20) feet in residential areas and thirty (30) feet in commercial, business and industrial districts.

4. Alley intersections and sharp changes in alley alignment shall be prohibited.

E. PRIVATE ACCESS DRIVES

1. *Planned Unit Developments*

   a. Design Approval. The complete design for access streets, including specifications and designation of trafficway, driving lanes, paving widths, thickness, materials, etc., shall be submitted to the Planning and Zoning Commission for review and approval prior to the issuance of building permits or sale or lease of buildings or land in "Planned Unit Developments" as defined in the UDO. The minimum number of off-street parking spaces shall be in accordance with the requirements of the UDO. Where more than one (1) owner or lessee are to use the same private marginal access road or parking lot, an easement or agreement shall be recorded before approval of the multi-family, commercial or industrial subdivision as defined herein.

   b. Ingress and Egress. A minimum distance may be recommended by the Planning and Zoning Commission and required by the Village Board where deemed necessary between points of ingress and egress where all property to be subdivided is under one (1) ownership on the effective date of this ordinance. Where property has frontage on a County, State or Federal highway, the spacing and design of the points of ingress and egress to the major highway shall be subject to approval of the Illinois Department of Transportation or County Highway Department.

2. *Conventional Development*. A paved apron from the property line to the street shall be provided as wide as the driveway for the dwelling to be served following Section 10 and Table 10.06.1 of the UDO. The driveway shall follow the maximum

width or the width of the driveway at the property line, whichever is less. Driveway aprons must be constructed of asphalt or concrete. (See Unified Development Ordinance Section 10)

F. PUBLIC SIDEWALKS AND PEDESTRIAN CROSSWALKS

1. *Sidewalks Required*. Sidewalks shall be installed on both sides of all streets located wholly within a subdivision and on the interior side of any existing street or street right-of-way bordering a subdivision in accordance with the following:

   a. Sidewalks Separated from Streets. Sidewalks shall be separated from public streets by parkways. Parkways shall be a minimum of eight (8) feet from the edge of the walk to the back of the curb or in conformance with parkway table requirements in the UDO.

   b. Carriage Walks Prohibited. Sidewalks adjacent to, or in conjunction with street curbs, are not permitted.

2. *Pedestrian Crosswalks Required*. Pedestrian ways or crosswalks, not less than six (6) feet in width in right-of-way with a paved walkway, shall be provided near the center of any block in excess of eight hundred (800) feet in length or in any other block as recommended by the Planning and Zoning Commission and approved by the Village Board.

1.03 EASEMENTS

A. **See Unified Development Ordinance Section 7.05**

B. EASEMENT DESIGN AND LOCATION. Utility distribution or transmission installation serving the subdivision, and stormwater drainage ways, when required, shall be located in easements as designated on the subdivision plat of record. Such easements shall be located along the rear lot lines or side lot lines at locations and extensions of utility installation between blocks, or continuity of drainage way. They shall occupy a minimum of ten (10) feet of lot width as measured for the combined width of the interior side yards or may be of greater width if recommended by the Village Engineer and approved by the Board of Trustees. Additional easements at other locations may be recommended for specific conditions by the Village Engineer and required by the Board of Trustees.

C. CONTINUITY OF EASEMENTS. Easements shall be designed to provide continuity from block to block.

D. DRAINAGE EASEMENTS. Where a subdivision is traversed by a natural drainage way, channel, or stream, there shall be provided a drainage easement, conforming substantially with the areas bordering such water course that are subject to flooding. The easement width shall be determined by the Village Engineer.

1.04 SANITARY SEWERS

A. SEWER SERVICE REQUIRED

1. Sanitary sewers and sanitary sewer service shall be installed to service all properties being developed within the municipality.

B. SEWER SERVICE DESIGN

1. Sanitary sewer laterals shall be a minimum of eight (8) inches in diameter with minimum service lines of six (6) inches in diameter.

2. Material of pipe jointing and the placement, care and maintenance of such facilities shall be as established by Fox Metro standards.

3. The infiltration limit for all sanitary sewers shall not exceed those standards set by Fox Metro. Ex-filtration tests where allowed by the Village Engineer shall provide the same criteria as infiltration.

4. Such joints and materials as are set forth shall be considered minimum, and in the cast of the sanitary sewer, must meet infiltration and other specifications in order to be approved by the Village.

C. APPROVAL FOR CONSTRUCTION. All sanitary sewer systems shall be designed and constructed in accordance with standards approved by the Environmental Protection Agency of the State of Illinois, Fox Metro Sanitary District, and the Village of Montgomery, and the current edition of the Standard Specifications for Water and Sewer Construction in Illinois. All sewer design, plans, and specifications shall be submitted to the above agencies for approval and file.

D. LARGER CAPACITY SOMETIMES REQUIRED. Where sanitary sewer mains of larger capacity than necessary are required, as directed by the Village Engineer, to serve the subdivision as delineated in the preliminary plan, the Developer shall be required to pay for the proportionate benefit of the installation to their subdivision, as established by the Village Engineer. A Recapture Agreement may be utilized.

E. TESTING. All public sanitary sewers shall be air and deflection tested and all manholes vacuum tested by the Developer, at their expense, under the supervision of the Village Engineer, or their authorized representative. One copy of the report shall be forwarded to the Village Engineer. An infiltration test will be allowed if it can be shown at the time of the test that the water table is above the top of the pipe. All testing will be done in conformance with the "Standard Specifications for Water and Sewer Main Construction in Illinois", current edition. All sanitary sewers, eight inches (8") in diameter and larger, shall also be inspected by closed circuit television by the Fox Metro at the Developer's

expense, prior to final acceptance.

1.05 STORM SEWERS

A. STORM SEWER DESIGN. Storm sewers of sufficient capacity shall be constructed through the entire subdivision to carry off water from all inlets and catch basins and shall be connected to an adequate outfall. Intercepting stormwater inlet or catch basin structures shall be provided at flow intervals not in excess of three hundred feet (300') as measured along the gutter line. The minimum size storm sewer shall be twelve-inch (12") RCP at a minimum. All stormwater runoff which flows overland into or out of a storm sewer system must enter or exit through a flared end section or a poured-in-place headwall. Grates may be required by the Village.

All parking lot storm drainage systems shall also be in conformance with the landscape standards in the UDO for runoff infiltration and curb design.

Best Management Practices such as bioswales, bioretention, etc. are encouraged and may be utilized in the right-of-way. See Section 7 of the UDO and the Stormwater Management Ordinance for additional information.

The stormwater drainage system shall be separate and independent of the sanitary sewer system. Storm sewers shall be constructed of non-reinforced or reinforced concrete pipe conforming to the American Society for Testing Materials, Designations C-76, wall thickness B. Existing groundwater drain tiles shall be connected to storm sewers or shall be restored to operating condition at the direction of the Village Engineer. Joints for concrete storm sewer shall be of the bituminous mastic type.

Storm sewer capacities shall be determined with the use of the latest computer modeling method based on a return frequency of not less than TEN (10) years. The runoff coefficient (C factor) shall be determined by the character of the land to be drained when fully developed and shall conform to accepted standard engineering practices. Street grades and lot and block drainage shall be established so as to permit positive drainage to the storm sewer system. Parking lots shall be drained internally and directed to the storm sewer system where practical.

Control of stormwater runoff shall be in accordance with the Village of Montgomery's stormwater runoff control ordinance (AKA Kane County Stormwater Ordinance), but which may be amended from time to time. All wet retention areas may require approved aeration and all wet-dry retention areas will require low-flow pipe provisions. An approved method of embankment protection shall be required. All slopes shall be graded to 4:1 or flatter and should conform to the requirements of the Village's Naturalized Stormwater Planting Guidelines.

The storm sewer system will be designed to carry the runoff from all contributing areas, external as well as internal.

A copy of the design computations, gradient profile, contour map, contributing areas, and plan for storm sewer system, including stormwater retention, shall be submitted for approval by the Village Engineer, and must be submitted by a Registered Professional Engineer and sealed accordingly.

B. SPECIAL CONDITIONS

1. *Sump Pump Lines.*
   Separate sump discharge lines shall be installed by the Developer to serve all lots within the subdivision. These lines, consisting of PVC pipe (4" minimum) shall be installed in an easement, three feet (3') into the property along each side of the street, and be connected to the proposed drainage structures. A plugged wye shall be provided for each lot and an inspection structure shall be installed on the upstream end of all lines. No blind connections to pipe allowed. All connections must be made within a structure.

2. *Inlet and/or Catch Basin Castings.*
   Inlet and/or catch basin frames and grates shall be as called out in the Village Details in Section 3.02 of this Manual. Where a continuous grade is carried across an inlet or catch basin, the open vaned cover shall be used, Neenah No. R-3274, or approved equal.

3. *Manhole Castings.*
   All manhole castings shall be Neenah No. R-1713 frame and Type B cover or approved equal. All Type B covers shall have "Village of Montgomery" cast into the top and shall be the concealed pickhole type. All Type B covers used for sanitary sewers shall have a machined surface and a watertight rubber gasket seal. All manhole frames shall be set with Butyl rope joint sealant.

   All sanitary sewer manholes shall be provided with approved cast-in-place rubber boots (flexible manhole sleeve) having a nominal wall thickness of three-sixteenth inches (3/16") with a ribbed concrete configuration and with stainless steel binding straps properly sized and installed for all conduits of twelve inch (12") diameter or less entering or exiting the manhole. All sanitary sewer manholes shall be completely sealed with Butyl rope joint sealant, including all component parts, bottoms, barrels, adjusting rings, and casting.

4. *Manholes Catch Basins and Inlets.*
   All manholes, catch basins and inlets shall be reinforced precast concrete and shall be sealed with Butyl rope joint sealant, not mortar. Manholes for sanitary sewers shall be spaced at a maximum interval of four hundred feet (400'). Manholes for storm sewers shall be spaced as follows as a maximum:

Pipe Size	Maximum Spacing
12” through 24”	350 feet
27" through 36"	400 feet
42" through 54"	500 feet
60" or larger	1,000 feet

All stormwater must pass through a catch basin prior to entering the storm sewer trunkline. All other stormwater collecting structures shall be Type A inlets. All catch basins and inlets shall be constructed with weep holes as shown in the Village Standard Details in Section 3.02 of this Manual. All catch basins and inlets will be backfilled with a one-half inch (1/2”) to three-eighths inch (3/8”) open graded fractured aggregate to allow for subgrade seepage. If subgrade conditions are excessively wet, excessively sensitive to moisture, or special conditions, a capped perforated pipe may be required.

Catch basins shall empty into a manhole except that a catch basin may tie directly into the storm sewer trunkline utilizing a minimum six-inch (6”) concrete collar if the following conditions are met:

1. The storm sewer trunkline is thirty-six inch (36") diameter or greater.

2. If the storm sewer conduit from the catch basin to the trunkline is forty feet (40') or less in length and enters the trunkline in the top one-third (1/3) of the storm sewer trunkline.

3. Jogs in sewer lines to pick up structures will not be allowed.

5. *Final Adjustment.*
All final adjustments of castings will be accomplished by the use of concrete or rubber adjusting rings set in Butyl rope joint sealant; mortar joints will not be allowed. Height of adjusting rings shall not exceed eight inches (8”). No concrete rings two inch (2”) and under will be allowed.

All main line valve boxes, buffalo boxes and manholes shall be marked at the time of construction with a 4” x 4” hardwood post neatly installed vertically with a minimum of three feet (3') bury and a minimum of four feet (4') exposed. The top one foot (1') of the post shall be painted as follows: blue for water, green for storm sewer, and red for sanitary sewers.

6. *Taps.*
All connections to the sewer mains shall be made by the contractor under the supervision of the Village Engineer and shall use a Kor-N-Tee or Inserta Tee connection or approved equal.

1.06 WATER MAINS

All work and material shall be in accordance with Village ordinances and with the latest edition of the "Standard Specifications for Water and Sewer Main Construction in Illinois", latest edition, and as chronologically reissued. In case of conflict, the more stringent of the requirements shall apply. **(Water Supply Standards can be found in Section 7.05 of the Unified Development Ordinance.)**

Typical component items of use in a water distribution system are included below. Some items are described in trade specification terms and others are of proprietary manufacturer as used by the Village. It is the desire of the Village to use those particular items as described.

Village water mains and hydrants shall be placed on the North and West sides of the streets unless approved otherwise by the Village Engineer.

A. WATER MAINS

Water mains shall be a minimum of eight inches (8") internal diameter with a cover of five feet, six inches (5'6") minimum below finish grade.

1. *Materials*
   Materials shall be ductile iron Class 52, single gasket, double sealing pipe per AWWA C151/ANSI A21.51 with cement mortar lining per AWWA C104/ANSI 21.4 (Griffen, Clow, American, or approved equal).

2. *Fittings*
   Fittings shall be cement-lined, tar-coated ductile iron with mechanical joints rated 250 psi per AWWA CilO/ANSI 21.100 (Clow, American, U.S. Pipe, or approved equal).

3. *Valves*
   All main line valves shall be as shown in the Village Details in Section 3.02 of this Manual. Valves shall have mechanical joint ends and shall open to the left. Valves shall be installed each second consecutive hydrant at intersecting line and other locations as required such that a minimum number of services will be affected during the main isolation.

   Open graded limestone shall be utilized to backfill all around the operating nut on all valve boxes to prevent mud from penetrating the valve box.

B. VALVE BOXES

All valves, with the exception of auxiliary valves, will be placed in 5' or 6’ diameter valve vaults:

Diameter of Valve Vault	*Diameter of Water Main*
5’	Less than 12”
6’	12” or greater

Auxiliary valves, as determined by the Village Engineer, will be placed in adjustable valve boxes.

C. THRUST BLOCKS

All tees, bends, fire hydrants and valves shall be adequately blocked with precast concrete thrust blocking against undisturbed earth.

D. FIRE HYDRANTS

All hydrants shall follow the Village Details in Section 3.02 of this Manual and shall be installed throughout the subdivision at each intersection and at intervals not exceeding three hundred feet (300'). Hydrant installation shall have five-feet, six-inch (5'6") depth of cover, a six-inch (6") lead with gate valve, breakaway traffic flange, pentagon nut and National standard thread for fire service. Centerline of pumper nozzle shall be eighteen inches (18") to twenty inches (20") above finish grade line (sidewalk to curb) or above ditch drain line with Public Works Department approval. Base elbow of hydrant shall be properly thrust blocked per above and shall be provided with clean-washed stone and polyethylene covering.

Fire hydrants shall be located on the property line extended except at corners and shall be set two feet (2') minimum and three feet (3') maximum from the sidewalk to the face of the pumper nozzle. Where there is no sidewalk, the face of the pumper nozzle shall be located five feet (5') from the paved road edge. All hydrants and any required adjustment fittings shall receive one (1) field coat of red paint as recommended by the manufacturer prior to final acceptance.

E. TAPS

All taps to the water main shall be made by the Contractor under the supervision of the Village after payment of applicable connection fees.

F. WATER SERVICE

All water services shall be constructed of Type K copper pipe of such diameter as specified by Village ordinance and in accordance with AWWA publication M-22 entitled, "Water Service Lines and Meters". Service line diameter is dependent upon peak water demand and meter distance from main. Minimum service diameter shall be one inch (1").

No joints will be allowed between the corporation stop and the curb stop. Material and installation will be in general accordance with AWWA C800.

Services shall be equipped with corporation stop, curb stop and buffalo box. Buffalo box shall be set in the parkway on the center line of the property approximately centered between the back of sidewalk and the adjacent right-of-way line. Except as permitted below, the underground water service pipe and the building drain, or in building sewer, shall be not less than ten feet (10') apart horizontally and shall be separated by undisturbed or compacted earth. The water service pipe may be placed in the same trench with the building drain and building sewer if the conditions listed below are met:

1. The bottom of the water service pipe at all points shall be at least twelve inches (12") above the top of the sewer line at its highest point.

2. The water service pipe shall be placed on a solid shelf excavated at one (1) side of the common trench.

3. The materials and joints of sewer and water service pipe shall be installed in such a manner and shall possess the necessary strength and durability to prevent the escape of solids, liquids and gases therefrom under all known adverse conditions such as corrosion, strains due to temperature changes, settlement, vibrations and superimposed loads.

4. All water services shall be installed with a minimum of five feet (5') of cover from finish grade.

5. All curb boxes shall be Minneapolis Pattern with one and one-fourth inch (1-1/4") standpipe, A.Y. McDonald 5614LTW with slotted b-box tops, or approved equal.

6. All corp and curb stops shall be of compression type. Acceptable corp stops are Ford F600-F, Mueller H-15000, or A.Y. McDonald 4701. Acceptable curb stops are Mueller H-15154, Ford B-22-444M, or A.Y. McDonald 6104.

G. FIRE LOOPS

The Village may require a private fire loop for commercial and industrial buildings as recommended by the Village Engineer. The fire loop must be isolated from the public water system in accordance with the Details and Specifications in Section 3 of this Manual.

1.07 SIGNS

A. STREET SIGNS

All street names must be approved by the Village and the 911 agency in whose jurisdiction the Village is located and shall follow Section 7.04 of the UDO.

At each street intersection there shall be installed one or more street signs showing the names of the streets as indicated on the preliminary and final plats and on 'the construction plans.

All local road intersections shall have one street sign on the Northerly and Easterly corner. Collector and arterial streets shall have two (2) street signs, one on the Northerly and Easterly corner and one on the Southerly and Westerly corner of the intersection. At a "T" intersection, only one sign shall be required, which shall be placed on the terminating street side of the intersection on the Northerly and Easterly corner thereof. All street signs shall conform to the following specifications:

1. The extruded aluminum blanks shall be 9" x 36" for collector and major streets and shall be 30” x 9" for minor and local streets.

2. Longer signs may be necessary subject to review by the Village.

3. The sign faces shall be 3M Company, or approved equal, using reflective high-intensity paper utilizing white letters on a green background.

4. Street name signs shall be mounted to street light poles or posts with a metro wing bracket, utilizing stainless steel hardware, following the Village of Montgomery Street Name Signs detail in Section 3 of this manual.

5. All street signs shall conform to the State of Illinois “Manual on Uniform Traffic Control Devices for Streets and Highways”, latest edition, including erection thereof. All signs shall have white letters on a green background of the size as indicated in Item 1 above.

6. The street signs shall be in place prior to the issuance of any occupancy permits. Temporary street signs constructed of wood with neat lettering may be installed with seven-foot (7’) clearance prior to the issuance of any building permit but must be removed immediately after the placement of the permanent street sign.

7. All letters shall be block style with 5” uppercase first letters only with the remaining letters of the word 4” uppercase for a 9” sign blank, and 4” uppercase first letters and remaining letters of the work 3” uppercase for a 6” sign blank.

B. REGULATORY SIGNS

Regulatory signs will be required by the Developer for subdivision construction where indicated by the Village Board and shown on the final plat and the construction plans. All such signs shall conform to the State of Illinois "Manual on Uniform Traffic Control Devices for Streets and Highways", latest edition, including the erection thereof.

Stop signs shall be 30" x 30" on all streets. Yield signs shall be 30"x 30". Speed limit signs (R2-l) shall be 24" x 30". Warning signs and No Parking signs shall be 30" x 30".

All posts shall be 2” Telespar posts with a winged base.

All sign faces shall be 3M Company, or approved equal, using reflective high-intensity paper.

Stop signs will be required where collector streets meet major streets.

Other locations may be required where warranted by traffic considerations.

C. GUARD RAIL

Steel plate beam guard rail shall be provided when an embankment is six feet (6’) high or higher, having a side slope steeper than 6:1, and when, in the judgment of the Village Engineer, it is necessary to provide protection against roadside obstacles or a non-traversable roadside hazard. Energy-absorbing end sections will be utilized.

1.08 STREET LIGHTING

A. GENERAL

All plans for street lighting shall be designed by an Illinois Registered Professional Engineer. A photometric plan will be required to establish spacing, wattage, and mounting height for lighting on collector and arterial streets. The standards for lighting levels shall be those recommended by the Illuminating Engineering Society (IES) Minimums and Maximums.

B. INSTALLATION

1. *Spacing.*
   Maximum spacing shall not exceed three hundred feet (300') between luminaries for local streets. Spacing for collector and arterial streets shall be confirmed based on the Photometric Plan.

2. *Location.*
   There shall be at least one streetlight on each intersection, curve and cul-de-sac and at other points as may be required in the public interest in unusual or special conditions. They shall be located on the property lines and on the opposite side of the street from the water main wherever possible and shall be set three feet (3') from the back of curb to face of pole.

3. *Light Distribution.*
   Luminaires of the Type II distribution, as approved by IES, shall be used except at intersections where either Type III or Type IV IES distribution shall

be used. The Village Engineer may designate that IES Type V distribution luminaries be used in the public interest under unusual or special conditions.

4. *Control.*
   Each light shall be controlled by a photoelectric control mounted on top of the luminaire.

5. *Line Drop.*
   Voltage drop shall be no greater than three percent (3%) from power supply to last unit with no wire size smaller than No.10 Type RHH or RHW Underground Service Cable (USE).

6. *Power Supply Location.*
   Power supply shall be furnished by the nearest Commonwealth Edison pedestal.

7. *Power Supply Connection.*
   Connections to power supply shall be made by Commonwealth Edison Company.

8. *Conduit.*
   Heavy-duty PVC Schedule 40 or SDR 13.5 conduit shall be used. All underground pipe shall be buried at least thirty inches (30") below the normal finished grade.

9. *Splices.*
   All cable within underground piping section shall be continuous and no splicing shall be made underground. All necessary splices shall be made above ground level.

10. *Underground Cable Location.*
    Underground cable shall be installed in conduit and trench not more than two feet (2') from the "back" edge of the curb except that in no case shall the underground piping be installed under a sidewalk.

11. *Grounding.*
    The grounding of the street light fixture and arm shall be in accordance with the locally adopted electrical code.

12. *Fusing.*
    All underground feeders shall be fused at or below their rated capacity. Each standard shall contain inline fuse holders with proper fusing in series with each underground conductor to protect the luminaire located on that pole.

13. *Street Light Standard and Bracket.*

The lighting pole shall be as specified in Section 3 of this manual. LED Luminaires shall be mounted 20’-0” above the street for local roads, and 24’-0” for collector and arterial roads. They shall have a six-foot (6') arm and shall be buried a minimum of six feet (6’) below grade and backfilled with crushed CA-6 limestone watered and compacted around the butt of the pole. The bracket is to be furnished with the pole.

The pole and luminaire arm shall be constructed as shown on the detail in Section 3 of this Manual. After fabrication, the complete pole and luminaire arms will be sandblasted to a near-white finish.

The installing contractor will be careful to clean the pole of all dirt and oil prior to and after erection of the pole to ensure uniform weathering. All connecting hardware will be stainless steel.

The pole will be designed to hold the luminaire arms as indicated on the plans in accordance with the latest edition of the Standard Specifications for Structural Supports for Highway Signs, Luminaries and Traffic Signals as written by the American Association of State Highway and Transportation officials. The design wind velocity will be 80 M.P.H. with a 1.3 gust factor.

The light standard shall be designed to hold two (2) luminaries weighing 64 lbs. each and with a projected area of 2.3 square feet each with a design wind velocity of 80 M.P.H. and a gust velocity of 104 M.P.H. The pole design shall meet the latest edition of specifications for luminaire standards as published by AASHTO (American Association of State, Highway and Transportation Officials). A complete set of calculations shall be submitted along with catalog cuts and drawings of the pole and luminaire.

The pole shaft shall be fabricated from steel conforming to ASTM-A588 or A606. The base plate shall be fabricated from steel conforming to ASTM-A588. There will be a 3" x 5" reinforced handhole l'0" up from the base of the pole. Pole sections shall be llGA. At the top of the pole a 6" long, 2" diameter schedule 40 pipe will be welded to the shaft. A schedule 40 2" diameter horizontal pipe with a 2-1/2" schedule 40 vertical slipfitter will attach to the top of the pole to mount the luminaries as detailed in the standard drawing. The luminaries shall be installed 8'0" from the pole. The base plate will be 13" square, 1" thick with a 5" diameter hole. The base plate will have four (4)1-1/4" holes spaced 8-7/8"' apart to attach to the anchor bolt foundation. All pipes shall be Yoloy, or approved equal, weathering steel pipe.

Each pole shall be connected to the ground by means of a copper wire of the #10 size and shall be welded to the inside wall of the pole and connected to a 5/8" diameter, 8-foot (8’) long copper clad steel ground rod. The upper end of the ground rod shall be at least 1 foot below finished grade.

The foundations shall be helix metal foundations, 8-5/8” diameter, ¼” minimum thickness installed at a minimum of six feet depth as specified in the Village Details in Section 3.02 of this manual.

The luminaire shall be an LED luminaire as specified in the Village Details in Section 3.02 of this Manual or as directed by the Village Engineer.

14. *Wire.*
Underground cable from power supply to pole base shall be rated USE Type RR, #10 minimum, but shall be validated by an approved electrical analysis.

Wire (pole and bracket): Wire installed from the hand hole in the base of pole to photo cell and luminaire shall be #12 Type RHW.

15. *Guarantee.*
Street light standards, luminaries, ballast, lamps and cables shall be guaranteed by the manufacturer or distributor for its proper use for one year from the date of acceptance.

Village of Montgomery Engineering Design and Inspection Policy Manual

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2.03 Final Plat Checklist

2.01 General

All plats should be presented at a scale no smaller than 1 inch equal to 100 feet.

The maximum sheet size shall be 24 inches by 36 inches.

Property Identification Numbers (PINs) for the subject property shall be listed in the upper left-hand corner of the plat.

All plats must contain the appropriate Village Certificates and Village Provisions which are provided in Sections 2.02 and 2.03 of this manual.

Certificates

Certificate Number	Name
1	Surveyor Certificate
2	Village Clerk Certificate
3	Owner Easement Certificate
4	Village Board Certificate
5	Village Engineer Certificate
6	Ownership Certificate
7	Ownership / Corporation Certificate
8	Owner's Certificate
9	County Clerks Certificate
10	Utility Vacation Signoff
11	Mortgagee's Certificate
12	Special Assessments
13	Planning and Zoning Commission Certificate
14	County Recorders Certificate
15	County Engineers Certificate
16	IDOT Certification
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22	Temporary Construction Easement

Provisions

Provision Number	Name
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4	Pedestrian and Bike Trail Easement Provisions
5	Easement Provisions – Subdivisions
6	Village Utility Easement Provisions
7	Water Main Easement Provisions
8	Future Right of Way Easement Provisions
9	Village Entry Sign Easement Provisions

Certificate No. 1

Surveyor Certificate

SURVEYOR'S CERTIFICATE

STATE OF ILLINOIS)
)S.S.
COUNTY OF ____)

THIS IS TO CERTIFY THAT I, _____, ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____, AT THE REQUEST OF THE OWNER THEREOF, HAVE SURVEYED, AND PLATTED THE ABOVE DESCRIBED PROPERTY FOR THE PURPOSES OF PUBLIC ROADWAY DEDICATION.

ALL DISTANCES ARE SHOWN IN FEET AND DECIMAL PARTS THEREOF.

GIVEN UNDER MY HAND AND SEAL AT _____, _____,

THIS ____ DAY OF _____, 20__.

BY:_____
PROFESSIONAL LAND SURVEYOR No.____
(EXP-11-30-__)

Certificate No. 2

Village Clerk Certificate

VILLAGE CLERK CERTIFICATE

STATE OF ILLINOIS)
)S.S.
COUNTY OF KANE)

I,_____, VILLAGE CLERK OF THE VILLAGE OF MONTGOMERY, ILLINOIS, HEREBY CERTIFY THAT THE ANNEXED PLOT WAS PRESENTED TO AND BY RESOLUTION DULY APPROVED BY THE BOARD OF TRUSTEES, OF SAID VILLAGE AT A MEETING HELD ON THE ___ DAY OF _____, A.D. 20___ BY ORDINANCE NO. _____. IN WITNESS WHEREOF I HAVE HERE TO SET MY HAND AND SECTION 1 OF THE VILLAGE OF MONTGOMERY, ILLINOIS, THIS ___ DAY OF _____, 20___.

BY: _____
VILLAGE CLERK

Certificate No. 3

Owner Easement Certificate

OWNER EASEMENT CERTIFICATE

STATE OF ILLINOIS)
)SS
COUNTY OF _____)

THIS IS TO CERTIFY THAT I, THE UNDERSIGNED, AM THE RECORD OWNER OF THE PROPERTY DESCRIBED HEREON, AND DO HEREBY CONSENT TO THE GRANT OF EASEMENT DEPICTED HEREON.

DATED THIS___DAY OF_____., 2015.

_____

SIGNATURE

_____

SIGNATURE

PLEASE TYPE/PRINT THE AUTHORIZED INDIVIDUAL'S NAME, TITLE, CORPORATION/COMPANY NAME, AND ADDRESS:

_____

_____

STATE OF ILLINOIS)
)SS
COUNTY OF _____)

I, THE UNDERSIGNED, A NOTARY PUBLIC IN AND FOR THE AFORESAID COUNTY AND STATE, DO HEREBY CERTIFY THAT THE FOREGOING SIGNATOR OF THE OWNER'S CERTIFICATE IS PERSONALLY KNOWN TO ME TO BE THE SAME PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND THAT SAID INDIVIDUAL APPEARED AND DELIVERED SAID INSTRUMENT AS A FREE AND VOLUNTARY ACT FOR THE USES AND PURPOSES THEREIN SET FORTH IN THE AFORESAID INSTRUMENT.

GIVEN UNDER MY HAND AND NOTARIAL SEAL

THIS ___ DAY OF_____, 2015.

_____
NOTARY

PLEASE TYPE/PRINT NAME

AFFIX SEAL

Certificate No. 4

Village Board Certificate

VILLAGE BOARD CERTIFICATE

STATE OF ILLINOIS)
)S.S.
COUNTY OF KANE)

APPROVED BY THE PRESIDENT AND THE BOARD OF TRUSTEES OF THE VILLAGE OF MONTGOMERY, ILLINOIS, THIS__ DAY OF _____, 2012.

_____
VILLAGE PRESIDENT

ATTEST: _____
VILLAGE CLERK

Certificate No. 5

Village Engineer Certificate

VILLAGE ENGINEER CERTIFICATE

STATE OF ILLINOIS)
)S.S.
COUNTY OF KANE)

ACCEPTED AND APPROVED THIS _____ DAY OF _____, 20___.

_____
VILLAGE ENGINEER

Certificate No. 6

Ownership Certificate

OWNERSHIP CERTIFICATE

STATE OF _____)
) SS
COUNTY OF _____)

THIS IS TO CERTIFY THAT THE UNDERSIGNED IS (ARE) THE OWNER(S) OF THE PROPERTY DESCRIBED ON THE ATTACHED PLAT AND HERBY CONSENT TO THE GRANT OF EASEMENT AND THE PROVISIONS DEPICTED HEREON.

DATED THIS ___DAY OF _____, 20__.

BY:_____ BY:_____

_____ _____
PRINTED NAME PRINTED NAME

NOTARY CERTIFICATE

STATE OF _____)
) SS
COUNTY OF _____)

I, _____, NOTARY PUBLIC IN AND FOR THE STATE

AND COUNTY AFORESAID, HEREBY CERTIFY THAT _____

AND _____, PERSONALLY KNOW TO ME TO BE THE SAME PERSON(S) WHOSE NAME(S) IS(ARE) SUBSCRIBED TO THE FOREGOING INSTRUMENT, APPEARED BEFORE ME THIS DAY AND ACKNOWLEDGED THE EXECUTION OF THE ANNEXED PLAT AND ACCOMPANYING INSTRUMENTS FOR THE USES AND PURPOSES THEREIN SET FORTH AS HIS (HER)(THEIR) FREE AND VOLUNTARY ACT.

GIVEN UNDER MY HAND AND NOTARIAL SEAL THIS _____ DAY OF

_____, 20 _____.

_____
NOTARY PUBLIC

Certificate No. 7

Ownership / Corporation Certification

OWNERSHIP CERTIFICATE – TRUST

STATE OF _____)
) SS
COUNTY OF _____)

THIS IS TO CERTIFY THAT _____, AN ILLINOIS BANKING CORPORATION, AS TRUSTEE, UNDER THE PROVISIONS OF A TRUST AGREEMENT DATED _____, AND KNOWN AS TRUST NO. _____, AND NOT INDIVIDUALLY IS THE FEE SIMPLE OWNER OF THE PROPERTY DESCRIBED ON THE ATTACHED PLAT AND HERBY CONSENT TO THE GRANT OF EASEMENT AND THE PROVISIONS DEPICTED HEREON.

DATED THIS ___DAY OF _____, 20__.

_____bank name_____AS TRUSTEE OF TRUST NO. _____
AND NOT PERSONALLY.

_____ _____
TITLE: TITLE:

_____ _____
(PRINTED NAME) (PRINTED NAME)

NOTARY CERTIFICATE – TRUST

STATE OF _____)
) SS
COUNTY OF _____)

I, _____, A NOTARY PUBLIC IN AND FOR THE COUNTY

AND STATE AFORESAID, DO HEREBY CERTIFY THAT _____

AND _____, PERSONALLY KNOWN TO ME TO BE

OFFICERS OF _____bank name_____, AS SHOWN ABOVE, APPEARED BEFORE ME THIS DAY AND ACKNOWLEDGED THAT AS SUCH OFFICERS, THEY SIGNED AND DELIVERED THE SAID INSTRUMENT AND CAUSED THE CORPORATE SEAL TO BE AFFIXED THERETO AS THEIR FREE AND VOLUNTARY ACT AND AS THE FREE AND VOLUNTARY ACT OF SAID BANK AS TRUSTEE UNDER TRUST NO. _____, DATED _____, FOR THE USES AND PURPOSES THEREIN SET FORTH.

GIVEN UNDER MY HAND AND NOTARIAL SEAL THIS _____ DAY OF _____, 20___.

_____
NOTARY PUBLIC

OWNERSHIP CERTIFICATE – CORPORATION

STATE OF _____)
) SS
COUNTY OF _____)

THIS IS TO CERTIFY THAT _____, AN ILLINOIS CORPORATION, IS THE FEE SIMPLE OWNER OF THE PROPERTY DESCRIBED ON THE ATTACHED PLAT AND HERBY CONSENT TO THE GRANT OF EASEMENT AND THE PROVISIONS DEPICTED HEREON.

_____Corporation Name_____

_____complete address_____

_____ _____
TITLE: TITLE:

_____ _____
(PRINTED NAME) (PRINTED NAME)

NOTARY CERTIFICATE – CORPORATION

STATE OF _____)
) SS
COUNTY OF _____)

I, _____, A NOTARY PUBLIC IN AND FOR THE COUNTY

AND STATE AFORESAID, DO HEREBY CERTIFY THAT _____

AND _____, PERSONALLY KNOWN TO ME TO BE THE

PRESIDENT AND SECRETARY OF _____Corporation_____, AS SHOWN ABOVE, APPEARED BEFORE ME THIS DAY AND ACKNOWLEDGED THAT AS SUCH OFFICERS, THEY SIGNED AND DELIVERED THE SAID INSTRUMENT AND CAUSED THE CORPORATE SEAL TO BE AFFIXED THERETO AS THEIR FREE AND VOLUNTARY ACT AND AS THE FREE AND VOLUNTARY ACT OF SAID CORPORATION, FOR THE USES AND PURPOSES THEREIN SET FORTH.

GIVEN UNDER MY HAND AND NOTARIAL SEAL THIS _____ DAY OF _____,
20___.

_____
NOTARY PUBLIC

Certificate No. 8

Owner’s Certificate

OWNER'S CERTIFICATE
(individuals)

STATE OF _____)
) ss
COUNTY OF _____)

THIS IS TO CERTIFY THAT THE UNDERSIGNED IS (ARE) THE OWNER(S) OF THE PROPERTY DESCRIBED ON THE ATTACHED PLAT AND HAS (HAVE) CAUSED THE SAME TO BE SURVEYED, SUBDIVIDED AND PLATTED AS SHOWN BY THE PLAT FOR THE USES AND PURPOSES AS INDICATED THEREON, AND DOES HEREBY ACKNOWLEDGE AND ADOPT THE SAME UNDER THE STYLE AND TITLE THEREON INDICATED.

THE UNDERSIGNED HEREBY DEDICATES FOR PUBLIC USE THE LANDS INDICATED ON THIS PLAT AS THOROUGHFARES, STREETS, ALLEYS AND PUBLIC SERVICES; AND HEREBY ALSO RESERVES FOR ANY ELECTRIC, GAS, TELEPHONE, CABLE TV OR OTHER TELECOMMUNICATIONS COMPANY UNDER FRANCHISE AGREEMENT WITH THE VILLAGE OF MONTGOMERY, THEIR SUCCESSORS AND ASSIGNS, THE EASEMENT PROVISIONS WHICH ARE STATED HEREON.

THE UNDERSIGNED FURTHER CERTIFIES THAT ALL OF THE LAND INCLUDED IN THIS PLAT LIES WITHIN THE BOUNDARIES OF SCHOOL DISTRICT _____.

WITNESS MY (OUR) HAND AND SEAL AT _____town_____, ____state____,

THIS _____ DAY OF _____, 20___.

_____ _____
OWNER (PRINTED NAME) OWNER (PRINTED NAME)

NOTARY CERTIFICATE
(individuals)

STATE OF _____)
) ss
COUNTY OF _____)

I, _____, NOTARY PUBLIC IN AND FOR THE STATE

AND COUNTY AFORESAID, HEREBY CERTIFY THAT _____

AND _____, PERSONALLY KNOW TO ME TO BE THE SAME PERSON(S) WHOSE NAME(S) IS(ARE) SUBSCRIBED TO THE FOREGOING INSTRUMENT, APPEARED BEFORE ME THIS DAY AND ACKNOWLEDGED THE EXECUTION OF THE ANNEXED PLAT AND ACCOMPANYING INSTRUMENTS FOR THE USES AND PURPOSES THEREIN SET FORTH AS HIS (HER)(THEIR) FREE AND VOLUNTARY ACT.

GIVEN UNDER MY HAND AND NOTARIAL SEAL THIS _____ DAY OF

_____, 20 _____.

_____NOTARY PUBLIC

OWNER'S CERTIFICATE
(trust)

STATE OF _____)
) ss
COUNTY OF _____)

THIS IS TO CERTIFY THAT _____, AN ILLINOIS BANKING CORPORATION, AS TRUSTEE, UNDER THE PROVISIONS OF A TRUST AGREEMENT DATED _____, AND KNOWN AS TRUST NO. _____, AND NOT INDIVIDUALLY IS THE FEE SIMPLE OWNER OF THE PROPERTY DESCRIBED IN THE FOREGOING SURVEYOR'S CERTIFICATE AND THAT SAID BANK HAS CAUSED THE SAME TO BE SURVEYED, SUBDIVIDED, AND PLATTED AS SHOWN HEREON FOR THE USES AND PURPOSES HEREIN SET FORTH AS ALLOWED AND PROVIDED FOR BY STATUTE, AND SAID BANK AS TRUSTEE, AND NOT INDIVIDUALLY, HEREBY ACKNOWLEDGES AND ADOPTS THE SAME UNDER THE STYLE AND TITLE AFORESAID.

THE UNDERSIGNED HEREBY DEDICATES FOR PUBLIC USE THE LANDS INDICATED ON THIS PLAT AS THOROUGHFARES, STREETS, ALLEYS AND PUBLIC SERVICES; AND HEREBY ALSO RESERVES FOR ANY ELECTRIC, GAS, TELEPHONE, CABLE TV OR OTHER TELECOMMUNICATIONS COMPANY UNDER FRANCHISE AGREEMENT WITH THE VILLAGE OF ELBURN, THEIR SUCCESSORS AND ASSIGNS, THE EASEMENT PROVISIONS WHICH ARE STATED HEREON.

THE UNDERSIGNED FURTHER CERTIFY THAT ALL OF THE LAND INCLUDED IN THIS PLAT LIES WITHIN THE BOUNDARIES OF SCHOOL DISTRICT _____..

DATED AT ____town_____, ___state__, THIS _____ DAY OF _____, 20___.

_____Bank _____AS TRUSTEE OF

TRUST NO. _____AND NOT PERSONALLY.

_____complete address_____

_____ _____
TITLE: TITLE:

_____ _____
(PRINTED NAME) (PRINTED NAME)

NOTARY CERTIFICATE
(trust)

STATE OF _____)
) ss
COUNTY OF _____)

I, _____, A NOTARY PUBLIC IN AND FOR THE COUNTY

AND STATE AFORESAID, DO HEREBY CERTIFY THAT _____

AND _____, PERSONALLY KNOWN TO ME TO BE

OFFICERS OF _____bank_____, AS SHOWN ABOVE, APPEARED BEFORE ME THIS DAY AND ACKNOWLEDGED THAT AS SUCH OFFICERS, THEY SIGNED AND DELIVERED THE SAID INSTRUMENT AND CAUSED THE CORPORATE SEAL TO BE AFFIXED THERETO AS THEIR FREE AND VOLUNTARY ACT AND AS THE FREE AND VOLUNTARY ACT OF SAID BANK AS TRUSTEE UNDER TRUST NO. _____, DATED _____, FOR THE USES AND PURPOSES THEREIN SET FORTH.

GIVEN UNDER MY HAND AND NOTARIAL SEAL THIS _____ DAY OF _____, 20___.

_____ NOTARY PUBLIC

OWNER'S CERTIFICATE
(corporation)

STATE OF _____)
) ss
COUNTY OF _____)

THIS IS TO CERTIFY THAT _____, AN ILLINOIS CORPORATION, IS THE FEE SIMPLE OWNER OF THE PROPERTY DESCRIBED IN THE FOREGOING SURVEYOR'S CERTIFICATE AND HAS CAUSED THE SAME TO BE SURVEYED, SUBDIVIDED, AND PLATTED AS SHOWN HEREON FOR THE USES AND PURPOSES HEREIN SET FORTH AS ALLOWED AND PROVIDED FOR BY STATUTE, AND DOES HEREBY ACKNOWLEDGE AND ADOPT THE SAME UNDER THE STYLE AND TITLE THEREON INDICATED.

THE UNDERSIGNED HEREBY DEDICATES FOR PUBLIC USE THE LANDS INDICATED ON THIS PLAT AS THOROUGHFARES, STREETS, ALLEYS AND PUBLIC SERVICES; AND HEREBY ALSO RESERVES FOR ANY ELECTRIC, GAS, TELEPHONE, CABLE TV OR OTHER TELECOMMUNICATIONS COMPANY UNDER FRANCHISE AGREEMENT WITH THE VILLAGE OF ELBURN, THEIR SUCCESSORS AND ASSIGNS, THE EASEMENT PROVISIONS WHICH ARE STATED HEREON.

THE UNDERSIGNED FURTHER CERTIFY THAT ALL OF THE LAND INCLUDED IN THIS PLAT LIES WITHIN THE BOUNDARIES OF SCHOOL DISTRICT _____..

DATED AT ___town_____, ___state__, THIS _____ DAY OF _____, 20___.

_____Corporation Name_____

_____complete address_____

_____ _____
TITLE: TITLE:

_____ _____
(PRINTED NAME) (PRINTED NAME)

NOTARY CERTIFICATE
(Corporation)

STATE OF _____)
) ss
COUNTY OF _____)

I, _____, A NOTARY PUBLIC IN AND FOR THE COUNTY

AND STATE AFORESAID, DO HEREBY CERTIFY THAT _____

AND _____, PERSONALLY KNOWN TO ME TO BE THE

PRESIDENT AND SECRETARY OF _____Corporation_____, AS SHOWN ABOVE, APPEARED BEFORE ME THIS DAY AND ACKNOWLEDGED THAT AS SUCH OFFICERS, THEY SIGNED AND DELIVERED THE SAID INSTRUMENT AND CAUSED THE CORPORATE SEAL TO BE AFFIXED THERETO AS THEIR FREE AND VOLUNTARY ACT AND AS THE FREE AND VOLUNTARY ACT OF SAID CORPORATION, FOR THE USES AND PURPOSES THEREIN SET FORTH.

GIVEN UNDER MY HAND AND NOTARIAL SEAL THIS _____ DAY OF _____, 20___.

_____ NOTARY PUBLIC

Certificate No. 9

County Clerks Certificate

COUNTY CLERK'S CERTIFICATE

STATE OF ILLINOIS)
)S.S.
COUNTY OF KANE)

I, _____, COUNTY CLERK OF KANE COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THERE ARE NO DELINQUENT GENERAL TAXES, NO UNPAID CURRENT TAXES, NO UNPAID FORFEITED TAXES, AND NO REDEEMABLE TAX SALES AGAINST ANY OF THE LAND INCLUDED IN THE PLAT HEREIN DRAWN. I FURTHER CERTIFY THAT I HAVE RECEIVED ALL STATUTORY FEES IN CONNECTION WITH THE PLAT HEREIN DRAWN.

GIVEN UNDER MY HAND AND SEAL OF THE COUNTY CLERK AT GENEVA, ILLINOIS,

THIS ____DAY OF _____ 20__.

_____
COUNTY CLERK

(MODIFY AS NECESSARY FOR SUBDIVISION WITHIN KENDALL COUNTY)

Certificate No. 10

Utility Vacation Signoff

FRANCHISE CERTIFICATE

STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

THE UNDERSIGNED HEREBY CERTIFY THAT THERE ARE NO EXISTING FACILITIES WITHIN THE DEPICTED EASEMENT AND AS AGENT FOR THEIR RESPECTIVE UTILITY, RELEASE, ALL RIGHTS WITHIN SAID EASEMENT ARE HEREBY RELINQUISHED AND EXTINGUISHED.

NICOR:

THIS _____DAY OF _____ 2018.

_____
TITLE

_____
WITNESS

AMERITECH:

THIS _____DAY OF _____ 2018.

_____
TITLE

_____
WITNESS

COMMONWEALTH EDISON:

THIS _____DAY OF _____ 2018.

_____
TITLE

_____
WITNESS

COMCAST:

THIS _____DAY OF _____ 2018.

_____
TITLE

_____
WITNESS

Certificate No. 11

Mortgagee’s Certificate

MORTGAGEE' S CERTIFICATE

STATE OF _____)
) ss
COUNTY OF _____)

_____Bank name_____, HOLDER OF A MORTGAGE ON THE PROPERTY DESCRIBED HEREIN, HEREBY CONSENTS TO THE EXECUTION AND RECORDING OF THE ABOVE AND FOREGOING PLAT OF SUBDIVISION AND HEREBY SUBMITS ITS MORTGAGE RECORDED _____date_____ AS DOCUMENT NUMBER _____IN THE OFFICE OF THE RECORDER OF DEEDS, _____ COUNTY, ILLINOIS, TO ALL OF THE PROVISIONS THEREOF.

IN WITNESS WHEREOF, THE SAID _____Bank_____ HAS CAUSED THIS INSTRUMENT TO BE SIGNED BY ITS DULY AUTHORIZED OFFICERS ON ITS BEHALF AT _____town_____, _____state_____, THIS _____DAY OF _____, 20___.

Bank Name and
Complete Address

By: _____
Printed Name and Title

Attest: _____
Printed Name and Title

NOTARY CERTIFICATE

STATE OF ILLINOIS)
)SS
COUNTY OF)

I,_____A NOTARY PUBLIC, IN AND FOR SAID COUNTY AND STATE

AFORESAID, DO HEREBY CERTIFY THAT_____

_____, PERSONALLY, KNOWN TO ME TO BE THE SAME PERSONS WHOSE NAMES ARE SUBSCRIBED TO THE FOREGOING INSTRUMENT, APPEARED BEFORE ME THIS DAY IN PERSON AND ACKNOWLEDGED THAT THEY SIGNED AND DELIVERED THE FOREGOING INSTRUMENT AS THEIR OWN FREE AND VOLUNTARY ACT, FOR THE USES AND PURPOSES THEREIN SET FORTH.

GIVEN UNDER MY HAND AND NOTARIAL SEAL THIS___DAY OF_____, A.D. 2005.

_____
NOTARY PUBLIC

MY COMMISSION EXPIRES:_____

Certificate No. 12

Special Assessments

CERTIFICATE AS TO SPECIAL ASSESSMENTS

STATE OF ILLINOIS)
) SS
COUNTY OF KANE)

I, _____, VILLAGE TREASURER OF THE VILLAGE OF MONTGOMERY, DO HEREBY CERTIFY THAT THERE ARE NO DELINQUENT OR UNPAID CURRENT OR FORFEITED SPECIAL ASSESSMENTS OR ANY DEFERRED INSTALLMENTS THEREOF THAT HAVE BEEN APPORTIONED AGAINST THE TRACT OF LAND INCLUDED IN THIS PLAT. I FURTHER CERTIFY THAT I HAVE COLLECTED ALL FEES REQUIRED BY VILLAGE ORDINANCES, ANNEXATION AGREEMENTS, RECAPTURE AGREEMENTS OR OTHER AGREEMENTS PERTAINING TO THE LAND INCLUDED IN THIS PLAT.

DATED AT MONTGOMERY, KANE COUNTY, ILLINOIS. THIS _____ DAY OF

_____, 20___.

_____
VILLAGE TREASURER

Certificate No. 13

Planning and Zoning Commission Certificate

PLANNING AND ZONING COMMISSION CERTIFICATE

STATE OF ILLINOIS)
) SS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT THE MEMBERS OF THE PLANNING AND ZONING COMMISSION HAVE REVIEWED AND APPROVED THE ANNEXED PLAT.

DATED AT MONTGOMERY, KANE COUNTY, ILLINOIS, THIS _____

DAY OF _____, 20___.

_____
CHAIRMAN

_____
SECRETARY

VILLAGE OF MONTGOMERY ZONING OFFICER CERTIFICATE
(MINOR SUBDIVISION ONLY)

STATE OF ILLINOIS)
) SS
COUNTY OF KANE)

APPROVED AND ACCEPTED PURSUANT TO SECTION 3.03.E.3 OF THE VILLAGE OF MONTGOMERY UNIFIED DEVELOPMENT ORDINANCE BY THE DULY AUTHORIZED ZONING OFFICER OF THE VILLAGE OF MONTGOMERY, ILLINOIS, THIS _____DAY OF_____, 20___.

_____ ZONING OFFICER

_____ VILLAGE CLERK (seal)

Certificate No. 14

County Recorders Certificate

COUNTY RECORDER'S CERTIFICATE

STATE OF ILLINOIS)
) ss PLAT ENVELOPE #_____
COUNTY OF KANE)

THIS INSTRUMENT NO. _____ WAS FILED FOR RECORD

IN THE RECORDER'S OFFICE OF KANE COUNTY, ILLINOIS, ON THIS _____

DAY OF _____, 20____, AT _____ O'CLOCK ___.M.

_____
KANE COUNTY RECORDER

(MODIFY AS NECESSARY FOR SUBDIVISION WITHIN KENDALL COUNTY.)

Certificate No. 15

County Engineers Certificate

COUNTY ENGINEER'S CERTIFICATE

STATE OF ILLINOIS)
) SS
COUNTY OF KANE)

ACCEPTED AND APPROVED THIS _____ DAY OF _____, 20___.

_____
COUNTY ENGINEER

(MODIFY AS NECESSARY FOR SUBDIVISION WITHIN KENDALL COUNTY)

Certificate No. 16

IDOT Certification

IDOT CERTIFICATION

THIS PLAT HAS BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION WITH RESPECT TO ROADWAY ACCESS PURSUANT TO PARAGRAPH 2 OF “AN ACT TO REVISE THE LAW IN RELATION TO PLATS”, AS AMENDED. A PLAN MEETING THE REQUIREMENTS CONTAINED IN THE DEPARTMENT’S “POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS” WILL BE REQUIRED BY THE DEPARTMENT.

_____

DISTRICT ENGINEER

Certificate No. 17

Special Service Area Certification

SPECIAL SERVICE AREA CERTIFICATION

STANDARD NOTE WHEN SUBDIVISION IS INCLUDED IN AN SSA

FILL IN PROPER SSA #, ORDINANCE # AND DATE, AND DOCUMENT # AND DATE

"All lots within this subdivision are included within the Village of Montgomery Special Service Area Number _____ and are subject to an annual tax levy in accordance with the provisions of Village Ordinance No. _____, "An Ordinance Establishing Village of Montgomery Special Service Area Number _____" adopted by the Village Board on _____, 2006 and filed for record in the Recorder's Office of Kendall County on _____, 2006 as Document Number _____."

Certificate No. 18

Private Easement Watermain Certificate

WATER MAIN EASEMENT PROVISIONS

THE VILLAGE OF MONTGOMERY IS HEREBY GIVEN EASEMENT RIGHTS TO ALL PLATTED EASEMENTS DESIGNATED “WATER MAIN EASEMENT” OR “W.E.”, TOGETHER WITH THE RIGHT OF ACCESS THERETO. SAID EASEMENTS SHALL BE USED SOLELY TO INSTALL, OPERATE, MAINTAIN AND REMOVE FROM TIME TO TIME, ABOVE GROUND AND UNDERGROUND FACILITIES AND APPURTENANCES USED IN CONNECTION WITH THE WATER SYSTEM OF THE VILLAGE OF MONTGOMERY. THESE EASEMENTS MAY BE GRADED AS SWALES TO RECEIVE LOCAL SURFACE DRAINAGE. NO PERMANENT BUILDING SHALL BE PLACED ON SAID EASEMENT, BUT THE SAME MAY BE USED FOR GARDENS, SHRUBS, LANDSCAPING AND OTHER PURPOSES THAT DO NOT THEN OR LATER INTERFERE WITH THE AFORESAID USES OR RIGHTS HEREIN GRANTED. TREES SHALL ONLY BE ALLOWED TO BE PLACED IN SUCH LOCATIONS IN THE EASEMENT AS ARE APPROVED BY THE VILLAGE STAFF TO AVOID ACTUAL CONFLICTS WITH THE WATER MAIN.

THE VILLAGE OF MONTGOMERY AND ITS REPRESENTATIVES SHALL, AT THEIR SOLE DISCRETION, REQUIRE ANY FENCE, STRUCTURE OR OTHER OBSTRUCTION THAT IS ERECTED WITHIN A WATER MAIN EASEMENT, BE REMOVED AT NO COST TO THE VILLAGE. THE COST OF REMOVAL AND REPLACEMENT OF ANY OBSTRUCTION AND ANY OTHER VILLAGE EXPENSES ASSOCIATED THEREWITH, SHALL BE THE SOLE RESPONSIBILITY OF THE OWNER OF THE PROPERTY UPON WHICH THE EASEMENT OBSTRUCTION IS LOCATED.

THE VILLAGE SHALL HAVE NO OBLIGATION WITH RESPECT TO SURFACE RESTORATION, INCLUDING BUT NOT LIMITED TO, THE LAWN OR SHRUBBERY; PROVIDED, HOWEVER, THAT THE VILLAGE SHALL BE OBLIGATED FOLLOWING MAINTENANCE WORK TO 1) STABILIZE ALL SURFACES (IN ANY MANNER SUITABLE TO THE VILLAGE) SO AS TO RETAIN SUITABLE DRAINAGE, 2) TO REMOVE ALL EXCESS DEBRIS AND SPOIL AND 3) TO LEAVE THE MAINTENANCE AREA IN A GENERALLY CLEAN AND WORKMANLIKE CONDITION.

Rev: 11-8-2012

Certificate No. 19

Private Water Main Certificate with Provisions

PRIVATE EASEMENT WATER MAIN CERTIFICATE WITH PROVISIONS

STATE OF ILLINOIS)
) SS
COUNTY OF KANE)

THE UNDERSIGNED, _____, FEE SIMPLE OWNER OF THE PROPERTY UNDERLYING THE EASEMENT SHOWN HEREON, HEREBY GRANTS TO THE VILLAGE OF MONTGOMERY, ILLINOIS, THEIR RESPECTIVE LICENSEES, SUCCESSORS AND ASSIGNS, JOINTLY AND SEVERALLY, AN EASEMENT TO CONSTRUCT, OPERATE, MAINTAIN, RENEW, RELOCATE AND REMOVE, FROM TIME TO TIME, A WATER MAIN, VALVES AND VALVE VAULTS, AND OTHER FACILITIES USED IN CONNECTION WITH SAID WATER MAIN, TOGETHER WITH RIGHT OF ACCESS TO THE SAME AND THE RIGHT FROM TIME TO TIME TO TRIM OR REMOVE TREES, BUSHES AND SAPLINGS AND TO CLEAR OBSTRUCTIONS FROM THE SURFACE AND SUBSURFACE AS MAY BE REASONABLY REQUIRED INCIDENT TO THE GRANT HEREIN GIVEN IN, UNDER, ACROSS ALONG AND UPON THE SURFACE OF PROPERTY DESCRIBED ABOVE. NO PERMANENT BUILDING SHALL BE PLACED ON SAID EASEMENT, BUT THE SAME MAY BE USED FOR GARDENS, SHRUBS, LANDSCAPING AND OTHER PURPOSES THAT DO NOT THEN OR LATER INTERFERE WITH THE AFORESAID USES OR RIGHTS HEREIN GRANTED. FOLLOWING ANY WORK TO BE PERFORMED BY THE VILLAGE IN THE EXERCISE OF ITS EASEMENT RIGHTS GRANTED HEREIN, THE VILLAGE SHALL RESTORE THE SURFACE OF THE PROPERTY TO A CONDITION EQUAL TO OR BETTER THAN THAT WHICH EXISTED PRIOR TO THE WORK, EXCEPT THAT ANY TREE REQUIRING REMOVAL WILL BE REPLACED WITH A 3-1/2” MINIMUM CALIPER TREE OF LIKE SPECIES. THE OWNER SHALL HAVE NO PERSONAL OR FINANCIAL OBLIGATION TO RESTORE SAID PROPERTY.

DATED AT _____, ILLINOIS, THIS __DAY OF_____, 2012.

_____
OWNER

Certificate No. 20

Private Loop Fire Easement

PRIVATE FIRE LOOP EASEMENT CERTIFICATE

STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

THE UNDERSIGNED, _____, FEE SIMPLE OWNER OF THE PROPERTY UNDERLYING THE PRIVATE FIRE LOOP EASEMENT SHOWN HEREON ("OWNER"), HEREBY GRANTS TO THE VILLAGE OF MONTGOMERY, ILLINOIS, ITS RESPECTIVE AGENTS, LICENSEES, SUCCESSORS AND ASSIGNS, JOINTLY AND SEVERALLY (COLLECTIVELY, THE "VILLAGE"), AN EASEMENT TO MAINTAIN, RENEW AND REPAIR A PRIVATE FIRE LOOP, VALVES AND VALVE VAULTS, FIRE HYDRANTS AND OTHER FACILITIES AND APPURTENANCES USED IN CONNECTION WITH SAID PRIVATE FIRE LOOP, TOGETHER WITH RIGHT OF ACCESS TO THE SAME AND THE RIGHT FROM TIME TO TIME TO TRIM OR REMOVE TREES, BUSHES AND SAPLINGS AND TO CLEAR OBSTRUCTIONS FROM THE SURFACE AND SUBSURFACE AS MAY BE REASONABLY REQUIRED INCIDENT TO THE GRANT HEREIN GIVEN IN, UNDER, ACROSS ALONG AND UPON THE SURFACE OF PROPERTY DESCRIBED ABOVE. NO PERMANENT BUILDING SHALL BE PLACED ON SAID EASEMENT, BUT THE SAME MAY BE USED FOR PAVED PARKING AREAS, GARDENS, SHRUBS, LANDSCAPING AND OTHER PURPOSES THAT DO NOT THEN OR LATER INTERFERE WITH THE AFORESAID USES OR RIGHTS HEREIN GRANTED. FOLLOWING ANY WORK TO BE PERFORMED BY THE VILLAGE IN THE EXERCISE OF ITS EASEMENT RIGHTS GRANTED HEREIN, THE VILLAGE SHALL HAVE NO OBLIGATION TO SURFACE RESTORATION OR REPLACEMENT OF ANY OBSTRUCTION IT MAY HAVE REMOVED. THE PRIMARY INSTALLATION, CONSTRUCTION, RESTORATION AND MAINTENANCE OF THE PRIVATE FIRE LOOP AND OTHER FACILITIES AND APPURTENANCES SHALL BE THE SOLE RESPONSIBILITY OF THE OWNER. THE ABOVE RIGHTS GRANTED PURSUANT TO THIS EASEMENT MAY BE EXERCISED BY THE VILLAGE OF MONTGOMERY IN THE EVENT OF NON-PERFORMANCE OF THE OWNER, IN THE VILLAGE'S SOLE DISCRETION, TO FULFILL THE OWNER'S MAINTENANCE RESPONSIBILITY, IN THAT CASE THE OWNER IS REQUIRED TO REIMBURSE THE VILLAGE FOR ANY AND ALL EXPENSES INCURRED IN THE MAINTENANCE OR REPAIR OF THE FIRE LOOP AND OTHER FACILITIES AND APPURTENANCES. OWNER SHALL INDEMNIFY THE VILLAGE, AND DEFEND AND HOLD HARMLESS THE VILLAGE FROM, ANY AND ALL CLAIMS, LOSSES, LIABILITIES, DAMAGES, COSTS AND EXPENSES RELATING FROM THE PRESENCE AND/OR OPERATION OF THE VILLAGE'S EQUIPMENT OR CONDUCT OF THE VILLAGE'S ACTIVITIES WITHIN THE EASEMENT (EXCEPT TO THE EXTENT THAT ANY OF THE FOREGOING ARISE AS A RESULT OF THE VILLAGE'S NEGLIGENT OR WILLFUL ACTS OR OMISSIONS). THIS GRANT OF EASEMENT SHALL IN NO WAY ESTABLISH AN OBLIGATION ON BEHALF OF THE VILLAGE TO PERFORM ANY OF THE ACTIVITIES HEREIN SET FORTH.

DATED AT _____, ILLINOIS, THIS __DAY OF_____, 2022.

_____
OWNER

Certificate No. 21

Private Property Parking Agreement

PRIVATE PROPERTY PARKING AGREEMENT

THE VILLAGE OF MONTGOMERY IS HEREBY GIVEN THE RIGHT TO PROTECT THE PUBLIC HEALTH, WELFARE AND SAFETY BY THE REGULATION OF VEHICLES IN THE SUBDIVISION, AND HAS THE AUTHORITY TO CONTRACT WITH THE OWNER OF THE LOTS TO PROVIDE SUCH REGULATION UNDER THE PROVISIONS OF § 11-209 OF THE ILLINOIS VEHICLE CODE (625 ILCS 5/11-209): IN CONSIDERATION OF THE PUBLIC HEALTH, WELFARE AND SAFETY, THE VILLAGE MAY HEREBY REGULATE AND ENFORCE AS FOLLOWS:

1. ERECTION OF TRAFFIC REGULATORY SIGNS, PARKING, INCLUDING HANDICAPPED PARKING AND ALL OTHER TRAFFIC CONTROL SIGNS.
2. REGULATION OF TURNING OF VEHICLES OR, RESTRICTION OF VEHICLE TYPES.
3. REGULATION OF PEDESTRIAN CROSSWALKS WITHIN PARKING LOTS.
4. DESIGNATION OF ONE-WAY TRAFFIC LANES.
5. ESTABLISH AND REGULATE LOADING ZONES.
6. REGULATION OF STOPPING, STANDING OR PARKING IN SPECIFIED AREAS OF LOTS.
7. DESIGNATION OF FIRE LANES AND SAFETY ZONES.
8. PROVIDED FOR REMOVAL AND STORAGE OF VEHICLES DURING PUBLIC EMERGENCIES, OR OF ABANDONED VEHICLES, AND PAYMENT OF REASONABLE CHARGES THEREFORE.
9. PROVIDE FOR COST SHARING OF PLANNING, INSTALLATION AND MAINTENANCE OF TRAFFIC REGULATIONS.
10. CONTRACTING FOR REASONABLE ADDITIONAL RULES.

THE COST OF THE PLANNING, INSTALLATION AND MAINTENANCE OF PARKING AND TRAFFIC REGULATIONS MARKINGS, SIGNS, STRIPING AND PAINTING, SHALL BE BORNE BY THE OWNER OF THE LOT.

Certificate No. 22

Temporary Construction Easement

TEMPORARY CONSTRUCTION EASEMENT

A TEMPORARY CONSTRUCTION EASEMENT IS HEREBY RESERVED FOR AND GRANTED TO THE VILLAGE OF MONTGOMERY, ITS CONTRACTORS AND OR ASSIGNS FOR ALL AREAS HEREON PLATTED AND DESIGNATED AS “TEMPORARY CONSTRUCTION EASEMENT”. FOR THE PURPOSE OF CONSTRUCTION OF A WATER MAIN PER THE APPROVED ENGINEERING PLANS PREPARED BY ENGINEERING ENTERPRISES, INC. AND DATED _____.

THE TEMPORARY CONSTRUCTION EASEMENT SHALL EXPIRE ON DECEMBER 31, 2021, OR AT THE COMPLETION OF THE CONSTRUCTION OF THE WATERMAIN, WHICHEVER OCCURS FIRST. THE GRANTOR SHALL HAVE THE RIGHT TO FULLY USE AND ENJOY THE SAID PREMISES, EXCEPT DURING CONSTRUCTION BY GRANTEE.

SAID EASEMENT SHALL FURTHER GRANT AND ALLOW THE VILLAGE OF MONTGOMERY ITS CONTRACTORS AND OR ASSIGNS THE RIGHT TO PERFORM ALL NECESSARY GRADING FOR THE CONSTRUCTION OF THE WATER MAIN. THE EASEMENT AREA SHALL BE RESTORED TO ITS PRE-CONSTRUCTION CONDITION AS SOON AS PRACTICAL.

Provision No. 1

Conservation Easement Provisions

CONSERVATION EASEMENT PROVISIONS

AN EASEMENT FOR THE PROTECTION OF UNIQUE AREAS SUCH AS, BUT NOT LIMITED TO, WETLANDS, GRASSLANDS, FENS, MARSHES, RIVERS, STREAMS, CREEKS, PONDS, LAKES, WOODS, PRAIRIES, WILDLIFE HABITATS, AND OPEN SPACES ON, OVER AND UPON THOSE AREAS OF LAND DESIGNATED AS "CONSERVATION EASEMENT" ON THE PLAT HEREON DRAWN AND HEREINAFTER REFERRED TO AS THE "LAND", TOGETHER WITH THE RIGHT OF ACCESS THERETO, IS HEREBY GRANTED TO THE VILLAGE OF MONTGOMERY, ITS SUCCESSORS AND ASSIGNS FOR THE FOLLOWING PURPOSES:

A. TO ACCEPT AND CONDUCT SURFACE WATER DISCHARGES FROM ADJACENT UPSTREAM PROPERTY; AND

B. TO MAINTAIN SAID LAND IN ITS NATURAL, SCENIC AND OPEN CONDITIONS; AND

C. TO ENTER SAID LAND AT ALL REASONABLE TIMES FOR THE PURPOSES OF INSPECTING SAID LAND TO DETERMINE IF THE GRANTOR, OR HIS HEIRS OR ASSIGNS, IS COMPLYING WITH THE COVENANTS AND PURPOSES OF THIS GRANT.

SAID “CONSERVATION EASEMENT " MAY BE CHANGED, MODIFIED, OR ABROGATED ONLY UPON WRITTEN APPROVAL OF SAID VILLAGE OF MONTGOMERY. EXCEPT AS EXPRESSLY LIMITED HEREIN, THE GRANTOR RESERVED FOR HIMSELF, HIS HEIRS AND ASSIGNS, ALL RIGHTS AS OWNER OF SAID LAND, INCLUDING THE RIGHT OF USE OF SAID LAND FOR ALL PURPOSES NOT INCONSISTENT WITH THIS GRANT.

THE VILLAGE OF MONTGOMERY SHALL HAVE THE RIGHT, BUT NOT THE OBLIGATION TO MAINTAIN THE CONSERVATION EASEMENT AREA(S) GRANTED BY THIS PLAT.

Rev: 8-1-2012

Provision No. 2

Drainage Easement Provisions

DRAINAGE EASEMENT PROVISIONS

THE VILLAGE OF MONTGOMERY IS HEREBY GIVEN EASEMENT RIGHTS TO ALL PLATTED EASEMENTS DESIGNATED “DRAINAGE EASEMENT” OR “D.E.”, TOGETHER WITH THE RIGHT OF ACCESS THERETO. TO INSTALL, OPERATE AND MAINTAIN UNDERGROUND AND SURFACE DRAINAGE FACILITIES AND WATER COURSES. SAID EASEMENTS SHALL BE USED FOR NO OTHER PURPOSE EXCEPT AS EXPRESSLY AUTHORIZED BY THE VILLAGE. NO PERMANENT BUILDINGS SHALL BE PLACED ON SAID EASEMENT, BUT SAME MAY BE USED FOR GARDENS, SHRUBS, LANDSCAPING AND OTHER PURPOSES THAT DO NOT THEN OR LATER INTERFERE WITH THE AFORESAID USES OR THE RIGHTS HEREIN GRANTED.

THE VILLAGE OF MONTGOMERY AND ITS REPRESENTATIVES SHALL, AT THEIR SOLE DISCRETION, REQUIRE ANY FENCE, STRUCTURE OR OTHER OBSTRUCTION THAT IS ERECTED WITHIN A DRAINAGE EASEMENT, BE REMOVED AT NO COST TO THE VILLAGE. THE COST OF REMOVAL AND REPLACEMENT OF ANY OBSTRUCTION AND ANY OTHER VILLAGE EXPENSES ASSOCIATED THEREWITH, SHALL BE THE SOLE RESPONSIBILITY OF THE OWNER OF THE PROPERTY UPON WHICH THE EASEMENT OBSTRUCTION IS LOCATED.

THE VILLAGE SHALL HAVE NO OBLIGATION WITH RESPECT TO SURFACE RESTORATION, INCLUDING BUT NOT LIMITED TO, THE LAWN OR SHRUBBERY; PROVIDED, HOWEVER, THAT THE VILLAGE SHALL BE OBLIGATED FOLLOWING MAINTENANCE WORK TO 1) STABILIZE ALL SURFACES (IN ANY MANNER SUITABLE TO THE VILLAGE) SO AS TO RETAIN SUITABLE DRAINAGE, 2) TO REMOVE ALL EXCESS DEBRIS AND SPOIL AND 3) TO LEAVE THE MAINTENANCE AREA IN A GENERALLY CLEAN AND WORKMANLIKE CONDITION.

Provision No. 3

Stormwater Easement Provisions

STORMWATER MANAGEMENT EASEMENT PROVISIONS

PERPETUAL PUBLIC STORMWATER AND DRAINAGE EASEMENTS, TOGETHER WITH THE RIGHT OF ACCESS THERETO, ARE HEREBY GRANTED TO THE VILLAGE OF MONTGOMERY, ITS AGENTS, SUCCESSORS AND ASSIGNS, OVER, ON, ACROSS AND UNDER ALL OF THE AREAS DESIGNATED "STORMWATER MANAGEMENT EASEMENT" ON THIS PLAT, GRANTING THE RIGHT, PRIVILEGE AND AUTHORITY FOR THE FOLLOWING PURPOSES:

A. SURVEYING, CONSTRUCTING, RECONSTRUCTING, REPAIRING, INSPECTING, MAINTAINING AND OPERATING ALL STORMWATER MANAGEMENT FACILITIES, STRUCTURES AND GRADES ON THE DETENTION/RETENTION SITE.

B. THE RIGHT OF ACCESS TO PERFORM THE WORK SPECIFIED IN PARAGRAPH A TOGETHER WITH THE RIGHT OF ACCESS FOR NECESSARY PERSONS AND EQUIPMENT TO DO ANY OF THE REQUIRED WORK.

C. TRIMMING, OR REMOVING TREES, SHRUBS OR OTHER PLANTS IN THE EASEMENT THAT INTERFERE WITH THE OPERATIONS OF THE STORMWATER FUNCTIONS.

D. NO PERMANENT BUILDINGS, STRUCTURES OR UTILITY FACILITIES SHALL BE CONSTRUCTED ON THE EASEMENT, BUT SAID EASEMENT MAY BE USED FOR OTHER PURPOSES THAT DO NOT NOW OR LATER CONFLICT WITH THE AFORESAID USES OR RIGHTS OR IN ANY WAY AFFECT OR IMPEDE THE STORAGE OF FREE FLOW OF STORMWATER ON AND OVER THE PARCEL.

THE PROVISIONS HEREOF REGARDING STORMWATER MANAGEMENT SHALL NOT BE AMENDED, MODIFIED, OR ABROGATED WITHOUT THE PRIOR WRITTEN APPROVAL OF THE VILLAGE.

Rev: 8-1-2012

Provision No. 4

Pedestrian and Bike Trail Easement Provisions

PEDESTRIAN AND BIKE TRAIL EASEMENT PROVISIONS

THE VILLAGE OF MONTGOMERY, ITS SUCCESSORS, LICENSEES AND ASSIGNS, ARE HEREBY GIVEN EASEMENT RIGHTS OVER ALL AREAS ON THE PLAT MARKED “PEDESTRIAN EASEMENT”, “BIKE TRAIL EASEMENT”, “PEDESTRIAN AND BIKE TRAIL EASEMENT” , “ LANDSCAPE BUFFER EASEMENT” OR “STORMWATER MANAGEMENT EASEMENT”, TOGETHER WITH THE RIGHT OF ACCESS THERETO, TO CONSTRUCT, INSTALL, RECONSTRUCT, REPAIR, REMOVE, REPLACE, INSPECT, MAINTAIN AND OPERATE PEDESTRIAN AND BICYCLE TRAILS, PAVED OR UNPAVED, FOR THE USE AND ENJOYMENT OF THE GENERAL PUBLIC. THE ABOVE NAMED ENTITIES ARE HEREBY GRANTED THE RIGHT TO ENTER UPON EASEMENTS HEREIN DESCRIBED FOR THE USES HEREIN SET FORTH AND THE RIGHT TO CUT, TRIM, OR REMOVE ANY TREES, SHRUBS OR OTHER PLANTS WITHIN THE EASEMENT AREAS HEREIN GRANTED WHICH INTERFERE WITH THE CONSTRUCTION, INSTALLATION, RECONSTRUCTION, REPAIR, REMOVAL, REPLACEMENT, INSPECTION, MAINTENANCE AND OPERATION THEREOF. NO TEMPORARY OR PERMANENT BUILDINGS, STRUCTURES OR OBSTRUCTIONS SHALL BE PLACED ON OR OVER SAID EASEMENTS THAT INTERFERE WITH THE RIGHTS HEREIN GRANTED.

Rev: 8-1-2012

Provision No. 5

Easement Provisions – Subdivisions

Rev: 8-1-2012

EASEMENT PROVISIONS - SUBDIVISIONS

(INCLUDE ON PLAT AS APPLICABLE)

PUBLIC UTILITY EASEMENTS – ELECTRIC AND COMMUNICATIONS

COMED, SBC, AT&T BROADBAND, AND OTHER UTILITY COMPANIES PROVIDING ELECTRIC AND COMMUNICATIONS SERVICES, THEIR RESPECTIVE SUCCESSORS AND ASSIGNS, JOINTLY OR SEVERALLY ARE HEREBY GIVEN EASEMENT RIGHTS TO ALL PLATTED EASEMENTS DESIGNATED "PUBLIC UTILITY EASEMENT" OR "P.U.E." AND ARE HEREBY GIVEN EASEMENT RIGHTS, JOINTLY WITH VILLAGE UTILITIES, TO ALL PLATTED EASEMENTS DESIGNATED "UTILITY EASEMENT" OR "U.E." AND TO ALL PLATTED STREETS AND ALLEYS, TOGETHER WITH THE RIGHT OF ACCESS THERETO. TO INSTALL, OPERATE, MAINTAIN AND REMOVE, FROM TIME TO TIME, FACILITIES USED IN CONNECTION WITH THE TRANSMISSION AND DISTRIBUTION OF ELECTRICITY AND SOUNDS AND SIGNALS, TOGETHER WITH THE RIGHT TO INSTALL REQUIRED SERVICE CONNECTIONS TO SERVE THE IMPROVEMENTS OF EACH LOT, THE RIGHT TO CUT DOWN AND REMOVE OR TRIM AND KEEP TRIMMED ANY TREES, SHRUBS OR SAPLINGS THAT INTERFERE OR THREATEN TO INTERFERE WITH ANY OF SAID PUBLIC UTILITY EQUIPMENT. THE LOCATION OF FACILITIES IN PLATTED STREETS AND ALLEYS SHALL NOT CONFLICT WITH PUBLIC IMPROVEMENTS AND SHALL BE SUBJECT TO VILLAGE APPROVAL. NO PERMANENT BUILDINGS OR TREES SHALL BE PLACED ON SAID EASEMENT, BUT SAME MAY BE USED FOR GARDENS, SHRUBS, LANDSCAPING AND OTHER PURPOSES THAT DO NOT THEN OR LATER INTERFERE WITH THE AFORESAID USES OR THE RIGHTS HEREIN GRANTED. ALL UTILITY LINES SHALL BE CONSTRUCTED UNDERGROUND. NO OVERHEAD LINES WILL BE PERMITTED.

PUBLIC UTILITY EASEMENTS – NICOR

NICOR, ITS SUCCESSORS AND ASSIGNS, IS HEREBY GIVEN EASEMENT RIGHTS TO ALL PLATTED STREETS AND ALLEYS. SAID EASEMENT TO BE FOR THE INSTALLATION, RELOCATION, RENEWAL AND REMOVAL OF GAS MAINS AND APPURTENANCES. LOCATION OF MAINS AND APPURTENANCES SHALL NOT CONFLICT WITH PUBLIC IMPROVEMENTS AND SHALL BE SUBJECT TO VILLAGE APPROVAL.

GAS COMPANY EASEMENT

(For use with common area easements)

AN EASEMENT IS HEREBY RESERVED FOR AND GRANTED TO NICOR, ITS SUCCESSORS AND ASSIGNS TO INSTALL, OPERATE, MAINTAIN, REPAIR, REPLACE AND REMOVE, FACILITIES USED IN CONNECTION WITH THE TRANSMISSION AND DISTRIBUTION OF NATURAL GAS IN, OVER, UNDER, ACROSS, ALONG AND UPON THE SURFACE OF THE PROPERTY SHOWN ON THIS PLAT MARKED "NICOR EASEMENT", "COMMON AREA OR AREAS" AND STREETS AND ALLEYS, THE PROPERTY DESIGNATED IN THE DECLARATION OF CONDOMINIUM AND/OR ON THIS PLAT AS "COMMON ELEMENTS", TOGETHER WITH THE RIGHT OF ACCESS THERETO AND TOGETHER WITH THE RIGHT TO

INSTALL REQUIRED SERVICE CONNECTIONS UPON OR UNDER THE SURFACE OF EACH LOT AND COMMON AREA OR AREAS TO SERVE IMPROVEMENTS THEREON, OR ON ADJACENT LOTS, AND COMMON AREA OR AREAS, AND TO SERVE OTHER PROPERTY ADJACENT OR OTHERWISE, AND THE RIGHT TO REMOVE OBSTRUCTIONS, INCLUDING BUT NOT LIMITED TO TREES, BUSHES, ROOTS, AND MAY BE RESPONSIBLY REQUIRED INCIDENT TO THE RIGHTS HEREIN GIVEN, AND THE RIGHT TO ENTER UPON THE PROPERTY FOR ALL SUCH PURPOSES. OBSTRUCTIONS SHALL NOT BE PLACED OVER NI-GAS. AFTER INSTALLATION OF ANY SUCH FACILITIES, THE GRADE OF THE PROPERTY SHALL NOT BE ALTERED IN A MANNER SO AS TO INTERFERE WITH THE PROPER OPERATION AND MAINTENANCE THEREOF.

THE TERM “COMMON ELEMENTS” SHALL HAVE THAT MEANING SET FORTH FOR SUCH TERM IN SECTION 605/2(E) OF THE “CONDOMINIUM PROPERTY ACT” (ILLINOIS COMPLIED STATUES, CH. 765, SEC. 605/2(E), AS AMENDED FROM TIME TO TIME.

THE TERM “COMMON AREA OR AREAS” IS DEFINED AS A LOT, PARCEL OR AREA OF REAL PROPERTY, INCLUDING REAL PROPERTY SURFACED WITH INTERIOR DRIVEWAYS AND WALKWAYS, THE BENEFICIAL USE AND ENJOYMENT OF WHICH IS RESERVED IN WHOLE AS AN APPURTENANCE TO THE SEPARATELY OWNED LOTS, PARCELS OR AREAS WITHIN THE PROPERTY, EVEN THOUGH SUCH AREAS MAY BE DESIGNATED ON THIS PLAT BY OTHER TERMS.

(For use with common area easements)
AN EASEMENT FOR SERVING THE SUBDIVISION AND OTHER PROPERTY WITH ELECTRIC AND COMMUNICATIONS SERVICE IS HEREBY RESERVED FOR AND GRANTED TO

COMED
AND
AT & T, GRANTEES,

THEIR RESPECTIVE SUCCESSORS AND ASSIGNS, JOINTLY AND SEVERALLY, TO INSTALL, OPERATE, MAINTAIN AND REMOVE, FROM TIME TO TIME, FACILITIES USED IN CONNECTION WITH UNDERGROUND TRANSMISSION AND DISTRIBUTION OF ELECTRICITY AND SOUNDS AND SIGNALS IN, OVER, UNDER, ACROSS, ALONG AND UPON THE SURFACE OF THE PROPERTY SHOWN WITHIN THE DOTTED LINES ON THE PLAT AND MARKED “PUBLIC UTILITY EASEMENT” OR “UTILITY EASEMENT”, THE PROPERTY DESIGNATED IN THE DECLARATION OF CONDOMINIUM AND/OR ON THIS PLAT AS “COMMON ELEMENTS”, AND THE PROPERTY DESIGNATED ON THE PLAT AS A “COMMON AREA OR AREAS”, AND THE PROPERTY DESIGNATED ON THE PLAT FOR STREETS AND ALLEYS, WHETHER PUBLIC OR PRIVATE, TOGETHER WITH THE RIGHT OF ACCESS THERETO AND TOGETHER WITH THE RIGHT TO INSTALL REQUIRED SERVICE CONNECTIONS UPON OR UNDER THE SURFACE OF EACH LOT AND COMMON AREA OR AREAS TO SERVE IMPROVEMENTS THEREON, OR ON ADJACENT LOTS, AND COMMON AREA OR AREAS, THE RIGHT TO REMOVE TREES, BUSHES, AND ROOTS AS MAY BE REASONABLY REQUIRED INCIDENT TO THE

RIGHTS HEREIN GIVEN, AND THE RIGHT TO ENTER UPON THE SUBDIVIDED PROPERTY FOR ALL SUCH PURPOSES. OBSTRUCTIONS SHALL NOT BE PLACED OVER GRANTEE'S FACILITIES OR IN, UPON OR OVER THE PROPERTY WITHIN THE DOTTED LINES MARKED "UTILITY EASEMENT" OR "PUBLIC UTILITY EASEMENT" WITHOUT THE PRIOR WRITTEN CONSENT OF THE GRANTEES. AFTER INSTALLATION OF ANY SUCH FACILITIES, THE GRADE OF THE SUBDIVIDED PROPERTY SHALL NOT BE ALTERED IN A MANNER SO AS TO INTERFERE WITH THE OPERATION AND MAINTENANCE THEREOF. THE TERM "COMMON ELEMENTS" SHALL HAVE THE MEANING SET FORTH FOR SUCH TERM IN THE "CONDOMINIUM PROPERTY ACT", CHAPTER 765 ILCS 605/2(e) AS AMENDED FROM TIME TO TIME.

THE TERM "COMMON AREA OR AREAS" IS DEFINED AS A LOT OR PARCEL OR AREA OF REAL PROPERTY, THE BENEFICIAL USE AND ENJOYMENT OF WHICH IS RESERVED IN WHOLE OR AS AN APPURTENANCE TO THE SEPARATELY OWNED LOTS, PARCELS OR AREAS WITHIN THE PLANNED DEVELOPMENT, EVEN THOUGH SUCH MAY BE OTHERWISE DESIGNATED ON THE PLAT BY TERMS SUCH AS, "OUTLOTS", "COMMON ELEMENTS", "OPEN SPACE", "OPEN AREA", "COMMON GROUND", "PARKING AND COMMON AREA". THE TERMS "COMMON AREA OR AREAS" AND "COMMON ELEMENTS" INCLUDES REAL PROPERTY SURFACED WITH THE INTERIOR DRIVEWAYS AND WALKWAYS, BUT EXCLUDES REAL PROPERTY PHYSICALLY OCCUPIED BY A BUILDING, SERVICE BUSINESS DISTRICT OR STRUCTURES SUCH AS A POOL OR RETENTION POND, OR MECHANICAL EQUIPMENT.

RELOCATION OF FACILITIES WILL BE DONE BY GRANTEES AT COST OF GRANTOR/LOT OWNER, UPON WRITTEN REQUEST. ALL UTILITY LINES SHALL BE CONSTRUCTED UNDERGROUND. NO OVERHEAD LINES WILL BE PERMITTED.

VILLAGE UTILITY EASEMENTS

THE VILLAGE OF MONTGOMERY IS HEREBY GIVEN EASEMENT RIGHTS TO ALL PLATTED EASEMENTS DESIGNATED "VILLAGE UTILITY EASEMENT" OR "V.U.E." AND IS HEREBY GIVEN EASEMENT RIGHTS, JOINTLY WITH PUBLIC UTILITIES, TO ALL PLATTED EASEMENTS DESIGNATED AS "UTILITY EASEMENT" OR "U.E.", TOGETHER WITH THE RIGHT OF ACCESS THERETO. SAID EASEMENTS SHALL BE USED SOLELY TO INSTALL, OPERATE, MAINTAIN AND REMOVE FROM TIME TO TIME, ABOVE GROUND AND UNDERGROUND FACILITIES AND APPURTENANCES USED IN CONNECTION WITH THE WATER SYSTEM, SANITARY SEWER SYSTEM, STORM DRAINAGE SYSTEM OF THE VILLAGE OF MONTGOMERY, AND ANY OTHER UTILITY EXPRESSLY PERMITTED BY THE VILLAGE. THESE EASEMENTS MAY BE GRADED AS SWALES TO RECEIVE LOCAL SURFACE DRAINAGE. NO PERMANENT BUILDING SHALL BE PLACED ON SAID EASEMENT, BUT THE SAME MAY BE USED FOR GARDENS, SHRUBS, LANDSCAPING AND OTHER PURPOSES THAT DO NOT THEN OR LATER INTERFERE WITH THE AFORESAID USES OR RIGHTS HEREIN GRANTED. TREES SHALL ONLY BE ALLOWED TO BE PLACED IN SUCH LOCATIONS IN THE EASEMENT AS ARE APPROVED BY THE VILLAGE STAFF TO AVOID ACTUAL CONFLICTS WITH UTILITIES.

THE VILLAGE OF MONTGOMERY AND ITS REPRESENTATIVES SHALL, AT THEIR SOLE DISCRETION, REQUIRE ANY FENCE, STRUCTURE OR OTHER OBSTRUCTION THAT IS ERECTED WITHIN A PUBLIC UTILITY EASEMENT, VILLAGE UTILITY EASEMENT, UTILITY EASEMENT, DRAINAGE EASEMENT OR STORMWATER MANAGEMENT EASEMENT, BE REMOVED AT NO COST TO THE VILLAGE. THE COST OF REMOVAL AND REPLACEMENT OF ANY OBSTRUCTION AND ANY OTHER VILLAGE EXPENSES ASSOCIATED THEREWITH, SHALL BE THE SOLE RESPONSIBILITY OF THE OWNER OF THE PROPERTY UPON WHICH THE EASEMENT OBSTRUCTION IS LOCATED.

THE VILLAGE SHALL HAVE NO OBLIGATION WITH RESPECT TO SURFACE RESTORATION, INCLUDING BUT NOT LIMITED TO, THE LAWN OR SHRUBBERY; PROVIDED, HOWEVER, THAT THE VILLAGE SHALL BE OBLIGATED FOLLOWING MAINTENANCE WORK TO 1) STABILIZE ALL SURFACES (IN ANY MANNER SUITABLE TO THE VILLAGE) SO AS TO RETAIN SUITABLE DRAINAGE, 2) TO REMOVE ALL EXCESS DEBRIS AND SPOIL AND 3) TO LEAVE THE MAINTENANCE AREA IN A GENERALLY CLEAN AND WORKMANLIKE CONDITION.

DRAINAGE EASEMENT

THE VILLAGE OF MONTGOMERY IS HEREBY GIVEN EASEMENT RIGHTS TO ALL PLATTED EASEMENTS DESIGNATED “DRAINAGE EASEMENT” OR “D.E.”, TOGETHER WITH THE RIGHT OF ACCESS THERETO, TO INSTALL, OPERATE AND MAINTAIN UNDERGROUND AND SURFACE DRAINAGE FACILITIES AND WATER COURSES. SAID EASEMENTS SHALL BE USED FOR NO OTHER PURPOSE EXCEPT AS EXPRESSLY AUTHORIZED BY THE VILLAGE. NO PERMANENT BUILDINGS SHALL BE PLACED ON SAID EASEMENT, BUT SAME MAY BE USED FOR GARDENS, SHRUBS, LANDSCAPING AND OTHER PURPOSES THAT DO NOT THEN OR LATER INTERFERE WITH THE AFORESAID USES OR THE RIGHTS HEREIN GRANTED.

STORMWATER MANAGEMENT EASEMENT

PERPETUAL PUBLIC STORMWATER AND DRAINAGE EASEMENTS ARE HEREBY GRANTED TO THE VILLAGE OF MONTGOMERY, ITS AGENTS, SUCCESSORS AND ASSIGNS, OVER, ON, ACROSS AND UNDER ALL OF THE AREAS DESIGNATED “STORMWATER MANAGEMENT EASEMENT” ON THIS PLAT, GRANTING THE RIGHT, PRIVILEGE AND AUTHORITY FOR THE FOLLOWING PURPOSES:

A. SURVEYING, CONSTRUCTING, RECONSTRUCTING, REPAIRING, INSPECTING, MAINTAINING AND OPERATING ALL STORMWATER MANAGEMENT FACILITIES, STRUCTURES AND GRADES ON THE DETENTION/RETENTION SITE.

B. THE RIGHT OF ACCESS TO PERFORM THE WORK SPECIFIED IN PARAGRAPH A TOGETHER WITH THE RIGHT OF ACCESS FOR NECESSARY PERSONS AND EQUIPMENT TO DO ANY OF THE REQUIRED WORK.

C. TRIMMING, OR REMOVING TREES, SHRUBS OR OTHER PLANTS IN THE EASEMENT THAT INTERFERE WITH THE OPERATIONS OF THE STORMWATER FUNCTIONS.

D. NO PERMANENT BUILDINGS, STRUCTURES OR UTILITY FACILITIES SHALL BE CONSTRUCTED ON THE EASEMENT, BUT SAID EASEMENT MAY BE USED FOR OTHER PURPOSES THAT DO NOT NOW OR LATER CONFLICT WITH THE AFORESAID USES OR RIGHTS OR IN ANY WAY AFFECT OR IMPEDE THE STORAGE OF FREE FLOW OF STORMWATER ON AND OVER THE PARCEL.

THE PROVISIONS HEREOF REGARDING STORMWATER MANAGEMENT SHALL NOT BE AMENDED, MODIFIED, OR ABROGATED WITHOUT THE PRIOR WRITTEN APPROVAL OF THE VILLAGE.

PEDESTRIAN AND BIKE TRAIL EASEMENT PROVISIONS

THE VILLAGE OF MONTGOMERY, ITS SUCCESSORS, LICENSEES AND ASSIGNS, ARE HEREBY GIVEN EASEMENT RIGHTS OVER ALL AREAS ON THE PLAT MARKED "PEDESTRIAN EASEMENT", "BIKE TRAIL EASEMENT", "PEDESTRIAN AND BIKE TRAIL EASEMENT" , " LANDSCAPE BUFFER EASEMENT" OR "STORMWATER MANAGEMENT EASEMENT", TOGETHER WITH THE RIGHT OF ACCESS THERETO, TO CONSTRUCT, INSTALL, RECONSTRUCT, REPAIR, REMOVE, REPLACE, INSPECT, MAINTAIN AND OPERATE PEDESTRIAN AND BICYCLE TRAILS, PAVED OR UNPAVED, FOR THE USE AND ENJOYMENT OF THE GENERAL PUBLIC. THE ABOVE-NAMED ENTITIES ARE HEREBY GRANTED THE RIGHT TO ENTER UPON EASEMENTS HEREIN DESCRIBED FOR THE USES HEREIN SET FORTH AND THE RIGHT TO CUT, TRIM, OR REMOVE ANY TREES, SHRUBS OR OTHER PLANTS WITHIN THE EASEMENT AREAS HEREIN GRANTED WHICH INTERFERE WITH THE CONSTRUCTION, INSTALLATION, RECONSTRUCTION, REPAIR, REMOVAL, REPLACEMENT, INSPECTION, MAINTENANCE AND OPERATION THEREOF. NO TEMPORARY OR PERMANENT BUILDINGS, STRUCTURES OR OBSTRUCTIONS SHALL BE PLACED ON OR OVER SAID EASEMENTS THAT INTERFERE WITH THE RIGHTS HEREIN GRANTED.

LANDSCAPE EASEMENT PROVISIONS

THE VILLAGE OF MONTGOMERY, ITS SUCCESSORS, LICENSEES AND ASSIGNS, ARE HEREBY GIVEN NON-EXCLUSIVE EASEMENT RIGHTS OVER ALL AREAS ON THE PLAT MARKED "LANDSCAPE EASEMENT" (L.E.) OR "LANDSCAPE BUFFER EASEMENT" (L.B.E.), TOGETHER WITH THE RIGHT OF ACCESS THERETO, TO INSTALL, PLANT, MAINTAIN, INSPECT, REMOVE AND REPLACE TREES, SHRUBS, BUSHES, GRASS, PLANTS, GROUNDCOVERS AND OTHER FORMS OF VEGETATION AND LANDSCAPING FEATURES, TOGETHER WITH THE RIGHT OF ACCESS FOR PERSONNEL AND EQUIPMENT TO EXERCISE ANY OF THE RIGHTS HEREIN GRANTED. NO TEMPORARY OR PERMANENT BUILDINGS, STRUCTURES OR OBSTRUCTIONS SHALL BE PLACED ON OR OVER SAID EASEMENTS NOR SHALL ANY SUCH VEGETATION BE REMOVED, (EXCEPT TO REPLACE DEAD OR DISEASED VEGETATION WITH LIKE VEGETATION), WITHOUT THE WRITTEN AUTHORITY OF THE VILLAGE OF MONTGOMERY.

THE OWNER OF THE PROPERTY CONTAINING SUCH EASEMENTS SHALL BE PERPETUALLY RESPONSIBLE FOR THE PROPER MAINTENANCE OF THE LANDSCAPE EASEMENT AREAS AND LANDSCAPE BUFFER EASEMENT AREAS AND APPURTENANCES.

The following note shall be added to all plats of subdivision:

CONDITIONS COMMON TO ALL EASEMENTS

THE VILLAGE OF MONTGOMERY AND ITS REPRESENTATIVES SHALL, AT THEIR SOLE DISCRETION, REQUIRE ANY FENCE, STRUCTURE OR OTHER OBSTRUCTION THAT IS ERECTED WITHIN A PUBLIC UTILITY EASEMENT, VILLAGE UTILITY EASEMENT, UTILITY EASEMENT, DRAINAGE EASEMENT OR STORMWATER MANAGEMENT EASEMENT, BE REMOVED AT NO COST TO THE VILLAGE. THE COST OF REMOVAL AND REPLACEMENT OF ANY OBSTRUCTION AND ANY OTHER VILLAGE EXPENSES ASSOCIATED THEREWITH SHALL BE THE SOLE RESPONSIBILITY OF THE OWNER OF THE PROPERTY UPON WHICH THE EASEMENT OBSTRUCTION IS LOCATED.

An additional note shall be added to plats of subdivision with blanket easements (i.e. Townhouses):

VILLAGE UTILITY EASEMENTS-COMMON AREAS

THE VILLAGE SHALL HAVE THE RIGHT TO ENTER THE PROPERTY TO MAKE REPAIRS TO THE VILLAGE UTILITIES, (WATER MAIN, SANITARY AND STORM LINES AND APPURTENANCES) OR TO INSPECT SAME.

THE VILLAGE SHALL HAVE THE RIGHT TO REMOVE ANY STRUCTURE, PAVEMENT, FENCING, OR LANDSCAPING IN ORDER TO CONSTRUCT, MAINTAIN, OR REPAIR THE SAID VILLAGE UTILITIES AND UPON COMPLETION SHALL ROUGH GRADE THE SITE. THE OWNER SHALL HAVE THE DUTY TO RESTORE THE SURFACE OF ANY GROUND, ROAD, DRIVEWAY, PARKING AREA, FENCING OR LANDSCAPING OTHERWISE DISTURBED BY THE ACTIONS OF THE VILLAGE IN MAINTAINING ANY SAID VILLAGE UTILITY SERVICE LINES (WITHIN THE EASEMENT), IN ANY EASEMENT DEDICATED TO AND ACCEPTED BY THE VILLAGE OF MONTGOMERY.

ANY VILLAGE UTILITIES DAMAGED OR ANY DAMAGE CAUSED TO SAID UTILITIES AS A RESULT OF THE OWNER OR TENANT'S ACTIVITIES SHALL BE REPAIRED BY THE OWNER AT OWNER'S COST. IN THE EVENT OF ANY SUCH DAMAGE WHICH, IN THE SOLE OPINION OF THE VILLAGE, REQUIRES IMMEDIATE ACTION TO REPAIR IN ORDER TO ELIMINATE WATER LOSS OR PROTECT THE PUBLIC WELFARE, THEN THE VILLAGE MAY MAKE SUCH IMMEDIATE REPAIRS WHICH SHALL BE REIMBURSED BY OWNER.

Provision No. 6

Village Utility Easement Provisions

VILLAGE UTILITY EASEMENT PROVISIONS

THE VILLAGE OF MONTGOMERY IS HEREBY GIVEN EASEMENT RIGHTS TO ALL PLATTED EASEMENTS DESIGNATED “VILLAGE UTILITY EASEMENT” OR “V.U.E.”, TOGETHER WITH THE RIGHT OF ACCESS THERETO. SAID EASEMENTS SHALL BE USED SOLELY TO INSTALL, OPERATE, MAINTAIN AND REMOVE FROM TIME TO TIME, ABOVE GROUND AND UNDERGROUND FACILITIES AND APPURTENANCES USED IN CONNECTION WITH THE WATER SYSTEM, SANITARY SEWER SYSTEM, STORM DRAINAGE SYSTEM OF THE VILLAGE OF MONTGOMERY, AND ANY OTHER UTILITY EXPRESSLY PERMITTED BY THE VILLAGE. THESE EASEMENTS MAY BE GRADED AS SWALES TO RECEIVE LOCAL SURFACE DRAINAGE. NO PERMANENT BUILDING SHALL BE PLACED ON SAID EASEMENT, BUT THE SAME MAY BE USED FOR GARDENS, SHRUBS, LANDSCAPING AND OTHER PURPOSES THAT DO NOT THEN OR LATER INTERFERE WITH THE AFORESAID USES OR RIGHTS HEREIN GRANTED. TREES SHALL ONLY BE ALLOWED TO BE PLACED IN SUCH LOCATIONS IN THE EASEMENT AS ARE APPROVED BY THE VILLAGE STAFF TO AVOID ACTUAL CONFLICTS WITH UTILITIES.

THE VILLAGE OF MONTGOMERY AND ITS REPRESENTATIVES SHALL, AT THEIR SOLE DISCRETION, REQUIRE ANY FENCE, STRUCTURE OR OTHER OBSTRUCTION THAT IS ERECTED WITHIN A VILLAGE UTILITY EASEMENT BE REMOVED AT NO COST TO THE VILLAGE. THE COST OF REMOVAL AND REPLACEMENT OF ANY OBSTRUCTION AND ANY OTHER VILLAGE EXPENSES ASSOCIATED THEREWITH, SHALL BE THE SOLE RESPONSIBILITY OF THE OWNER OF THE PROPERTY UPON WHICH THE EASEMENT OBSTRUCTION IS LOCATED.

THE VILLAGE SHALL HAVE NO OBLIGATION WITH RESPECT TO SURFACE RESTORATION, INCLUDING BUT NOT LIMITED TO, THE LAWN OR SHRUBBERY; PROVIDED, HOWEVER, THAT THE VILLAGE SHALL BE OBLIGATED FOLLOWING MAINTENANCE WORK TO 1) STABILIZE ALL SURFACES (IN ANY MANNER SUITABLE TO THE VILLAGE) SO AS TO RETAIN SUITABLE DRAINAGE, 2) TO REMOVE ALL EXCESS DEBRIS AND SPOIL AND 3) TO LEAVE THE MAINTENANCE AREA IN A GENERALLY CLEAN AND WORKMANLIKE CONDITION.

Provision No. 7

Water Main Easement Provisions

WATER MAIN EASEMENT PROVISIONS

THE VILLAGE OF MONTGOMERY IS HEREBY GIVEN EASEMENT RIGHTS TO ALL PLATTED EASEMENTS DESIGNATED “WATER MAIN EASEMENT” OR “W.E.”, TOGETHER WITH THE RIGHT OF ACCESS THERETO. SAID EASEMENTS SHALL BE USED SOLELY TO INSTALL, OPERATE, MAINTAIN AND REMOVE FROM TIME TO TIME, ABOVE GROUND AND UNDERGROUND FACILITIES AND APPURTENANCES USED IN CONNECTION WITH THE WATER SYSTEM OF THE VILLAGE OF MONTGOMERY. THESE EASEMENTS MAY BE GRADED AS SWALES TO RECEIVE LOCAL SURFACE DRAINAGE. NO PERMANENT BUILDING SHALL BE PLACED ON SAID EASEMENT, BUT THE SAME MAY BE USED FOR GARDENS, SHRUBS, LANDSCAPING AND OTHER PURPOSES THAT DO NOT THEN OR LATER INTERFERE WITH THE AFORESAID USES OR RIGHTS HEREIN GRANTED. TREES SHALL ONLY BE ALLOWED TO BE PLACED IN SUCH LOCATIONS IN THE EASEMENT AS ARE APPROVED BY THE VILLAGE STAFF TO AVOID ACTUAL CONFLICTS WITH THE WATER MAIN.

THE VILLAGE OF MONTGOMERY AND ITS REPRESENTATIVES SHALL, AT THEIR SOLE DISCRETION, REQUIRE ANY FENCE, STRUCTURE OR OTHER OBSTRUCTION THAT IS ERECTED WITHIN A WATER MAIN EASEMENT, BE REMOVED AT NO COST TO THE VILLAGE. THE COST OF REMOVAL AND REPLACEMENT OF ANY OBSTRUCTION AND ANY OTHER VILLAGE EXPENSES ASSOCIATED THEREWITH, SHALL BE THE SOLE RESPONSIBILITY OF THE OWNER OF THE PROPERTY UPON WHICH THE EASEMENT OBSTRUCTION IS LOCATED.

THE VILLAGE SHALL HAVE NO OBLIGATION WITH RESPECT TO SURFACE RESTORATION, INCLUDING BUT NOT LIMITED TO, THE LAWN OR SHRUBBERY; PROVIDED, HOWEVER, THAT THE VILLAGE SHALL BE OBLIGATED FOLLOWING MAINTENANCE WORK TO 1) STABILIZE ALL SURFACES (IN ANY MANNER SUITABLE TO THE VILLAGE) SO AS TO RETAIN SUITABLE DRAINAGE, 2) TO REMOVE ALL EXCESS DEBRIS AND SPOIL AND 3) TO LEAVE THE MAINTENANCE AREA IN A GENERALLY CLEAN AND WORKMANLIKE CONDITION.

Rev: 11-8-2012

Provision No. 8

Future Right of Way Easement Provisions

FUTURE RIGHT OF WAY EASEMENT PROVISIONS

THE VILLAGE OF MONTGOMERY, IT'S SUCCESSORS, LICENSEES AND ASSIGNS, ARE HEREBY GRANTED AN EASEMENT ON, OVER, AND UNDER ALL AREAS ON THE PLAT MARKED "EASEMENT FOR FUTURE RIGHT OF WAY", FOR USE BY THE VILLAGE OF MONTGOMERY, ITS SUCCESSORS, LICENSEES AND ASSIGNS, IN CONSTRUCTING ROADWAYS, SIDEWALKS, BIKE TRAILS, UTILITIES, LIGHTING, LANDSCAPING, LANDSCAPE BUFFER, AND OTHER PURPOSES GENERALLY APPURTENANT TO SUCH USES NO TEMPORARY OR PERMANENT BUILDINGS, STRUCTURES OR OBSTRUCTIONS SHALL BE PLACED ON OR OVER SAID EASEMENTS, EXCEPT THOSE ALLOWED IN LANDSCAPE BUFFERS. IN THE EVENT ANY CONSTRUCTION OF THE FOREGOING BY ANY SUCCESSOR, LICENSEE, OR ASSIGNEE OF THIS EASEMENT REQUIRES THE RELOCATION OF ANY VILLAGE WATER MAIN, SEWER, OR OTHER UTILITY, THE SAME SHALL BE DONE BY SUCH SUCCESSOR, LICENSEE, OR ASSIGNEE AT ITS OWN COST.

Provision No. 9

Village Entry Sign Easement Provisions

VILLAGE ENTRY SIGN EASEMENT PROVISIONS

THE VILLAGE OF MONTGOMERY IS HEREBY GIVEN EASEMENT RIGHTS TO ALL PLATTED EASEMENTS DESIGNATED “VILLAGE ENTRY SIGN EASEMENT”, TOGETHER WITH THE RIGHT OF ACCESS THERETO. SAID EASEMENTS SHALL BE USED SOLELY TO OPERATE INSTALL, CONSTRUCT, RECONSTRUCT, REPAIR, INSPECT, MAINTAIN, REMOVE, REPLACE, AND ALTER FROM TIME TO TIME A VILLAGE ENTRY SIGN.

NO PERMANENT BUILDING SHALL BE PLACED ON SAID EASEMENT, BUT THE SAME MAY BE USED FOR LANDSCAPING AND OTHER PURPOSES THAT DO NOT THEN OR LATER INTERFERE WITH THE AFORESAID USES OR RIGHTS HEREIN GRANTED. TREES SHALL ONLY BE ALLOWED TO BE PLACED IN SUCH LOCATIONS IN THE EASEMENT AS ARE APPROVED BY THE VILLAGE STAFF TO AVOID ACTUAL CONFLICTS WITH THE ENTRY SIGN OR OBSTRUCT THE VISIBILITY OF THE ENTRY SIGN.

THE VILLAGE OF MONTGOMERY AND ITS REPRESENTATIVES SHALL, AT THEIR SOLE DISCRETION, REQUIRE ANY FENCE, STRUCTURE OR OTHER OBSTRUCTION THAT IS ERECTED WITHIN THE VILLAGE ENTRY SIGN EASEMENT, BE REMOVED AT NO COST TO THE VILLAGE. THE COST OF REMOVAL AND REPLACEMENT OF ANY OBSTRUCTION AND ANY OTHER VILLAGE EXPENSES ASSOCIATED THEREWITH, SHALL BE THE SOLE RESPONSIBILITY OF THE OWNER OF THE PROPERTY UPON WHICH THE EASEMENT OBSTRUCTION IS LOCATED.

FOLLOWING ANY WORK TO BE PERFORMED BY THE VILLAGE IN THE EXERCISE OF ITS EASEMENT RIGHTS GRANTED HEREIN, THE VILLAGE SHALL RESTORE THE SURFACE OF THE PROPERTY TO A CONDITION EQUAL TO OR BETTER THAN THAT WHICH EXISTED PRIOR TO THE WORK, EXCEPT THAT ANY TREE REQUIRING REMOVAL WILL BE REPLACED WITH A 3-1/2” MINIMUM CALIPER TREE OF LIKE SPECIES. THE OWNER SHALL HAVE NO PERSONAL OR FINANCIAL OBLIGATION TO RESTORE SAID PROPERTY.

PINs:_____

Final Subdivision Plat Checklist

	Initials or N/A
1. Name of subdivision (with the words "Final Plat" or "Final Plat of Resubdivision"` placed above it) on the top of each sheet, along with a short legal description describing the section, township and range numbers shall be placed under the name of the subdivision.	
2. The Final Plat shall be presented at a scale no smaller than 1 inch equal 100 feet.	_____
3. No text shall be smaller than 0.08 inches in height.	_____
4. The maximum sheet size shall be 24 inches by 36 inches.	_____
5. Unit number if applicable, Phases will not be allowed. Unit plats shall be recorded successively, i.e. Unit 1, Unit 2, Unit 3, etc. (e.g., a Unit 3 shall not be recorded prior to a Unit 2).	_____
6. All lots shall be consecutively numbered in each unit. Letters and Outlots will not be allowed.	_____
7. The legal description in the surveyor's certificate shall be an accurate, closing metes and bounds description with bearings or angles and distances of the measured boundary of the land being subdivided.	_____
8. North arrow and scale located on each page.	_____
9. Names, addresses and phone numbers of the owner(s) and the professional land surveyor who prepared the plat.	_____
10. Date of plat preparation with any revision dates.	_____
11. Boundary of subdivision, clearly indicated, based upon an actual land survey, with measured and record angles or bearings and linear dimensions shown on the plat. A final plat will not be approved which has gores with adjoining, previously platted subdivisions or overlaps onto a previously platted subdivision. All boundary disputes and/or questions of title or ownership shall be resolved prior to the final plat being submitted for approval.	_____
12. The subdivision shall be accurately tied to a section line by angular and linear measurements. The recording document for the monument records for the section corners used to determine the section line shall be listed. If there is not a monument record filed for the corners then the surveyor will be required to record a monument record for the missing corner and list the recording document.	_____
13. Exact location, width and name of all streets, or other public ways, within and adjoining the plat, with document numbers and recording dates as applicable.	_____
14. Names, document numbers, recording dates and lot lines for all adjoining, previously platted subdivisions shall be shown on the plat.	_____
15. Radii, arc length, chord bearing, chord length, point of curvature and point of tangency for all arcs shall be shown.	_____
16. All easements shall be shown, accurately dimensioned and labeled in accordance with the Village Easement Provisions.	_____
17. All existing easements shall be labeled and accurately dimensioned.	_____
18. Any offsite easements that are servicing the subdivision shall be granted on a separate document and not on the plat of subdivision.	_____
19. Building lines shall be accurately shown and dimensioned.	_____

PINs:_____

20. All lot lines shall be dimensioned to the nearest one-hundredth of a foot. Angular dimensions to the nearest 1 second shall be shown, but need not be repeated if it is obvious that a series of lot lines is parallel. _____

21. Lot areas and right-of-way areas, in square feet shall be shown on the plat in an appended table. _____

22. The two concrete monuments required by statute shall be installed prior to approval of the Final Plat. _____

23. The location and description of two concrete monuments, all other required Monumentation (minimum twenty-four inches in length), shall be steel pipes (minimum O.D. of three-fourths inch) or steel rods (minimum O.D. of five-eighths inch). _____

24. Lot or lots to be dedicated or reserved for public use need to be shown, with the purposes indicated thereon.

25. The Village Easement Provisions are to be used (See attached). _____

26. The Village Certificates are to be used (See attached)

Village of Montgomery Engineering Design and Inspection Policy Manual

Table of Contents

Section 3: Engineering Notes and Details

Sec 3.01 Village Standard Notes

VILLAGE OF MONTGOMERY GENERAL NOTES AND CONSTRUCTION SPECIFICATIONS

1. THE MOST RECENT ADDITION OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", THE MOST RECENT EDITION OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", AND REVISIONS THERETO, THESE IMPROVEMENT PLANS AND DETAILS, SPECIAL PROVISIONS AND CODES AND ORDINANCES OF THE VILLAGE OF MONTGOMERY, ILLINOIS SHALL GOVERN APPLICABLE PORTIONS OF THIS PROJECT.

2. THE CONTRACTOR SHALL OBTAIN, ERECT, MAINTAIN AND REMOVE ALL SIGNS, BARRICADES, FLAGMEN AND OTHER CONTROL DEVICES AS MAY BE NECESSARY FOR THE PURPOSE OF REGULATING, WARNING OR GUIDING TRAFFIC. PLACEMENT AND MAINTENANCE OF ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PARTS OF ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS, THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS".

3. LOCATION OF UTILITIES SHOWN ON PLANS ARE APPROXIMATE ONLY, AND ARE NOT NECESSARILY COMPLETE. CONTRACTOR SHALL MAKE HIS OWN INVESTIGATIONS AS TO LOCATION OF ALL EXISTING UNDERGROUND STRUCTURES, CABLES, UTILITIES AND PIPELINES.

4. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT IN LOCATION WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND VILLAGE SO THAT THE CONFLICT MAY BE RESOLVED.

5. THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. (1-800-892-0123) AT LEAST 48 HOURS PRIOR TO CONSTRUCTION SO REQUIRED PROTECTION OF ALL ROADWAYS, STRUCTURES, POLES, CABLES AND PIPELINES, BEFORE CONSTRUCTION THAT EACH UTILITY COMPANY CAN STAKE OUT ANY UNDERGROUND IMPROVEMENTS THAT THEY MAY HAVE WHICH MIGHT INTERFERE WITH THE PROPOSED CONSTRUCTION.

6. THE CONTRACTOR SHALL BE REQUIRED TO MAKE ARRANGEMENTS FOR THE PROPER BRACING, SHORING AND OTHER REQUIRED PROTECTION OF ALL ROADWAYS, STRUCTURES, POLES, CABLES AND PIPELINES, BEFORE CONSTRUCTION BEGINS. HE 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 ENGINEER AND VILLAGE AT HIS OWN EXPENSE.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL PRIVATE AND PUBLIC UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AND VILLAGE BY THE CONTRACTOR AT HIS OWN EXPENSE.

8. THE CONTRACTOR SHALL EXAMINE THE PLANS AND SPECIFICATIONS, VISIT THE SITE OF THE WORK AND INFORM HIMSELF/HERSELF FULLY WITH THE WORK INVOLVED, GENERAL AND LOCAL CONDITIONS, ALL FEDERAL, STATE AND LOCAL LAWS, ORDINANCES, RULES AND REGULATIONS AND ALL OTHER PERTINENT ITEMS WHICH MAY AFFECT THE COST AND TIME OF COMPLETION OF THIS PROJECT BEFORE SUBMITTING A BID.

9. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CODE REQUIREMENTS.

10. PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR SHALL CALL THE ATTENTION OF THE ENGINEER TO ANY MATERIAL OR EQUIPMENT HE DEEMS INADEQUATE AND TO ANY ITEM OF WORK OMITTED.

11. THE PAY ITEMS SHALL BE AS NOTED IN THE SUMMARY OF QUANTITIES. ANY ITEM OF WORK THAT IS SHOWN ON THE PLANS TO BE PERFORMED BY THE CONTRACTOR, FOR WHICH THERE IS NO PAY ITEM, SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE PROJECT.

12. THE UNDERGROUND CONTRACTOR SHALL BE RESPONSIBLE TO PLACE ON GRADE AND COORDINATE WITH OTHER CONTRACTORS ALL UNDERGROUND STRUCTURE FRAMES SUCH AS CATCH BASINS, INLETS, MANHOLES, HYDRANTS, BUFFALO BOXES, VALVES, ETC. NO ADDITIONAL COMPENSATION SHALL BE PAID AND SAID ADJUSTMENTS SHALL BE CONSIDERED INCIDENTAL TO OTHER ITEMS OF CONSTRUCTION.

13. THE CONTRACTOR SHALL RESTORE ANY AREA DISTURBED TO A CONDITION EQUAL TO OR BETTER THAN ITS ORIGINAL USE. THIS SHALL INCLUDE FINISH GRADING, ESTABLISHMENT OF A VEGETATIVE COVER (SEEDING OR SOD), GENERAL CLEANUP AND PAVEMENT REPLACEMENT.

14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND HEALTHFUL WORKING CONDITIONS THROUGHOUT THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.

15. THE ENGINEER WILL BE GIVEN FORTY-EIGHT (48) HOURS NOTICE FOR ANY STAKING THAT IS TO BE DONE. EACH OF THE VARIOUS ITEMS OF WORK COVERED BY THIS CONTRACT WILL BE STAKED ONCE. ADDITIONAL STAKING REQUIRED DUE TO THE NEGLIGENCE OF THE CONTRACTOR SHALL BE PAID FOR BY THE CONTRACTOR AT THE CURRENT HOURLY RATE.

16. THE CONTRACTOR SHALL INFORM THE VILLAGE ENGINEER BEFORE WORK COMMENCES ON EACH CATEGORY OF CONSTRUCTION, I.E. WATER MAIN AND SANITARY SEWER. A TWENTY-FOUR (24) HOUR NOTICE SHALL BE GIVEN FOR ANY ITEM THAT REQUIRES FINAL TESTING AND INSPECTION SUCH AS WATER MAINS OR SANITARY SEWERS.

17. ALL LOT IRONS DAMAGED OR REMOVED DURING CONSTRUCTION OF THIS PROJECT SHALL BE REPLACED BY THE ENGINEER AND SAID COST OF REPLACEMENT SHALL BE PAID BY THE CONTRACTOR.

18. BEFORE ACCEPTANCE BY THE VILLAGE AND FINAL PAYMENT, ALL WORK SHALL BE INSPECTED AND APPROVED BY THE VILLAGE ENGINEER. FINAL PAYMENT SHALL BE MADE AFTER ALL OF THE CONTRACTOR'S WORK HAS BEEN APPROVED AND ACCEPTED.

19. THE CONTRACTOR WILL HAVE IN HIS POSSESSION ON THE JOB SITE A COPY OF THE PLANS AND SPECIFICATIONS DURING CONSTRUCTION.

20. IF ANY APPROVED EQUAL ITEMS ARE REQUIRED, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR APPROVAL.

21. ANY DRAIN AND/OR FIELD TILE ENCOUNTERED BY THE CONTRACTOR DURING THE INSTALLATION OF THE IMPROVEMENTS SHALL BE RETURNED TO ORIGINAL CONDITION. THE ENGINEER SHALL BE NOTIFIED OF THE FIELD TILE TO WITNESS THE REPAIR AND DOCUMENT ITS LOCATION. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

22. ALL ROAD SIGNS, STREET SIGNS AND TRAFFIC SIGNS WHICH NEED TO BE RELOCATED OR MOVED DUE TO CONSTRUCTION SHALL BE TAKEN DOWN AND STORED BY THE

CONTRACTOR AT HIS OWN EXPENSE, EXCEPT THOSE WHICH ARE NECESSARY FOR PROPER TRAFFIC CONTROL WHICH SHALL BE TEMPORARILY RESET UNTIL COMPLETION OF CONSTRUCTION OPERATIONS. AFTER COMPLETION OF THE WORK, THE CONTRACTOR SHALL RESET, AT HIS EXPENSE, ALL SAID SIGNS.

23. THE CONTRACTOR SHALL DISPOSE OF ALL EXCESS EXCAVATION, UNSUITABLE AND UNUSABLE MATERIALS OFFSITE AND AT AN APPROVED LOCATION IN A MANNER THAT PUBLIC OR PRIVATE PROPERTY WILL NOT BE DAMAGED OR ENDANGERED. THIS WORK IS CONSIDERED AS INCIDENTAL TO THE COST OF THE PROJECT.

24. NO EXCAVATIONS WILL BE PERMITTED TO REMAIN OPEN OVER ANY WEEKEND.

25. "BAND-SEAL" OR SIMILAR COUPLINGS SHALL BE USED WHEN JOINING SEWER PIPES OF DISSIMILAR MATERIALS.

26. AS-BUILT DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS THE SITE IMPROVEMENTS ARE COMPLETED. ANY CHANGE IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED.

27. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ANY REQUIRED INSPECTIONS WITH THE VILLAGE OF MONTGOMERY.

28. SPECIAL ATTENTION IS DRAWN TO THE FACT THAT ARTICLE 105.06 OF THE STANDARD SPECIFICATIONS REQUIRES THE CONTRACTOR TO HAVE A COMPETENT SUPERINTENDENT ON THE PROJECT SITE AT ALL TIMES, IRRESPECTIVE OF THE AMOUNT OF WORK SUBLET. THE SUPERINTENDENT SHALL BE CAPABLE OF READING AND UNDERSTANDING THE PLANS AND SPECIFICATIONS, SHALL HAVE FULL AUTHORITY TO EXECUTE ORDERS TO EXPEDITE THE PROJECT, SHALL BE RESPONSIBLE FOR SCHEDULING AND HAVE CONTROL OF ALL WORK AS THE AGENT OF THE CONTRACTOR. FAILURE TO COMPLY WITH THIS PROVISION WILL RESULT IN A SUSPENSION OF WORK AS PROVIDED IN ARTICLE 108.07.

29. THE ENGINEER AND VILLAGE ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS OR FOR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF HIS WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS.

30. IF GROUNDWATER IS ENCOUNTERED, THE DEWATERING SHALL BE CONSIDERED INCIDENTAL WHEN NECESSARY. PRIOR TO COMMENCING ANY DEWATERING, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL A DEWATERING PLAN INDICATING WELL POINT LOCATIONS, PUMP SIZES AND CAPACITIES AND ALL DISCHARGE POINTS.

VILLAGE OF MONTGOMERY WATER MAIN CONSTRUCTION

1. ALL WATER MAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION, THE NOTES ON THE PLANS, AND IN ACCORDANCE WITH CODES AND ORDINANCES OF THE VILLAGE OF MONTGOMERY, ILLINOIS.

2. ALL WATER MAIN SHALL BE DUCTILE IRON PIPE CLASS 52 WITH EITHER MECHANICAL OR PUSH-ON JOINTS AND SHALL CONFORM TO ANSI A21.51-96, AWWA C151 AND ANSI A21.11-00, AWWA C111. PIPE SHALL BE MANUFACTURED IN THE UNITED STATES.

3. ALL FITTINGS SHALL BE COMPACT DUCTILE IRON AND SHALL CONFORM TO AWWA/ANSI C153/A21.53_00. FITTINGS SHALL BE U.L. LISTED CLASS 350 TYLER GRIFFIN OR APPROVED EQUAL. FITTINGS SHALL BE MANUFACTURED IN THE UNITED STATES.

4. ALL PIPE AND FITTINGS SHALL BE CEMENT LINED IN ACCORDANCE WITH AWWA/ANSI C104/A21.4-95.

5. ALL FITTINGS SHALL BE MECHANICAL JOINT AND INSTALLED WITH RETAINER GLANDS UNLESS OTHERWISE SHOWN ON THE DRAWINGS.

6. ALL MECHANICAL JOINT FITTINGS, VALVES, AND HYDRANTS SHALL BE RESTRAINED WITH RETAINER GLANDS. RETAINER GLANDS SHALL BE EBAA IRON SERIES 1100 MEGALUG, UNI-FLANGE SERIES 1400, STARGRIP SERIES 3000, OR SIGMA ONE LOK SLD.

7. ALL WATER MAIN SHALL BE WRAPPED WITH POLYETHYLENE IN ACCORDANCE WITH AWWA/ANSI C105/A21.5-99.

8. LONG RADIUS CURVES, EITHER HORIZONTAL OR VERTICAL, MAY BE LAID WITH STANDARD PIPE BY DEFLECTIONS AT THE JOINTS. MAXIMUM DEFLECTIONS AT PIPE JOINTS AND LAYING RADIUS FOR THE VARIOUS PIPE LENGTHS SHALL BE IN ACCORDANCE WITH AWWA C600-99. WHEN RUBBER-GASKETED PIPE IS LAID ON A CURVE, THE PIPE SHALL BE JOINTED IN A STRAIGHT ALIGNMENT AND THEN DEFLECTED TO THE CURVED ALIGNMENT. TRENCHES SHALL BE MADE WIDER ON CURVES FOR THIS PURPOSE.

9. ALL VALVES SHALL BE GATE VALVES AND SHALL HAVE A NON-RISING STEM, A STANDARD OPERATING NUT, AND OPEN IN A COUNTER-CLOCKWISE DIRECTION. GATE VALVES SHALL BE CLOW, MUELLER, OR WATEROUS RESILIENT WEDGE GATE VALVE IN ACCORDANCE WITH AWWA C509-94. GATE VALVES SHALL BE IN VALVE VAULTS. ALL GATE VALVES SHALL BE CONSISTENT THROUGHOUT A DEVELOPMENT. NO BUTTERFLY VALVES ARE ALLOWED.

10. ALL VALVE BOXES SHALL BE CAST IRON, TWO (2) PIECE 5¼" SHAFTS. VALVE BOXES SHALL BE SCREW TYPE TYLER MODEL 666-S AND ATTACHED TO THE HYDRANT BARREL WITH GRIP ARMS AS MANUFACTURED BY BLR OR APPROVED EQUAL. LIDS TO BE MARKED "WATER" (VALVE BOX EXTENSIONS IF REQUIRED ARE CONSIDERED INCIDENTAL).

11. ALL HYDRANTS SHALL BE IN ACCORDANCE WITH AWWA C502-94 AND SHALL BE WATEROUS PACER MODEL #WB-67, CLOW F-2545 (MEDALLION) WITH ONE (1) 4½" STEAMER NOZZLE AND TWO (2) 2½" HOSE OUTLETS, OF WHICH THE THREADS CONFORM WITH THE STANDARDS OF THE VILLAGE OF MONTGOMERY, ILLINOIS. ALL HYDRANTS SHALL HAVE AN AUXILIARY GATE VALVE. ALL HYDRANTS SHALL BE ONE MODEL THROUGHOUT A DEVELOPMENT.

12. SLEEVES SHALL BE ROCKWELL D.I. COUPLING TYPE 441 OR EQUAL. SLEEVES SHALL BE PROVIDED AT LOCATIONS SHOWN ON THE PLANS OR AS REQUIRED.

13. ALL TEES, BENDS, FIRE HYDRANTS, PLUGS, AND VALVES SHALL BE ADEQUATELY SUPPORTED WITH A CONCRETE BASE AND SUPPORTED LATERALLY WITH PRECAST CONCRETE THRUST BLOCKING AGAINST UNDISTURBED EARTH.

14. ALL WATER MAINS SHALL HAVE A MINIMUM DEPTH OF COVER OF 5.5'.

15. ALL PRESSURE TAPS TO AN EXISTING VILLAGE MAIN SHALL BE MADE WITH A MUELLER MECHANICAL JOINT TAPPING SLEEVE NO. H-615 AND MUELLER RESILIENT TAPPING VALVE (MJ X FL) NO. T-2360-16 OR AMERICAN FLOW CONTROL SERIES 2800 TAPPING SLEEVE AND AMERICAN FLOW CONTROL SERIES 2500 RESILIENT TAPPING VALVE (MJ X FL) AND SHALL BE CONSTRUCTED IN A VALVE VAULT.

16. THE CONTRACTOR SHALL OBTAIN, ERECT, MAINTAIN, AND REMOVE ALL SIGNS, BARRICADES, FLAGMEN, AND OTHER CONTROL DEVICES AS MAY BE NECESSARY FOR THE PURPOSE OF REGULATING, WARNING, OR GUIDING TRAFFIC. PLACEMENT AND MAINTENANCE OF ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PARTS OF ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS AND THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS. CONTRACTOR SHALL FURNISH A TRAFFIC CONTROL PLAN FOR IDOT OR VILLAGE APPROVAL IF REQUIRED.

17. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CODE REQUIREMENTS.

18. THE CONTRACTOR SHALL RESTORE ANY AREA DISTURBED TO A CONDITION EQUAL TO OR BETTER THAN ITS ORIGINAL USE. THIS SHALL INCLUDE FINISH GRADING, ESTABLISHMENT OF A VEGETATIVE COVER (SEEDING OR SOD), GENERAL CLEANUP, AND PAVEMENT REPLACEMENT.

19. ALL TRENCHES CAUSED BY THE CONSTRUCTION OF SEWERS, WATER MAINS, WATER SERVICE PIPES, AND THE EXCAVATION AROUND CATCH BASINS, MANHOLES, INLETS, AND OTHER APPURTENANCES WHICH OCCUR WITHIN THE LIMITS OF EXISTING OR PROPOSED PAVEMENTS, SIDEWALKS, AND CURB AND GUTTERS OR WHERE THE EDGE OF THE TRENCH SHALL BE WITHIN 2' OF SAID IMPROVEMENTS SHALL BE BACKFILLED WITH CA-6 CRUSHED LIMESTONE (IDOT CERTIFIED) AND MECHANICALLY COMPACTED IN 6”-12” LIFTS DEPENDING ON COMPACTION EQUIPMENT USED.

20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND HEALTHFUL WORKING CONDITIONS THROUGHOUT THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.

21. BEFORE ACCEPTANCE BY THE VILLAGE ALL WORK SHALL BE INSPECTED AND APPROVED BY THE VILLAGE OR ITS REPRESENTATIVES.

22. EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT IN LOCATION WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED.

23. WATER MAINS AND WATER SERVICE LINES SHALL BE PROTECTED FROM SANITARY SEWERS, STORM SEWERS, COMBINED SEWERS, HOUSE SEWER SERVICE CONNECTIONS, AND DRAINS IN ACCORDANCE WITH TITLE 35: ENVIRONMENTAL PROTECTION AGENCY SUBTITLE F: PUBLIC WATER SUPPLIES, CHAPTER II: ENVIRONMENTAL PROTECTION AGENCY, PARTS 651-654 TECHNICAL POLICY STATEMENTS, SECTION 653.119.

24. WHENEVER POSSIBLE, A WATER MAIN MUST BE LAID AT LEAST 10' HORIZONTALLY FROM ANY EXISTING OR PROPOSED DRAIN OR SEWER LINE. SHOULD LOCAL CONDITIONS EXIST WHICH WOULD PREVENT A LATERAL SEPARATION OF 10', A WATER MAIN MAY BE LAID CLOSER THAN 10' TO A STORM OR SANITARY SEWER PROVIDED THAT THE WATER MAIN INVERT IS AT LEAST 18" ABOVE THE CROWN OF THE SEWER, AND IS EITHER IN A SEPARATE TRENCH OR IN THE SAME TRENCH ON AN UNDISTURBED EARTH SHELF LOCATED TO ONE SIDE OF THE SEWER. IF IT IS IMPOSSIBLE TO OBTAIN PROPER HORIZONTAL OR VERTICAL SEPARATION AS DESCRIBED ABOVE, THEN THE SEWER MUST ALSO BE CONSTRUCTED OF WATER MAIN TYPE MATERIAL (DUCTILE IRON PIPE WITH SLIP-ON OR MECHANICAL JOINTS, PRESTRESSED REINFORCED CONCRETE PIPE WITH ASTM C-443 JOINTS, ETC.) AND PRESSURE TESTED TO THE MAXIMUM EXPECTED SURCHARGE HEAD TO ASSURE WATER TIGHTNESS BEFORE BACKFILLING.

25. WHENEVER WATER MAINS MUST CROSS HOUSE SEWERS, STORM SEWERS, OR SANITARY SEWERS, THE WATER MAIN SHALL BE LAID AT SUCH AN ELEVATION THAT THE INVERT OF THE WATER MAIN IS 18" ABOVE THE CROWN OF THE DRAIN OR SEWER. THIS VERTICAL SEPARATION MUST BE MAINTAINED FOR THAT PORTION OF THE WATER MAIN LOCATED WITHIN 10' HORIZONTALLY OF ANY SEWER OR DRAIN CROSSED. THIS MUST BE MEASURED AS THE NORMAL DISTANCE FROM THE WATER MAIN TO THE DRAIN OR SEWER. IF IT IS IMPOSSIBLE TO OBTAIN THE PROPER VERTICAL SEPARATION AS DESCRIBED ABOVE OR IF IT IS NECESSARY FOR THE WATER MAIN TO PASS UNDER A SEWER OR DRAIN, THEN THE SEWER MUST BE CONSTRUCTED OF WATER MAIN TYPE MATERIAL (AS NOTED IN ITEM 24). THIS CONSTRUCTION MUST EXTEND ON EACH SIDE OF THE CROSSING UNTIL THE NORMAL DISTANCE FROM THE WATER MAIN TO THE SEWER OR DRAIN LINE IS AT LEAST 10'. IN MAKING SUCH CROSSINGS, CENTER A LENGTH OF WATER MAIN PIPE OVER/UNDER THE SEWER TO BE CROSSED SO THAT THE JOINTS WILL BE EQUIDISTANT FROM THE SEWER AND AS REMOTE THEREFROM AS POSSIBLE. WHERE A WATER MAIN MUST CROSS UNDER A SEWER, A VERTICAL SEPARATION OF 18" BETWEEN THE INVERT OF THE SEWER AND THE CROWN OF THE WATER MAIN SHALL BE MAINTAINED, ALONG WITH MEANS TO SUPPORT THE LARGER SIZED SEWER LINES TO PREVENT THEIR SETTLING AND BREAKING THE WATER MAIN.

26. VALVE VAULTS SHALL BE ADJUSTED WITH PRECAST CONCRETE OR RUBBER ADJUSTING RINGS TO A MAXIMUM OF 8". NO MORE THAN TWO ADJUSTING RINGS ARE ALLOWED. ANY RING 2" OR LESS SHALL BE RUBBER. ANY REQUIRED ADJUSTMENT GREATER THAN 12" WILL NECESSITATE THE ADDITION OF A BARREL SECTION.

27. HYDROSTATIC TESTS - THE CONTRACTOR SHALL PERFORM HYDROSTATIC TESTS IN ACCORDANCE WITH DIVISION IV, SECTION 41 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION, AND APPLICABLE PROVISIONS OF AWWA C600 AND C603. THE WATER MAINS SHALL BE PRESSURE TESTED AT 150 PSI. THE TEST PRESSURE SHALL NOT DROP MORE THAN 2 PSI FOR THE DURATION OF THE TEST. THE GAUGE SHALL BE OF GOOD QUALITY AND CONDITION, AND BE FLUID FILLED. THE GAUGE SHALL HAVE A LARGE ENOUGH RANGE FOR THE PRESSURE BEING TESTED AND SHALL BE CAPABLE OF READING A MINIMUM PRESSURE INCREMENT OF 1 PSI. ALLOWABLE LEAKAGE SHALL BE AS SET FORTH IN AWWA C600, LATEST EDITION. THE TESTING LENGTH SHALL BE LIMITED TO 1,000'. IF

MORE THAN 1,000' OF WATER MAIN IS TESTED, THE ALLOWABLE LEAKAGE WILL BE BASED UPON 1,000'. THE DURATION OF THE TEST SHALL BE FOR 2 HOURS MINIMUM.

28. DISINFECTION OF THE WATER MAINS - UPON COMPLETION OF THE NEWLY LAID WATER MAINS, THE WATER MAINS SHALL BE DISINFECTED IN ACCORDANCE WITH THE AMERICAN WATER WORKS ASSOCIATION, PROCEDURE DESIGNATION, AWWA C651, LATEST EDITION. THE CONTRACTOR IS RESPONSIBLE FOR COLLECTING SAMPLES AND HAVING BACTERIOLOGICAL TESTING PERFORMED AS REQUIRED BY THE IEPA. THE CONTRACTOR SHALL FURNISH TO THE VILLAGE THE REQUIRED DOCUMENTATION, TEST RESULTS, ETC., REQUIRED BY THE IEPA FOR PLACING THE WATER MAINS OR SERVICE LINES IN SERVICE AND/OR SECURING AN OPERATING PERMIT.

29. WATER VALVES AND FIRE HYDRANTS SHALL ONLY BE OPERATED BY VILLAGE OF MONTGOMERY WATER DEPARTMENT PERSONNEL. PLEASE CONTACT THE MONTGOMERY WATER DEPARTMENT AT 630/896-9241.

30. IF THE CONTRACTOR PROPOSES TO USE AN EQUAL PRODUCT FOR ANY OF THE ITEMS CONTAINED IN THE VILLAGE OF MONTGOMERY WATER MAIN CONSTRUCTION NOTES OR DETAILS, THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FROM THE MANUFACTURER THAT THE PROPOSED PRODUCT MEETS THE VILLAGE STANDARDS TO THE VILLAGE OF MONTGOMERY DIRECTOR OF PUBLIC WORKS. THE VILLAGE OF MONTGOMERY DIRECTOR OF PUBLIC WORKS SHALL APPROVE THE PROPOSED EQUAL PRODUCT PRIOR TO USE BY THE CONTRACTOR.

AWWA C651-99 SECTION 4.7: DISINFECTION PROCEDURES WHEN CUTTING INTO OR REPAIRING EXISTING MAINS

THE FOLLOWING PROCEDURES APPLY PRIMARILY WHEN MAINS ARE WHOLLY OR PARTIALLY DEWATERED. AFTER THE APPROPRIATE PROCEDURES HAVE BEEN COMPLETED, THE MAIN MAY BE RETURNED TO SERVICE PRIOR TO COMPLETION OF BACTERIOLOGICAL TESTING IN ORDER TO MINIMIZE THE TIME CUSTOMERS ARE OUT OF WATER. LEAKS OR BREAKS THAT ARE REPAIRED WITH CLAMPING DEVICES WHILE THE MAINS REMAIN FULL OF PRESSURIZED WATER PRESENT LITTLE DANGER OF CONTAMINATION AND REQUIRE NO DISINFECTION.

4.7.1 TRENCH TREATMENT

WHEN AN EXISTING MAIN IS OPENED, EITHER BY ACCIDENT OR BY DESIGN, THE EXCAVATION WILL LIKELY BE WET AND MAY BE BADLY CONTAMINATED FROM NEARBY SEWERS. LIBERAL QUANTITIES OF HYPOCHLORITE APPLIED TO OPEN TRENCH AREAS WILL LESSEN THE DANGER FROM SUCH POLLUTION. TABLETS HAVE THE ADVANTAGE IN SUCH A SITUATION BECAUSE THEY DISSOLVE SLOWLY AND CONTINUE TO RELEASE HYPOCHLORITE AS WATER IS PUMPED FROM THE EXCAVATION.

4.7.2 SWABBING WITH HYPOCHLORITE SOLUTION

THE INTERIORS OF ALL PIPE AND FITTINGS (PARTICULARLY COUPLINGS AND SLEEVES) USED IN MAKING THE REPAIR SHALL BE SWABBED OR SPRAYED WITH A 1% HYPOCHLORITE SOLUTION BEFORE THEY ARE INSTALLED.

4.7.3 FLUSHING

THOROUGH FLUSHING IS THE MOST PRACTICAL MEANS OF REMOVING CONTAMINATION INTRODUCED DURING REPAIRS. IF VALVE AND HYDRANT LOCATIONS PERMIT, FLUSHING TOWARD THE WORK LOCATION FROM BOTH DIRECTIONS IS RECOMMENDED. FLUSHING SHALL BE STARTED AS SOON AS THE REPAIRS ARE COMPLETED AND SHALL BE CONTINUED UNTIL DISCOLORED WATER IS ELIMINATED.

4.7.4 SLUG CHLORINATION

WHERE PRACTICAL, IN ADDITION TO THE PROCEDURES PREVIOUSLY DESCRIBED, A SECTION OF MAIN IN WHICH THE BREAK IS LOCATED SHALL BE ISOLATED, ALL SERVICE CONNECTIONS SHUT OFF, AND THE SECTION FLUSHED AND CHLORINATED AS DESCRIBED IN SEC. 4.4.4. THE DOSE MAY BE INCREASED TO AS MUCH AS 300 MG/L AND THE CT REDUCED TO AS LITTLE AS 15 MIN. AFTER CHLORINATION, FLUSHING SHALL BE RESUMED AND CONTINUED UNTIL DISCOLORED WATER IS ELIMINATED AND THE CHLORINE CONCENTRATION IN THE WATER EXITING THE MAIN IS NO HIGHER THAN THE PREVAILING WATER IN THE DISTRIBUTION SYSTEM OR THAT WHICH IS ACCEPTABLE FOR DOMESTIC USE.

4.7.5 BACTERIOLOGICAL SAMPLES

BACTERIOLOGICAL SAMPLES SHALL BE TAKEN AFTER REPAIRS ARE COMPLETED TO PROVIDE A RECORD FOR DETERMINING THE PROCEDURE'S EFFECTIVENESS. IF THE DIRECTION OF FLOW IS UNKNOWN, SAMPLES SHALL BE TAKEN ON EACH SIDE OF THE MAIN BREAK. IF POSITIVE BACTERIOLOGICAL SAMPLES ARE RECORDED, THEN THE SITUATION SHALL BE EVALUATED BY THE PURCHASER WHO CAN DETERMINE CORRECTIVE ACTION. DAILY SAMPLING SHALL BE CONTINUED UNTIL TWO CONSECUTIVE NEGATIVE SAMPLES ARE RECORDED.

SOIL EROSION AND SEDIMENTATION CONTROL

THE CONTRACTOR SHALL PROVIDE SOIL EROSION AND SEDIMENTATION CONTROL IN ACCORDANCE WITH THE "PROCEDURES AND STANDARDS FOR SOIL EROSION AND SEDIMENTATION CONTROL IN NORTHEASTERN ILLINOIS" (LATEST EDITION) PREPARED BY THE NORTHEASTERN ILLINOIS EROSION AND SEDIMENTATION CONTROL STEERING COMMITTEE AND THE ILLINOIS URBAN MANUAL PUBLISHED BY THE UNITED STATES DEPARTMENT OF AGRICULTURE - NATURAL RESOURCE CONSERVATION SERVICE FOR THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (LATEST EDITION) AND IN ACCORDANCE WITH THE PLANS.

SOIL STABILIZATION

1. TOPSOIL AND VEGETATIVE COVER - STRIP TOPSOIL AND REMOVE EXISTING VEGETATION. STOCKPILE ON-SITE (FOR REUSE) AT LOCATION DESIGNATED.

2. TEMPORARY SEEDING - TEMPORARY SEEDING SHALL BE PROVIDED WITHIN 15 DAYS TO ANY DISTURBED AREAS THAT ARE SCHEDULED TO REMAIN DENUDED FOR LONGER THAN 60 DAYS.

3. PERMANENT SEEDING - IMMEDIATELY FOLLOWING FINISH GRADING AND TOPSOIL PLACEMENT INSTALL SEEDING OR SOD IN AREAS AS DESIGNATED ON PLANS.

4. PAVED AREAS - INSTALL THE AGGREGATE BASE AS SOON AS POSSIBLE IN THE CONSTRUCTION SEQUENCE TO PROVIDE REQUIRED STABILIZATION.

5. SLOPE PROTECTION - PROTECT SEEDING ON STEEP SLOPES WITH MULCH, EXCELSIOR BLANKET, OR EQUAL.

SEDIMENT CONTROL

1. ADJACENT PROPERTY - PROTECT ADJACENT PROPERTY FROM SEDIMENT DEPOSITION BY PRESERVING A VEGETATED BUFFER STRIP OR BY SEDIMENT BARRIERS OR FILTERS AT THE LOWER PERIMETER OF THE LOT.

2. SEDIMENTATION CONTROL SHALL BE PROVIDED IN ALL AREAS AROUND THE PERIMETER OF ALL STOCKPILE AREAS.

3. STORM SEWER INLET PROTECTION - DURING CONSTRUCTION FILTER SEDIMENT LADEN WATER THROUGH STRAW BALES AND FILTER FABRIC BEFORE IT ENTERS NEWLY CONSTRUCTED STORM SEWER.

4. STRAW BALES SHALL BE INSTALLED AS DITCH CHECKS AND STAKED IN PLACE AT 250 LINEAL FEET MAXIMUM SPACING IN ALL SWALES.

5. CONSTRUCTION ACCESS - CONSTRUCTION TRAFFIC SHALL ENTER AND LEAVE SITE AT A DESIGNATED ACCESS. PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT (MUD) BY RUNOFF OR VEHICLE TRACKING ONTO STATE HIGHWAYS OR LOCAL STREETS. IF NECESSARY, STATE HIGHWAYS OR LOCAL STREETS SHALL BE CLEANED DAILY AT THE END OF EACH WORK DAY OR AS REQUIRED TO KEEP MUD AND/OR OTHER DEBRIS OFF OF ANY HIGHWAY OR STREET.

6. REMOVAL OF CONTROL MEASURES - DISPOSE OF ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED.

3.02 Village Standard Details

Montgomery Standard Details - List

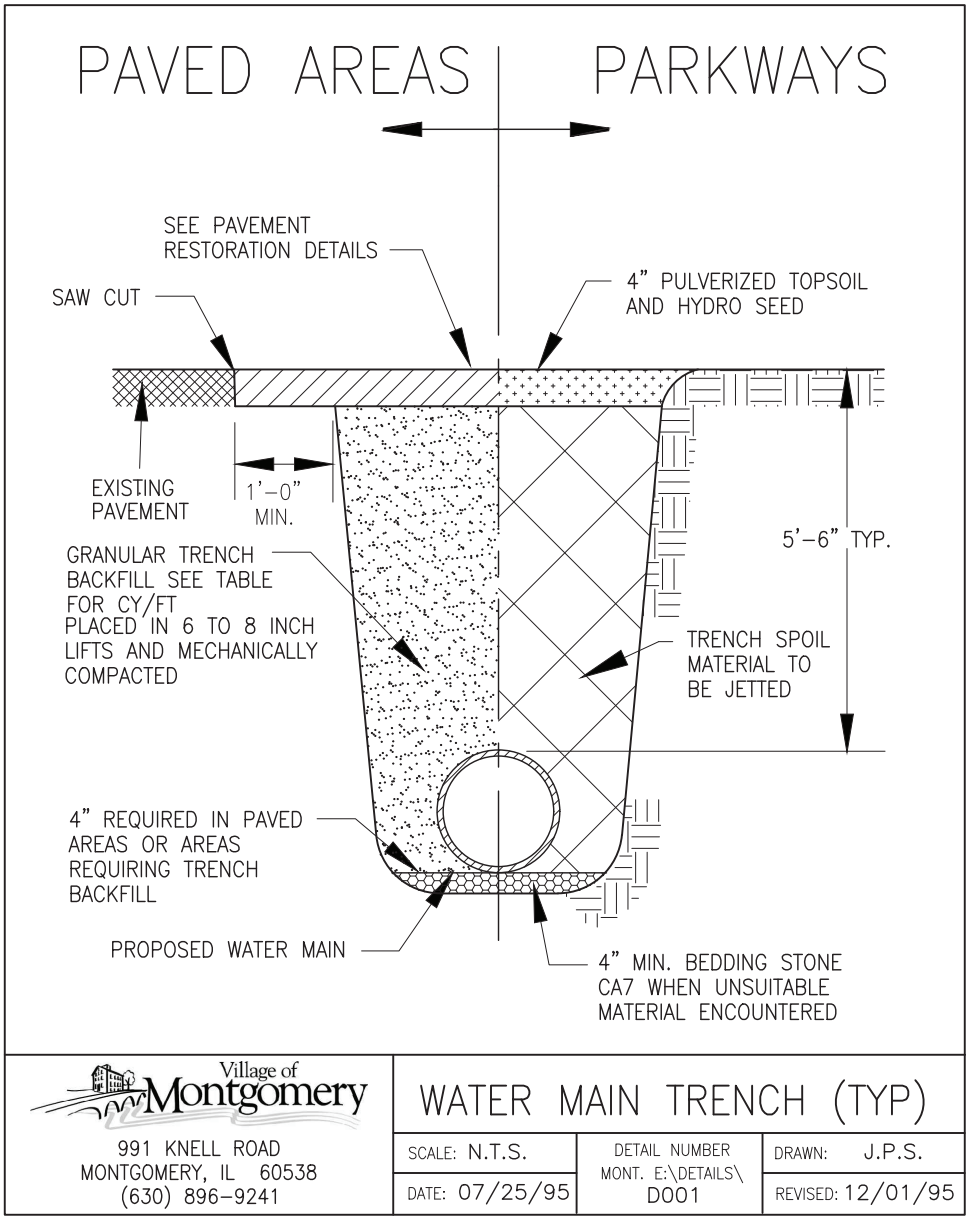
Categories	Category Description
MI	Miscellaneous
RD	Roadways
SA	Sanitary Sewer
SE	Soil Erosion & Sedimentation Control
SI	Signage and Striping
ST	Storm Sewer & Stormwater Management
WA	Water Main

	Category	Standard Detail Number	Detail Title	Current Detail Date	# Of Sheets
1	WA	D001	Water Main Trench (Typ)	12/1/1995	1
2	WA	D006	Valve Vault Installation	3/7/2013	1
3	WA	D007	Hydrant Setting	10/16/2002	1
4	WA	D008	Thrust Block Installation	4/8/2002	1
5	WA	D009	Meter Vault Installation	7/14/2005	1
6	MI	D020	Typical Trench Section For Utility Construction (Local Streets and Low Traffic Areas)	3/7/2013	1
7	MI	D021	Typical Trench Section For Utiltiy Construction (Major Streets and High Traffic Areas)	9/10/2012	1
8	ST	D022	Inlet - 10" Inline Drain	3/28/1995	1
9	ST	D023	Catch Basin Installation	7/14/2005	1
10	MI	D024	Typical Trench Detail	3/7/2013	1
11	ST	D025	Inlet Type A	7/14/2005	1
12	ST	D026	Catch Basin (Special) Installation (Dry Well)	7/14/2005	1
13	RD	D027	Type B-6.12 Concrete Curb & Gutter	3/7/2013	1
14	RD	D028	Expansion Joint Detail & Transition Detail At Inlets	4/8/2002	1
15	MI	D029	Standard Castings	4/8/2002	1
16	ST	D030	Storm Manhole Type A	3/7/2013	1
17	RD	D031	Entrance Detail (TYP.)	4/8/2002	1
18	RD	D032	Table Of Layout Requirements For Access Facilities	12/4/1995	1
19	RD	D044	Typical Transition For New Driveway	3/26/1996	1
20	SE	D045	Seeding Information And Schedule	3/7/2013	1
21	ST	D049	Street Overlay Typical Cross Section	6/19/1996	1
22	RD	D052	6" Barrier Concrete Curb & Gutter	8/2/1996	1
23	RD	D055	Transition For New Driveway (Back Of Curb Previously Removed)	11/1/1996	1
24	RD	D059	Curb Removal (For Depressed Curb)	6/13/1997	1
25	RD	D060	Portland Cement Concrete Sidewalk	3/7/2013	1
26	WA	D071	Water & Sewer Separation Requirements (Vert.)	8/22/2003	1
27	WA	D072	Water & Sewer Separation Requirements (Vert.)	4/8/2002	1
28	WA	D073	Water & Sewer Separation Requirements (Vert.)	4/8/2002	1
29	WA	D074	Water & Sewer Separation Requirements (Horiz.)	4/8/2002	1
30	WA	D075	Water & Sewer Separation Requirements (Vert.)	4/8/2002	1
31	MI	D076	Utility Trench Bituminous Pavement Repair Section	9/10/2012	1
32	RD	D077	Typical "Offset" Cul-De-Sac Geometry - 66' ROW	7/19/2002	1
33	RD	D078	Typical "Offset" Cul-De-Sac Geometry - 66' ROW	7/19/2002	1
34	RD	D079	Typical Cul-De-Sac Geometry - 66' ROW	7/19/2002	1
35	RD	D080	Two-Way Shared Use Bicycle Path Detail	9/10/2012	1
36	RD	D082	Typical Cul-De-Sac Geometry - 66' ROW	7/19/2002	1
37	RD	D083	Typical "Offset" Cul-De-Sac Geometry - 60' ROW	7/19/2002	1
38	RD	D084	Typical "Offset" Cul-De-Sac Geometry - 60' ROW	8/7/2002	1
39	RD	D085	Typical Cul-De-Sac Geometry - 60' ROW	7/19/2002	1
40	RD	D086	Typical Cul-De-Sac Geometry - 60' ROW	7/19/2002	1
41	RD	D087	Street Corner Widneing Geometrics for Radii Less Than Standard	8/8/2002	1
42	RD	D089-A	Street Light Detail	5/19/2016	1
43	RD	D090	Typical "Offset" Cul-De-Sac Local - Industrial	6/17/2003	1
44	RD	D091	Typical "Offset" Cul-De-Sac Local - Industrial (Special)	6/17/2003	1
45	SI	D092	Village Of Montgomery Street Name Signs	2/11/2002	1
46	MI	D093	Single Family Mailbox	8/17/2004	1
47	MI	D094	Duplex & Villa Mailbox	8/17/2004	1
48	MI	D095	Multi-Family Mailbox	8/17/2004	1
49	SI	D097	Village of Montgomery Temporary Street Name Signs	10/8/2004	1
50	MI	D098	Typical Street And R.O.W. Section Minor Collector	5/19/2016	1
51	MI	D099	Typical Street And R.O.W. Section Major Collector	5/19/2016	1
52	MI	D100	Typical Street And R.O.W. Section Collector - Industrial	5/19/2016	1
53	MI	D101	Typical Street And R.O.W. Section Boulevard Minor Collector	5/19/2016	1
54	MI	D102	Typical Street And R.O.W. Section Boulevad Major Collector	5/19/2016	1
55	MI	D103	Typical Street And R.O.W. Section Collector - Commercial Boulevard	5/19/2016	1
56	MI	D104	Typical Street and R.O.W. Section Boulevard Main Subdivision Entrance	5/19/2016	1
57	MI	D105	Typical Street And R.O.W. Section Local - Residential	5/19/2016	1
58	MI	D106	Typical Street And R.O.W. Section Local - Commercial	5/19/2016	1
59	MI	D107	Typical Street And R.O.W. Section Local - Industrial	5/19/2016	1
60	WA	D108	Typcial Service Tap And Connection	4/12/2005	1
61	WA	D109	Typcial Service Tap And Connection In Paved Areas	4/12/2005	1
62	WA	D110	Pressure Connection Detail	6/18/2007	1
63	RD	D111	Typ Curb Transition For New Driveway	9/24/2010	1

Montgomery Standard Details - List

Categories	Category Description
MI	Miscellaneous
RD	Roadways
SA	Sanitary Sewer
SE	Soil Erosion & Sedimentation Control
SI	Signage and Striping
ST	Storm Sewer & Stormwater Management
WA	Water Main

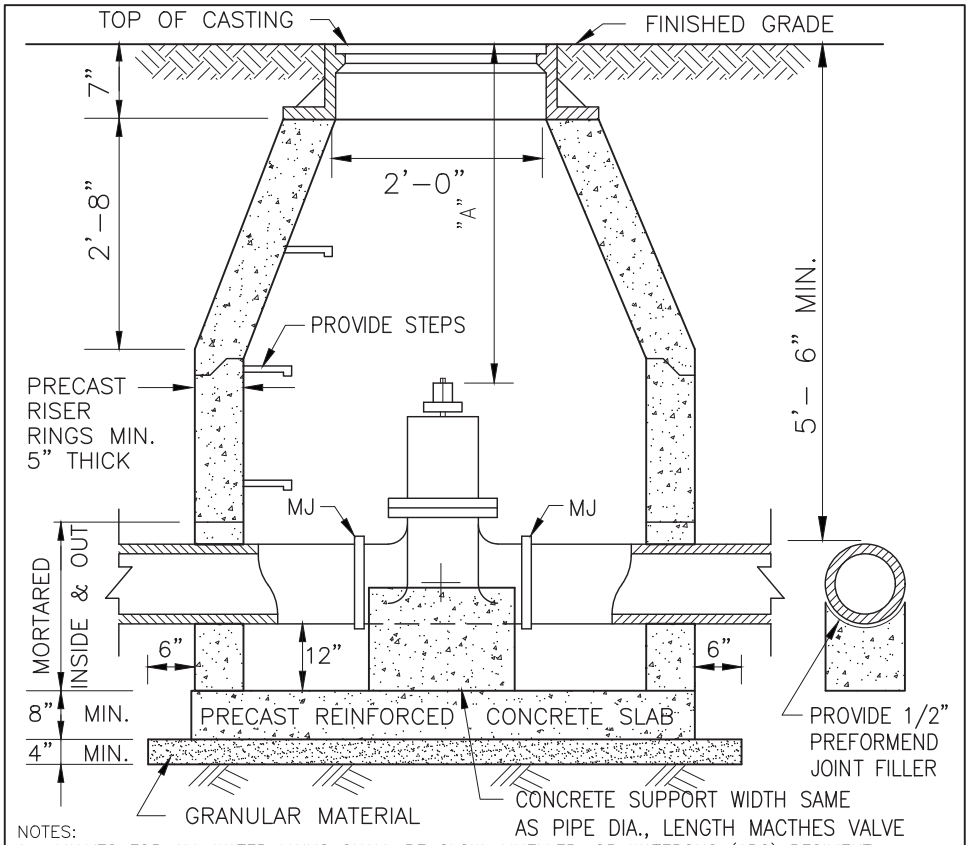
	Category	Standard Detail Number	Detail Title	Current Detail Date	# Of Sheets
64	MI	D112	Typical Street and R.O.W. Section Boulevard Minor Collector with Bike Path	5/19/2016	1
65	MI	D113	Typical Trench Section for Utility Construction (Industrial Streets)	8/23/2012	1
66	MI	D116	Typical Street And R.O.W. Section Local - Industrial	9/22/2016	1
67	MI	D117	Typical Rural Road Cross Section	9/23/2016	1
68	WA	D118	Typical Water Service Connection Schematic	9/24/2018	1



Village of Montgomery
991 KNELL ROAD
MONTGOMERY, IL 60538
(630) 896-9241

WATER MAIN TRENCH (TYP)

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D001	DRAWN: J.P.S.
DATE: 07/25/95		REVISED: 12/01/95



NOTES:

1. VALVES FOR ALL WATER MAINS SHALL BE CLOW, MUELLER, OR WATEROUS (APC) RESILIENT WEDGE GATE VALVES. IN ACCORDANCE WITH AWWA C-509-80 STANDARD.
2. IF "A" IS GREATER THAN 6'-0" PROVIDE AN EXTENSION ON THE OPERATING NUT.
3. VALVE VAULT SHALL HAVE A DIA. OF 60" FOR 10" AND SMALLER VALVES AND 72" FOR 12" AND LARGER VALVES.
4. FRAME AND LID SHALL BE NEENAH R-1713, EAST JORDAN 1050, OR APPROVED EQUAL. "WATER" SHALL BE ON THE LID.
5. A MAXIMUM OF 8" OF ADJUSTING RINGS SHALL BE USED. NO MORE THAN TWO ADJUSTING RINGS ARE ALLOWED. ANY REQUIRED ADJUSTMENT GREATER THAN 12" WILL NECESSITATE THE ADDITION OF A BARREL SECTION.
6. ALL HARDWARE SHALL BE STAINLESS STEEL.

Village of Montgomery
991 KNELL ROAD
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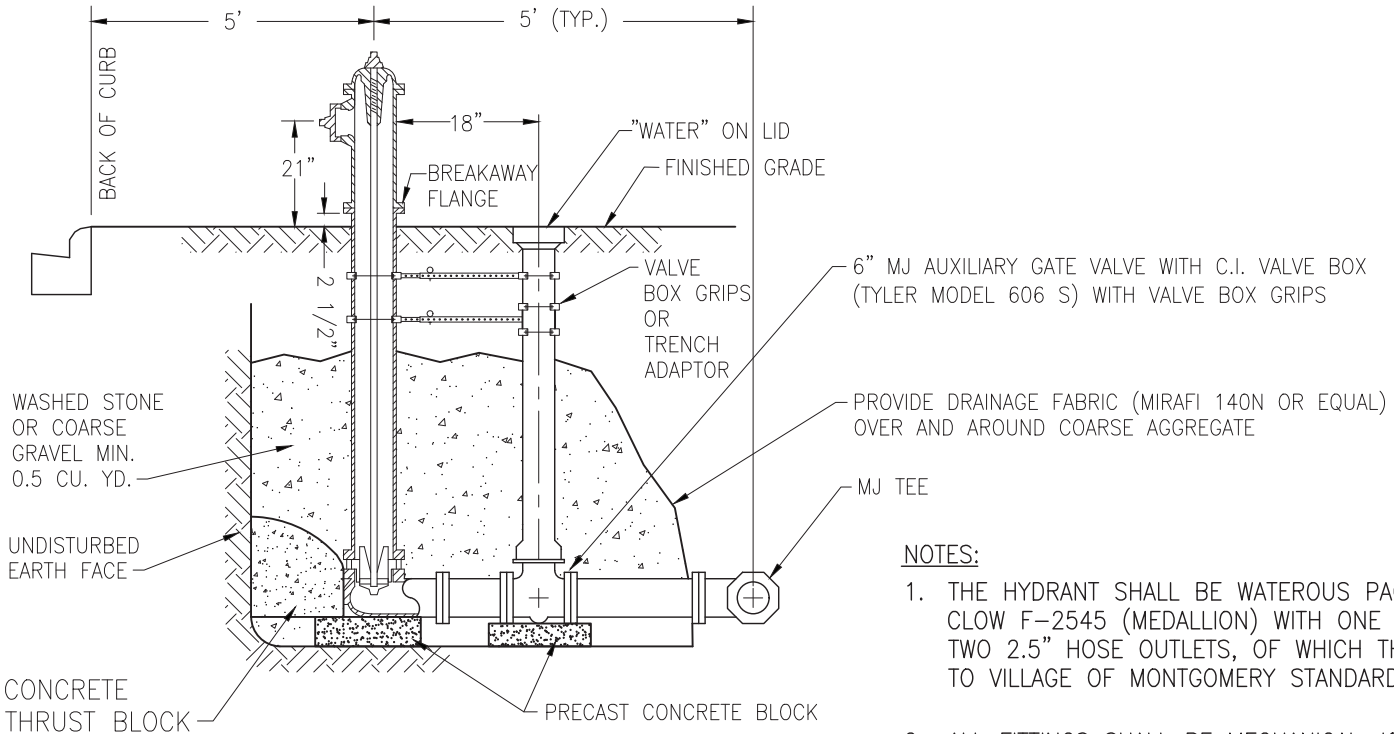
VALVE VAULT INSTALLATION

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D006	DRAWN: J.P.S
DATE: 03/29/95		REVISED: 03/07/13



NOTES:

1. THE HYDRANT SHALL BE WATEROUS PACER MODEL WB–67, CLOW F–2545 (MEDALLION) WITH ONE 4.5" STEAMER NOZZLE AND TWO 2.5" HOSE OUTLETS, OF WHICH THE THREADS CONFORM TO VILLAGE OF MONTGOMERY STANDARDS.
2. ALL FITTINGS SHALL BE MECHANICAL JOINT, INSTALLED WITH RETAINER GLANDS.
3. THE AUXILIARY VALVE SHALL BE RESILIENT WEDGE MANUFACTURED BY CLOW OR WATEROUS (APC). VALVES SHALL BE SAME MANUFACTURER AS HYDRANT.
4. ALL HYDRANTS SHALL BE ONE MODEL THROUGHOUT A DEVELOPMENT.
5. ALL HARDWARE SHALL BE STAINLESS STEEL.

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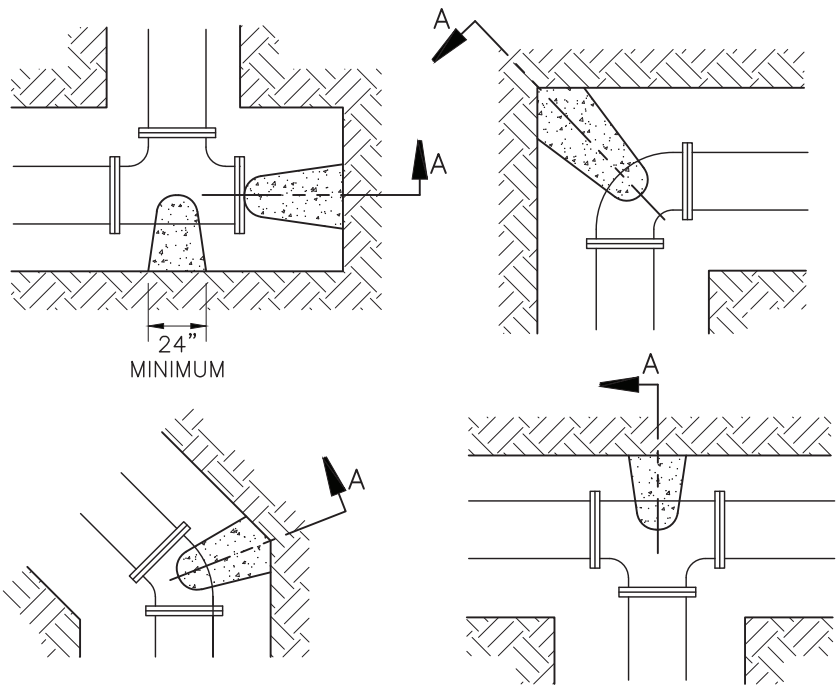
991 KNELL ROAD
MONTGOMERY, IL 60538
(630) 896-9241

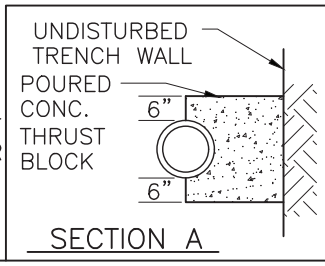
HYDRANT SETTING

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D007	DRAWN: J.P.S
DATE: 03/29/95		REVISED: 10/16/02



NOTE

THRUST BLOCKING TO PREVENT MOVEMENT OF LINES UNDER PRESSURE AT BENDS, TEES, CAPS, VALVES, HYDRANTS, AND AT POINTS SPECIFIED BY THE ENGINEER SHALL BE PRE-CAST CONCRETE THRUST BLOCK, PLACED BETWEEN SOLID GROUND AND FITTING, AND SHALL BE ANCHORED IN SUCH A MANNER THAT PIPE AND FITTING WILL BE ACCESSIBLE FOR REPAIRS. THRUST BLOCK SHALL BE PLACED AT BENDS OF 11 1/4° OR MORE.



SECTION A

Village of Montgomery
991 KNELL ROAD
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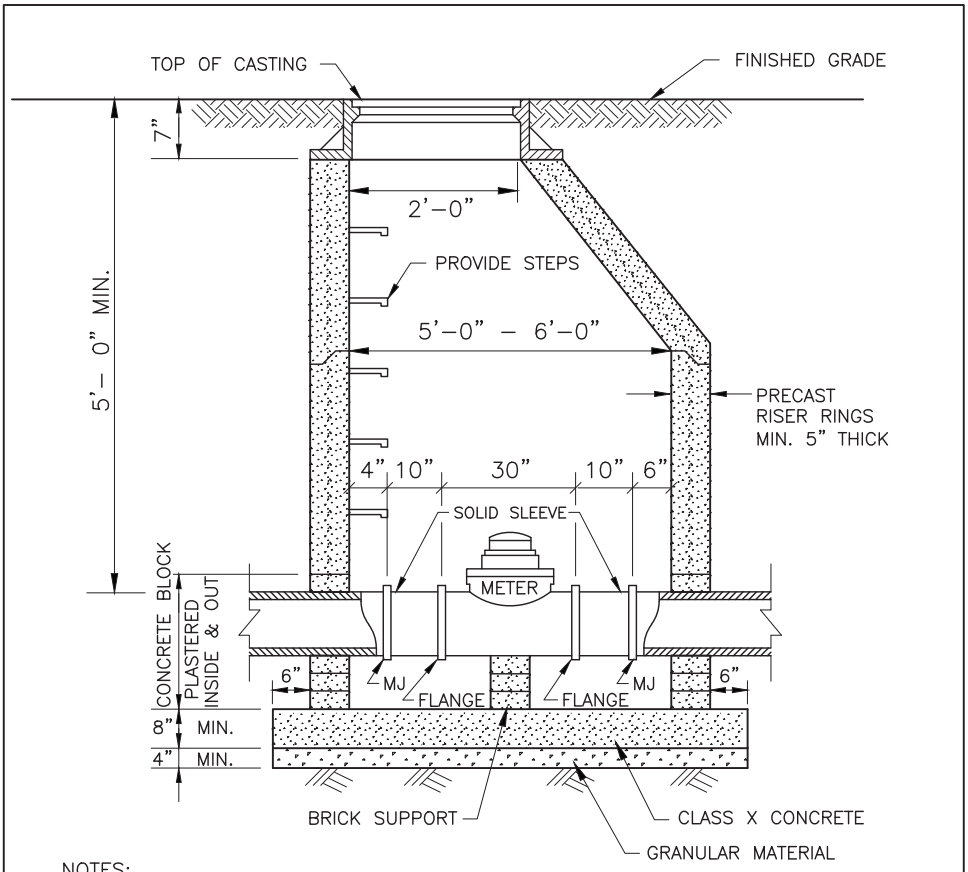
THRUST BLOCK INSTALLATION

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D008	DRAWN: J.P.S
DATE: 01/03/94		REVISED: 04/08/02



NOTES:

FRAME AND LID SHALL BE NEENAH R–1713 OR APPROVED EQUAL, "WATER" SHALL BE ON THE LID.

A MAXIMUM OF 8" OF ADJUSTING RINGS SHALL BE USED. NO MORE THAN TWO ADJUSTING RINGS ARE ALLOWED. ANY REQUIRED ADJUSTMENT GREATER THAN 12" WILL NECESSITATE THE ADDITION OF A BARREL SECTION.

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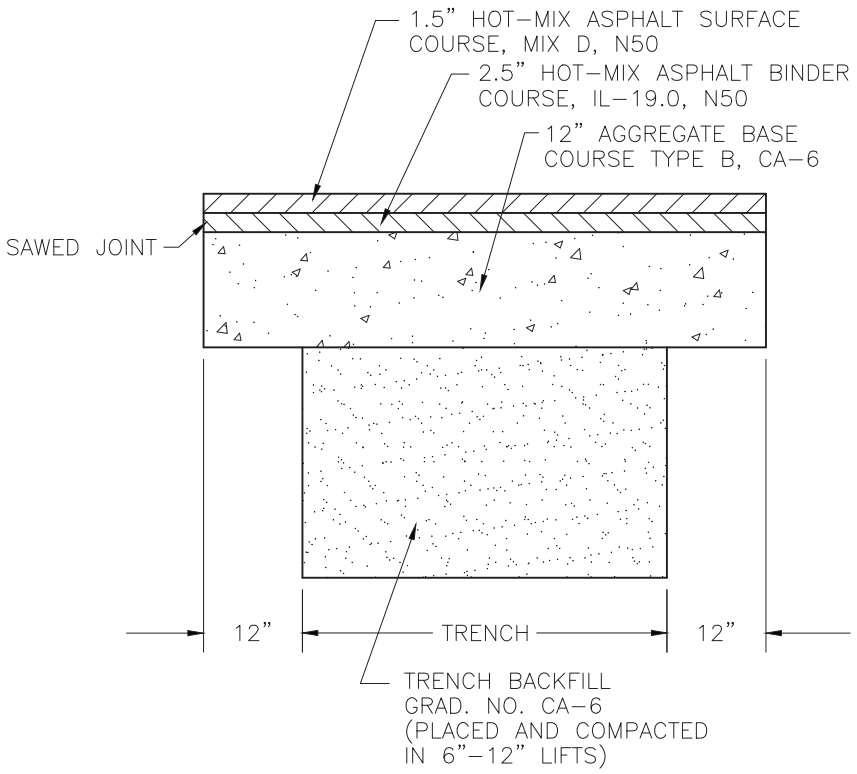
METER VAULT INSTALLATION

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D009	DRAWN: J.P.S
DATE: 1/03/94		REVISED: 7/14/05



NOTE:

PAVEMENT SHALL BE REMOVED OUTSIDE OF THE TRENCH NEAT LINE ONLY AFTER THE TRENCH HAS BEEN BACKFILLED AND CONSOLIDATED. THEN THE EXISTING SURFACE SHALL BE SAWED TO PRESERVE A NEAT LINE FOR THE ENTIRE LENGTH OF TRENCH ON EACH SIDE.

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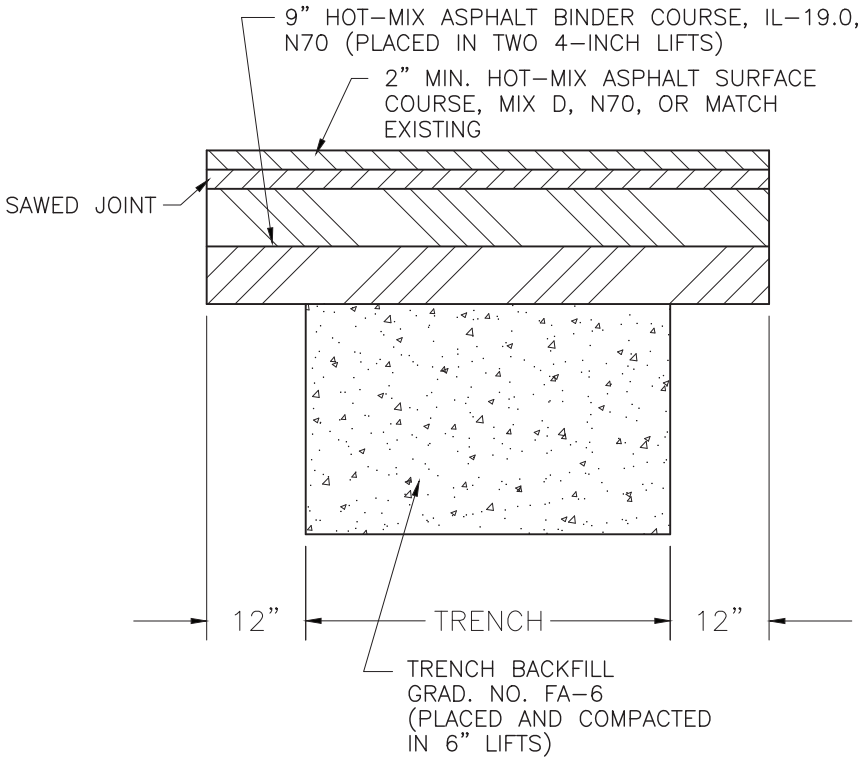
TYPICAL TRENCH SECTION FOR UTILITY CONSTRUCTION (LOCAL STREETS AND LOW TRAFFIC AREAS)			
SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D020	DRAWN: J.P.S	
DATE: 09/01/94		REVISED: 3/7/13	



NOTE:

PAVEMENT SHALL BE REMOVED OUTSIDE OF THE TRENCH NEAT LINE ONLY AFTER THE TRENCH HAS BEEN BACKFILLED AND CONSOLIDATED. THEN THE EXISTING SURFACE SHALL BE SAWED TO PRESERVE A NEAT LINE FOR THE ENTIRE LENGTH OF TRENCH ON EACH SIDE.

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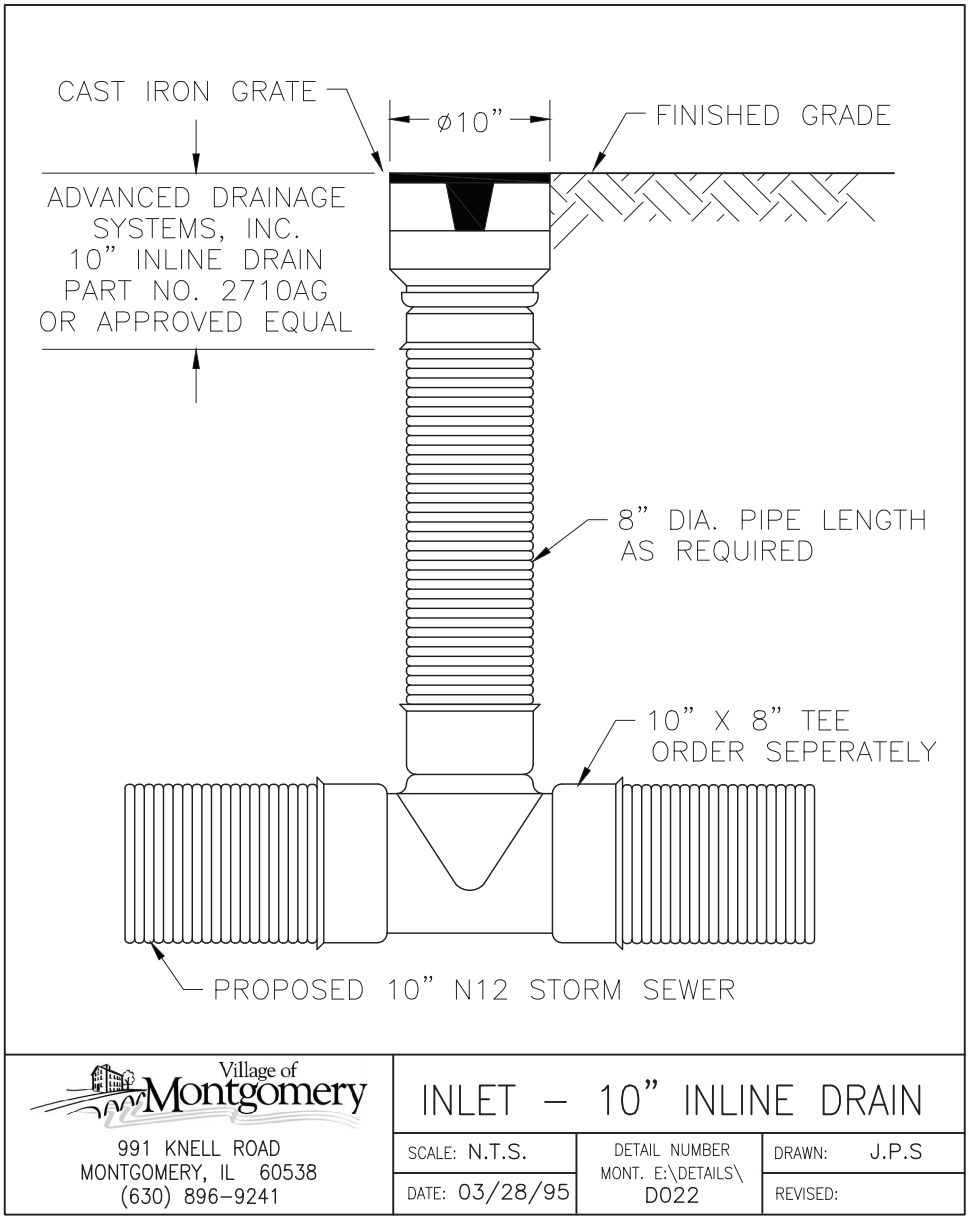
TYPICAL TRENCH SECTION FOR UTILITY CONSTRUCTION (MAJOR STREETS AND HIGH TRAFFIC AREAS)

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D021	DRAWN: J.P.S
DATE: 09/01/94		REVISED: 9/10/12



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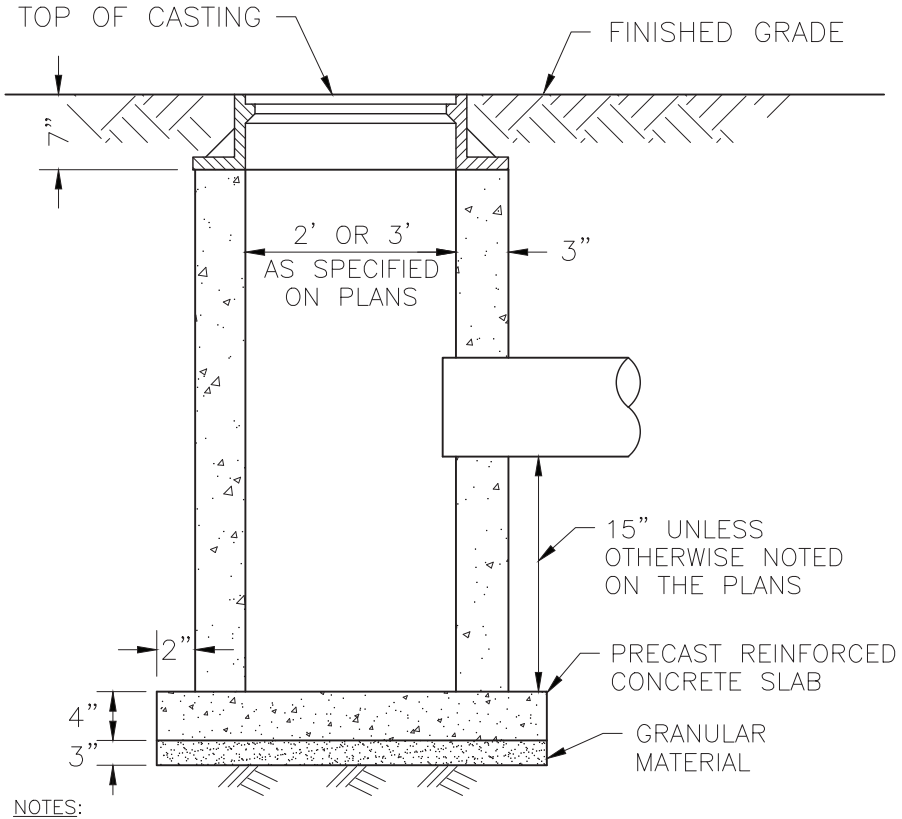
INLET – 10" INLINE DRAIN

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D022	DRAWN: J.P.S
DATE: 03/28/95		REVISED:



NOTES:

1. FRAME AND LID SHALL BE NEENAH R-1713-C, EAST JORDAN 1050-1, OR APPROVED EQUAL. THE LID SHALL BE OPEN GRATE.

2. A MAXIMUM OF 8" OF ADJUSTING RINGS SHALL BE USED. NO MORE THAN TWO ADJUSTING RINGS ARE ALLOWED. ANY REQUIRED ADJUSTMENT GREATER THAN 12" WILL NECESSITATE THE ADDITION OF A BARREL SECTION.

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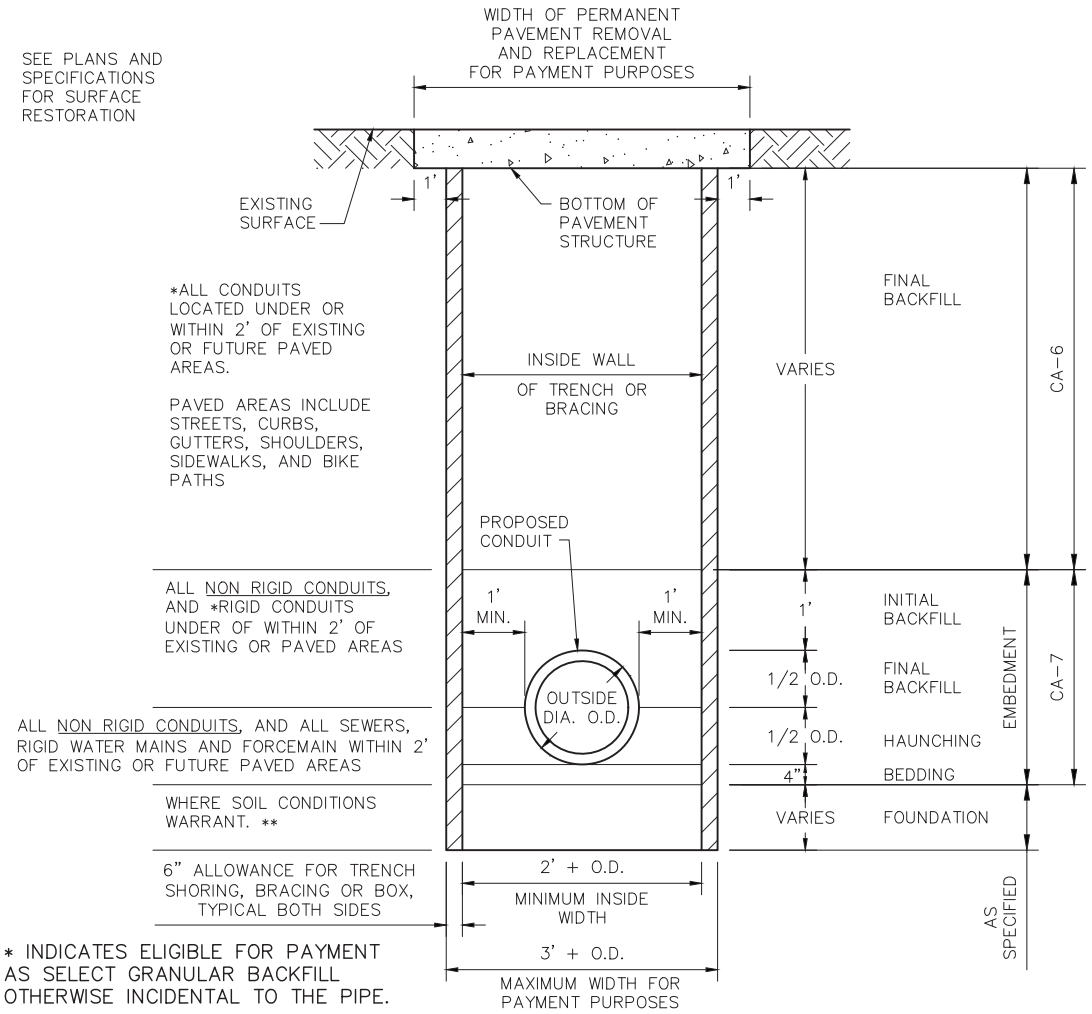
CATCH BASIN INSTALLATION

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D023	DRAWN: J.P.S
DATE: 3/28/95		REVISED: 7/14/05



* INDICATES ELIGIBLE FOR PAYMENT AS SELECT GRANULAR BACKFILL OTHERWISE INCIDENTAL TO THE PIPE.

** INDICATES ELIGIBLE FOR PAYMENT AS SELECT FOUNDATION MATERIAL

NON RIGID CONDUITS ARE DEFINED AS FLEXIBLE THERMOPLASTIC PIPE AND/OR CORRUGATED METAL PIPE.

NOTE: TRENCH BOX SHALL NOT EXTEND BELOW TOP OF PIPE, HOWEVER IT SHALL NOT EXCEED 2 FEET FROM THE BOTTOM OF THE TRENCH.

NOTES:

1. ANY FLARE OR EXCAVATION BEYOND THE LIMITS SPECIFIED SHALL BE BACKFILLED ACCORDINGLY AT THE EXPENSE OF THE CONTRACTOR.

2. THE PROVIDING AND INSTALLATION OF THE GRANULAR BACKFILL FROM HEIGHT SPECIFIED TO 4" BELOW THE BOTTOM OF THE PIPE SHALL BE INCIDENTAL TO THE UNIT COST OF THE PIPE BEING CONSTRUCTED.

3. TRENCH BACKFILL LIMITS SHALL BE DEFINED AS 2' BEHIND CURB AND GUTTERS AND 2' BEYOND AGGREGATE SHOULDERS, SIDEWALKS, BIKE PATHS, OR OTHER PAVED AREAS.

4. THE BOTTOM WIDTH OF THE TRENCH SHALL MEET THE REQUIRED WIDTHS STATED IN SECTION 20-4.05 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).

5. 4" (MIN.) OF GRANULAR BEDDING (COST INCIDENTAL) SHALL BE REQUIRED FOR ALL PIPE TYPES. BELLS SHALL BE NOTCHED IN THE BEDDING STONE TO ENSURE UNIFORM SUPPORT ALONG THE FULL PIPE LENGTH. GRANULAR FOUNDATION, WHERE REQUIRED BY THE ENGINEER, SHALL BE PROVIDED WHERE UNSUITABLE MATERIAL EXISTS. FOUNDATION MATERIAL WILL NOT BE PAID FOR AT LOCATIONS OF OVER-EXCAVATION BY THE CONTRACTOR.

6. CONTRACTOR SHALL MAKE HIS OWN DETERMINATION AS TO THE ACTUAL AMOUNT OF GRANULAR TRENCH BACKFILL REQUIRED. NO ADJUSTMENT TO BID QUANTITY WILL BE ALLOWED UNLESS THERE IS A CHANGE IN THE PLANS.

7. ALL CA-6 TRENCH BACKFILL SHALL BE COMPACTED TO 95% STANDARD PROCTOR IN MAXIMUM 12" LIFTS USING MECHANICAL EQUIPMENT. LIFT SIZE AND COMPACTIVE EFFORT WILL BE ESTABLISHED BASED ON FIELD TESTING..

8. OUTSIDE THE LIMITS FOR TRENCH BACKFILL, (AS DESCRIBED IN NOTE 3) 'NON-STRUCTURAL' FILL MATERIAL SHALL BE MECHANICALLY COMPACTED TO 85% OF THE STANDARD PROCTOR DENSITY.

9 MECHANICAL COMPACTION IS THE ONLY ACCEPTABLE FORM OF BACKFILL COMPACTION; JETTING IS NOT ALLOWED.

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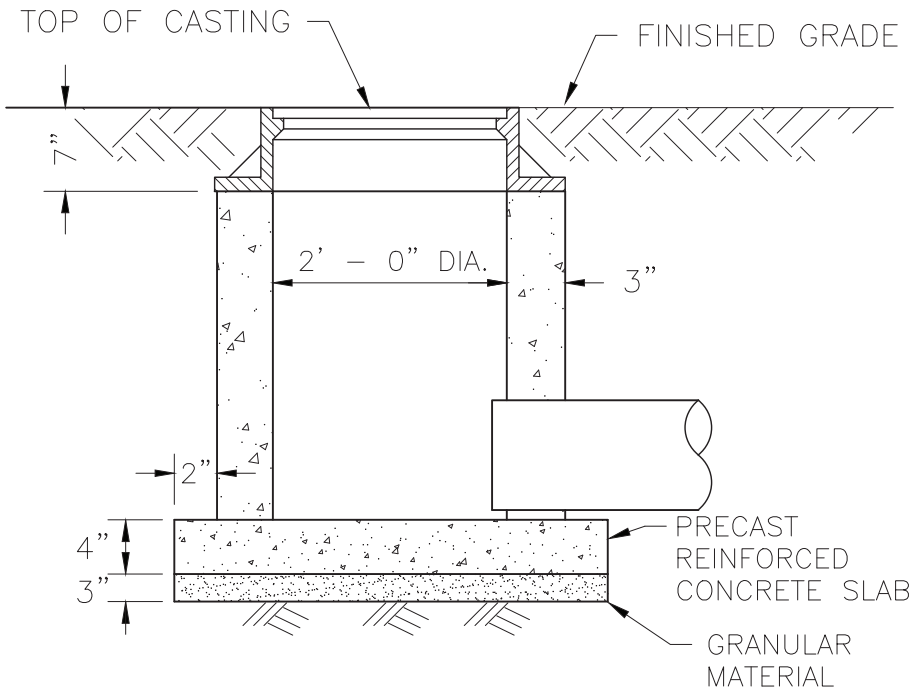
TYPICAL TRENCH DETAIL

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D024	DRAWN: J.P.S
DATE: 04/10/95		REVISED: 03/07/13



NOTES:

1. FRAME AND LID SHALL BE NEENAH R–1713–C, EAST JORDAN 1050–1, OR APPROVED EQUAL. THE LID SHALL BE OPEN GRATE.

2. A MAXIMUM OF 8" OF ADJUSTING RINGS SHALL BE USED. NO MORE THAN TWO ADJUSTING RINGS ARE ALLOWED. ANY REQUIRED ADJUSTMENT GREATER THAN 12" WILL NECESSITATE THE ADDITION OF A BARREL SECTION.

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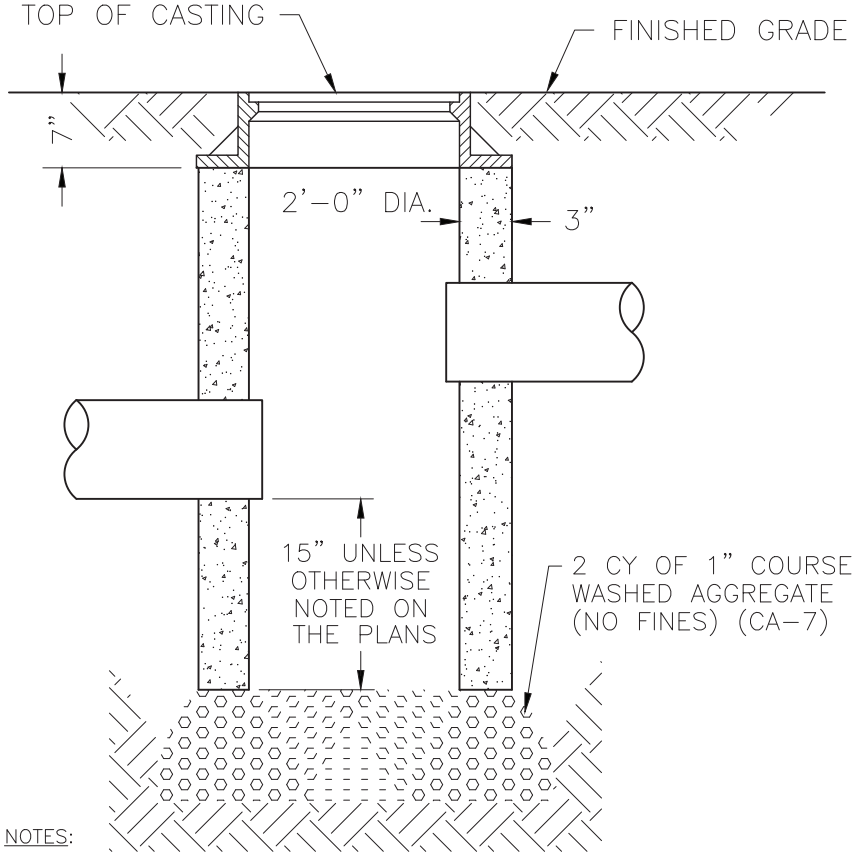
INLET TYPE A

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D025	DRAWN: J.P.S
DATE: 3/30/95		REVISED: 7/14/05



NOTES:

1. FRAME AND LID SHALL BE NEENAH R-1713-C OR APPROVED EQUAL. THE LID SHALL BE TYPE D OPEN GRATE.

2. A MAXIMUM OF 8" OF ADJUSTING RINGS SHALL BE USED. NO MORE THAN TWO ADJUSTING RINGS ARE ALLOWED. ANY REQUIRED ADJUSTMENT GREATER THAN 12" WILL NECESSITATE THE ADDITION OF A BARREL SECTION.

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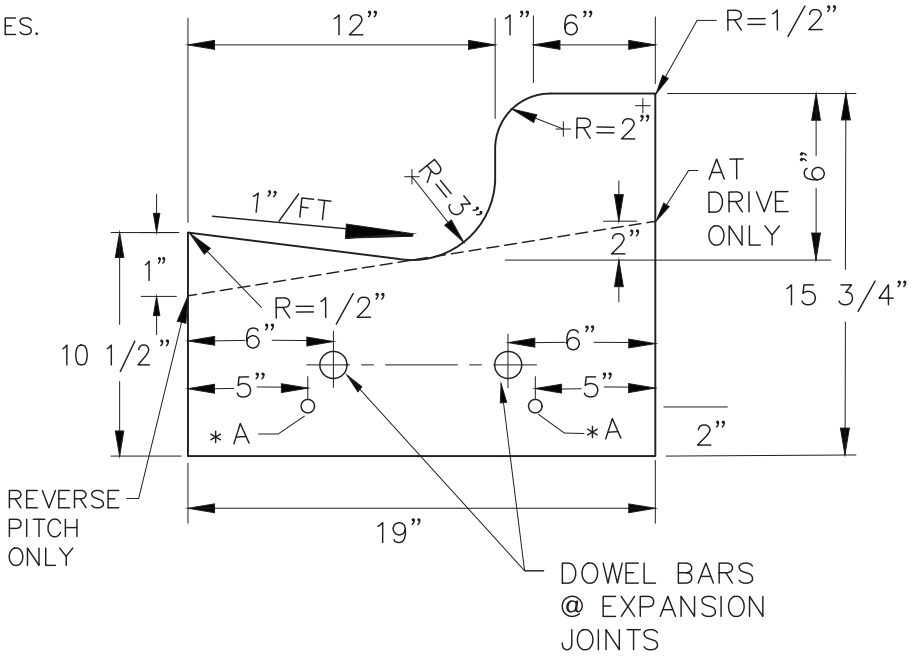
CATCH BASIN (SPECIAL) INSTALLATION (DRY WELL)

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D026	DRAWN: J.P.S
DATE: 4/03/95		REVISED: 7/14/05

1. ALL CONCRETE FOR CURB AND GUTTER SHALL CONFORM TO I.D.O.T. STD. SPEC. FOR ROAD & BRIDGE CONST. SEC. 606 AND BE CLASS "SI" CONCRETE SIX BAG MIX, WITH 5 TO 8% AIR ENTRAINMENT.
2. CONTRACTION JOINTS SHALL BE PLACED AT TEN (10) FOOT (MIN.) O.C. PER 420.05 AND SHALL BE SAW CUT TO A MINIMUM DEPTH OF TWO (2) INCHES FROM FRONT TO BACK WITHIN TWENTY–FOUR (24) HOURS OF CONCRETE PLACEMENT AND SHALL BE SEALED WITH POLYSULFIDE JOINT SEALANT PER ARTICLE 420.12.
3. 2–3/4" X 18" SMOOTH DOWEL BARS WITH CAPS AND WITH ONE END GREASED SHALL BE USED AT ALL EXPANSION JOINTS. 3/4" PREMOLDED EXPANSION JOINTS TO BE PLACED AT ALL P.C.'S, P.T.'S AND AS INDICATED BELOW.
4. EXPANSION JOINTS, AS DETAILED HEREIN, SHALL BE CONSTRUCTED AT A MINIMUM SPACING AS INDICATED BELOW.
5. 2–#4 BARS, 20 FEET IN LENGTH MINIMUM SHALL BE PLACE OVER ALL TRENCHES.
6. ALL CURBS SHALL BE CURED AND PROTECTED TO THE REQUIREMENTS OF ARTICLE 420.18 (WHEN REQUIRED) AND 1020.13 OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. MEMBRANE CURING SHALL BE W.R. MEADOWS CS 309 WITH WHITE FUGITIVE DYE AS PER TYPE II MEMBRANE CURING.
7. ALL CONCRETE CURB AND GUTTER SHALL BE SEALED WITH W. R. MEADOWS TIAH. OR APPROVED EQUAL, IMMEDIATELY AFTER SEVEN (7) DAYS OF CURING AT A RATE OF 300 S.F. PER GALLON UTILIZING A SPRAY APPLICATION. THE SURFACE MUST BE THOROUGHLY CLEAN AND DRY AT APPLICATION.
8. THE MINIMUM LONGITUDINAL CURB SLOPE SHALL BE 0.4%.
9. CUTS IN THE CURB WILL BE MADE FULL DEPTH WITH FULL EXPANSION JOINTS DRILLED AT EACH END AS SHOWN HEREIN.
10. CURB AND GUTTER SHALL HAVE A LIGHT BROOM FINISH.
11. CURB TO BE PLACED ON A 4" (MINIMUM) STONE BASE.
12. ALL WEATHER AND CONCRETE CONDITIONS INCLUDING COLD WEATHER PROTECTION SHALL MEET THE IDOT REQUIREMENTS OF ARTICLE 1020.



*A–20', NO.4 REBAR AT TRENCH CROSSING

TYPICAL EXPANSION JOINT SPACING CURB AND SIDEWALK

POUR TEMP. (DEG. F°)	EXPANSION JOINT (SPACING FT.)
40 MIN.....	70'
45.....	75'
50.....	80'
55.....	90'
60.....	95'
65.....	105'
70.....	115'
75.....	125'
80.....	145'
85.....	160'
90 MAX.....	190'

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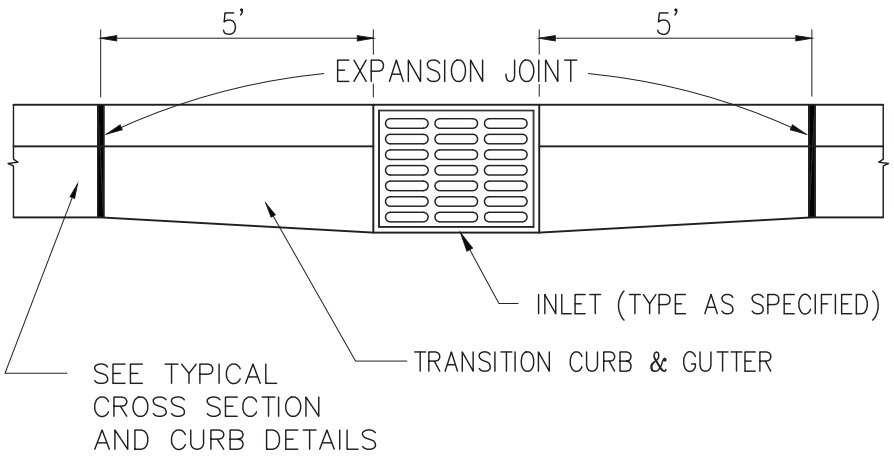
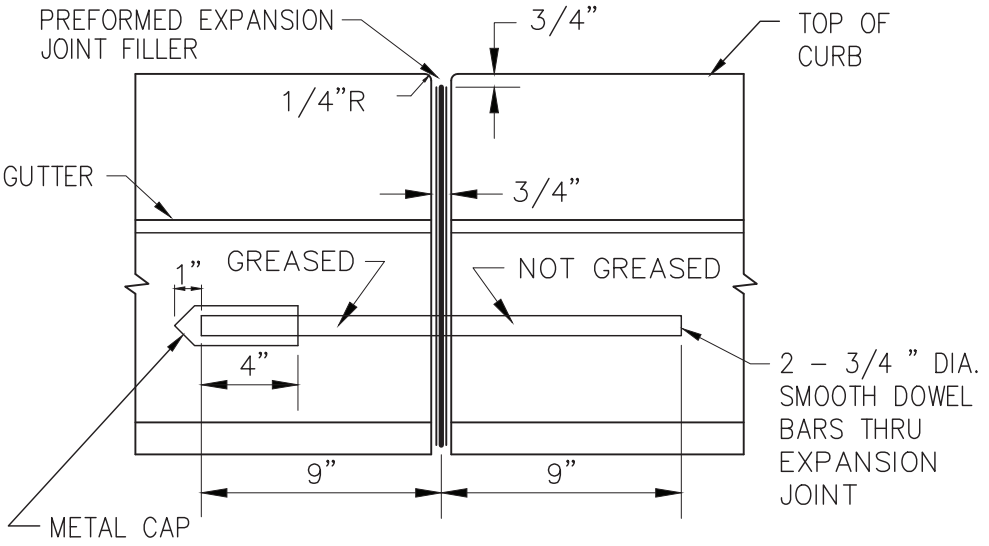
TYPE B–6.12 CONCRETE CURB & GUTTER

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D027	DRAWN: J.P.S
DATE: 09/14/95		REVISED: 03/07/13

CURB & GUTTER
TRANSITION DETAIL AT INLETS



CURB & GUTTER
EXPANSION JOINT DETAIL



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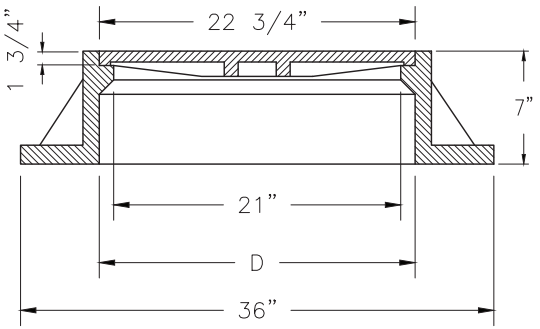
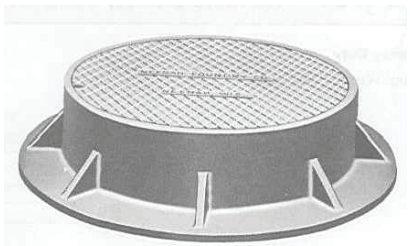
EXPANSION JOINT DETAIL &
TRANSITION DETAIL AT INLETS

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D028	DRAWN: J.P.S
DATE: 04/23/91		REVISED: 04/08/02

Neenah R-1713 Series Manhole Frames, Solid Lids
*Approved East Jordan Alternative 1050

Heavy Duty Specify:
1. Machined or non-rocking bearing surfaces.

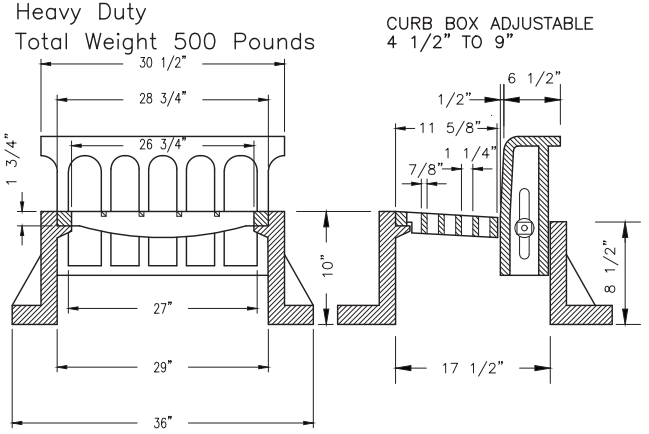


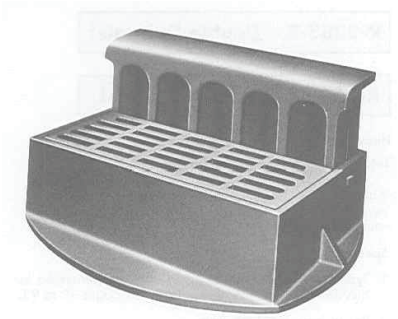


Catalog No.			
Standard Design	Machined Horizontal Vertical Bearing	D	Wt. Lbs.
R-1772	--	25	250*
R-1772-A	R-1772-AVH	25	285
R-1772-B	R-1772-BVH	25 1/4	325
R-1772-C	R-1772-CVH	24 1/2	355

R-3274 Curb Inlet Frame, Grate and Curb Box
*Approved East Jordan Alternative
7010 Back M1 Grate

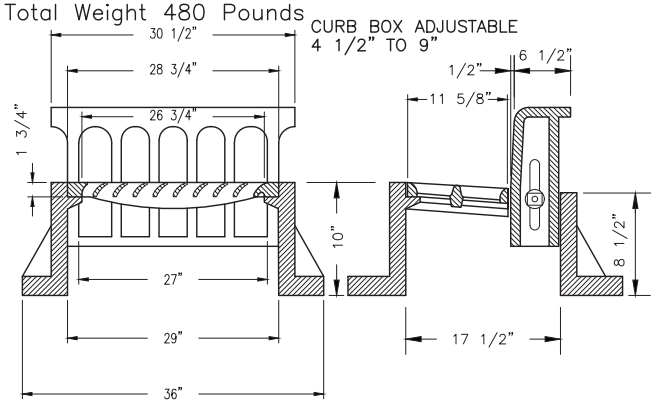
Heavy Duty
Total Weight 500 Pounds

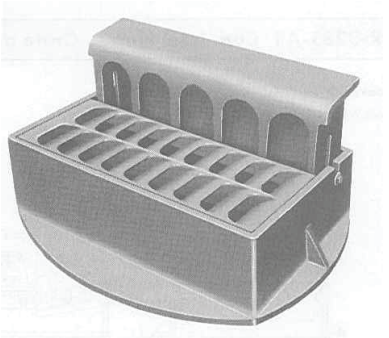




R-3274 Curb Inlet Frame, Grate and Curb Box
*Approved East Jordan Alternative
7010 Back M4 Grate

Heavy Duty
Total Weight 480 Pounds





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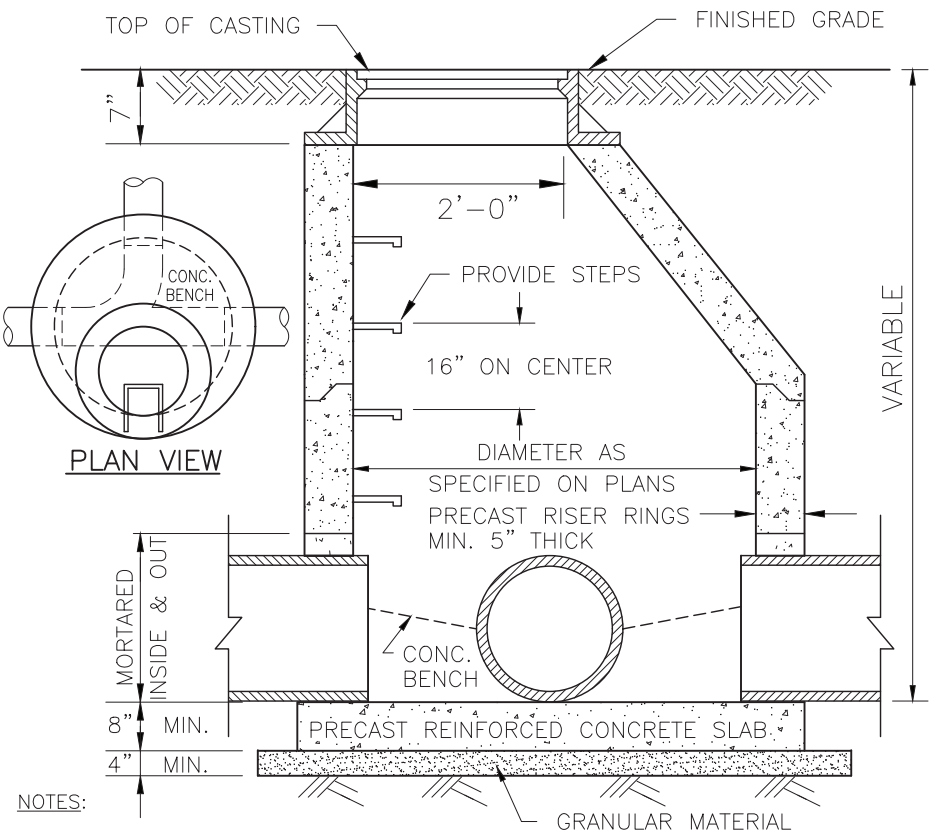
STANDARD CASTINGS

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D029	DRAWN: J.P.S
DATE: 05/22/95		REVISED: 04/08/02



NOTES:

1. FRAME AND LID SHALL BE NEENAH R-1713, EAST JORDAN 1050, OR APPROVED EQUAL. THE LID SHALL BE TYPE D OPEN GRATE OR TYPE B CLOSED LID, "STORM" SHALL BE ON THE LID SEE PLANS FOR SPECIFIC LID..

2. A MAXIMUM OF 8" OF ADJUSTING RINGS SHALL BE USED. NO MORE THAN TWO ADJUSTING RINGS ARE ALLOWED. ANY REQUIRED ADJUSTMENT GREATER THAN 12" WILL NECESSITATE THE ADDITION OF A BARREL SECTION.

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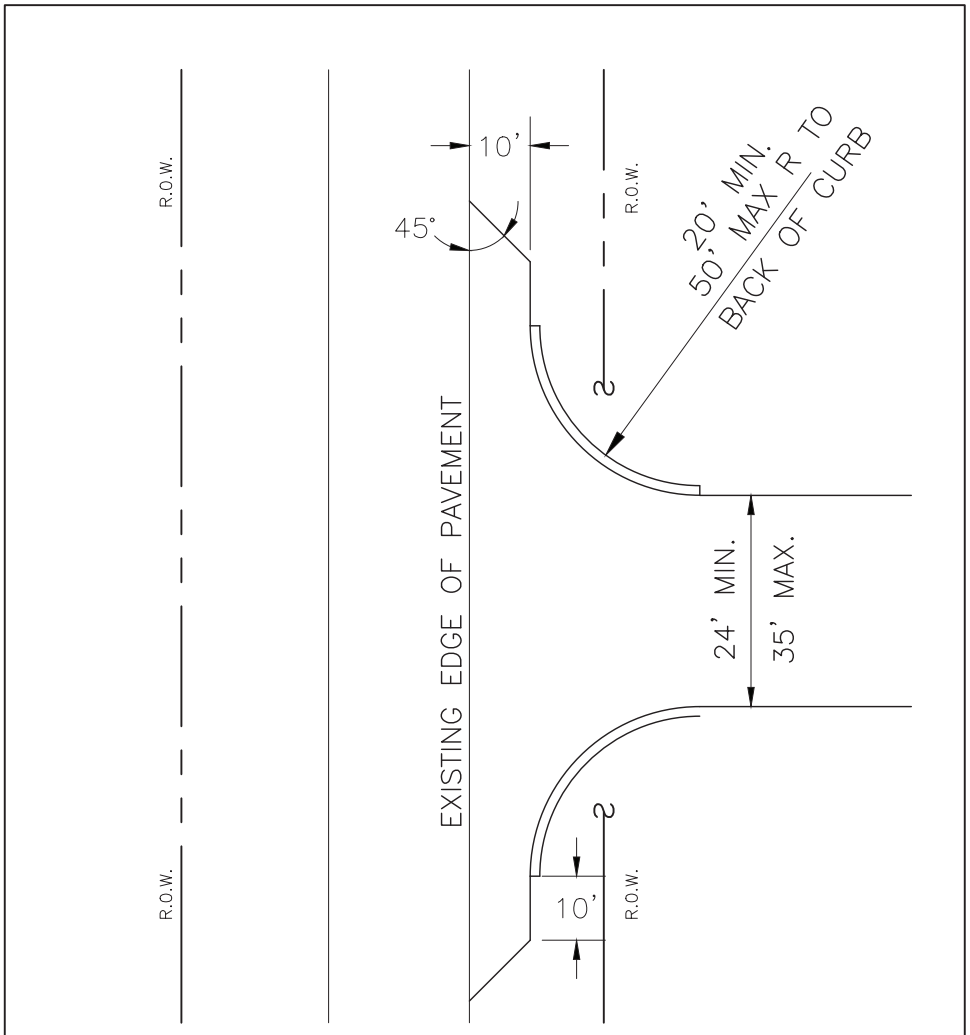
STORM MANHOLE TYPE A

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D030	DRAWN: J.P.S
DATE: 11/28/95		REVISED: 03/07/13



Village of Montgomery

991 KNELL ROAD
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ENTRANCE DETAIL (TYP.)

SCALE: 1" = 30'	DETAIL NUMBER MONT. E:\DETAILS\ D031	DRAWN: J.P.S
DATE: 04/13/94		REVISED: 04/08/02

	Non–Commercial Rural	Non–Commercial Urban	Commercial Rural	Commercial Urban	High–Volume Commercial	Streets And Sideroads
WIDTH OF DRIVE (At Property Line or termination Radii)	12' Min., 24' Max.		14' Min., 24' Max. 1–Way Operation, 24' Min., 35' Max. 2–Way Operation		2 @ 24' Max. w/median or 35' Max. w/o median	30' Min. (Urban) 24' Min. (Rural)
RADII OF FLARE	10' Min. 40' Max.	5' Min. 25' Max.	20' Min. 50' Max.	15' Min. 40' Max.	25' Min., 60° Max. 3–Centered Curve, or other compound curve.	
ANGLE OF DRIVE	45°–90° for 1–Way Operation 60°–90° for 2–Way Operation				45°–90° for 1–way Operation. 60° Min., 90° Desirable for 2–way Operation	
ISLAND AREA	——		10' Min @ R.O.W.	6' Min @ R.O.W.	4'–18' Wide Curbed Median	
			Defined by edges of highway and driveways. A 10' Min. radius may be used for 1–Way drives.			
DISTANCE FROM PROPERTY LINE	0' Min.	0' Min.	0' Min.	3' Min.	10' Min.	——
DISTANCE FROM ADJACENT ROAD OR STREET	50' Min.*	30' Min.*	50' Min.*	30' Min.*	100' Min.*	——
	5' Min. from Beginning of Driveway Flare to Extension of Adjacent Road R.O.W. **					
DISTANCE BETWEEN DRIVES	——		0' Min.		440' Min. 660' Desirable	

* From edge of adjacent road or street to beginning of driveway flare.
** Measured along a line parallel to but not greater than 5 feet from the edge of the pavement.
TAKEN FROM THE I.D.O.T. MANUAL FOR ACCESS TO STATE HIGHWAYS.

Village of Montgomery
991 KNELL ROAD
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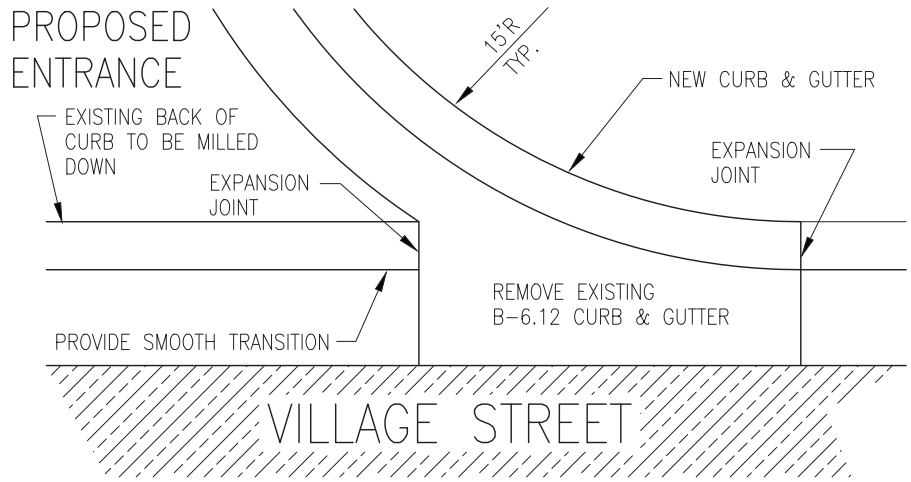
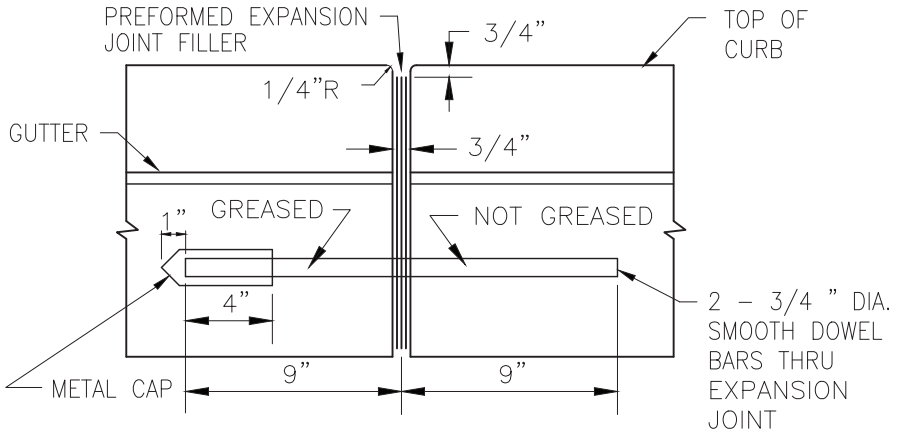
TABLE OF LAYOUT REQUIREMENTS FOR ACCESS FACILITIES

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D032	DRAWN: M.E.R.
DATE: 08/17/95		REVISED: 12/04/95



NOTE: MAINTAIN EXISTING FLOW LINE



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TYPICAL TRANSITION FOR NEW DRIVEWAY

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D044	DRAWN: J.P.S.
DATE: 12/15/95		REVISED: 3/26/96

R.O.W. & REMAINING GRASSED AREA:	IDOT CLASS 1 SEEDING MIXTURE
PERMANENT SEEDING MIXTURE –	100 LBS./AC. KENTUCKY BLUEGRASS
	60 LBS./AC. PERENNIAL RYEGRASS
	40 LBS./AC. CREEPING RED FESCUE
TEMPORARY SEEDING MIXTURE –	150 LBS./AC. RYE OR WHEAT
	100 LBS./AC. OATS
GRASSED WATERWAY AREA:	CLASS 5 SEEDING MIXTURE
PERMANENT SEEDING MIXTURE –	150 LBS./AC. KENTUCKY BLUEGRASS
	150 LBS./AC. SMOOTH BROME GRASS
TEMPORARY SEEDING MIXTURE –	150 LBS./AC. RYE OR WHEAT
	100 LBS./AC. OATS

SEEDING SCHEDULE	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
PERMANENT SEEDING MIXTURE												
NONIRRIGATED				■	■	■			■	■		
IRRIGATED				■	■	■	■	■	■	■		
DORMANT (DOUBLE RATE)	■	■	■								■	■
TEMPORARY SEEDING MIXTURE												
RYE OR WHEAT							■	■	■			
OATS				■	■	■						

FERTILIZER MIXTURE FOR PROPOSED SEEDING AREAS

NITROGEN	(N)	90 LBS./AC.
PHOSPHORUS	(P)	90 LBS./AC.
POTASSIUM	(K)	90 LBS./AC.

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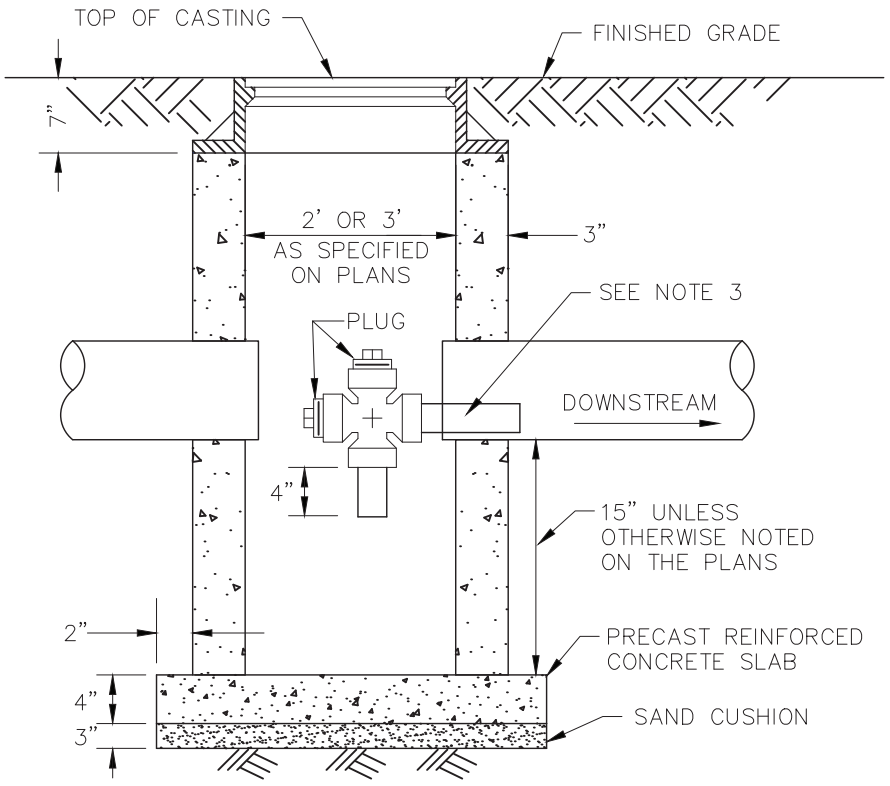
SEEDING INFORMATION AND SCHEDULE

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D045	DRAWN: J.P.S
DATE: 2/14/90		REVISED: 03/07/13



NOTES

1. FRAME AND LID SHALL BE NEENAH R-1772-C OR APPROVED EQUAL. THE LID SHALL BE OPEN GRATE.
2. A MAXIMUM OF 12" OF ADJUSTING RINGS SHALL BE USED.
3. MOTAR RESTRICTOR PIPE INTO OUTLET PIPE. THE RESTRICTOR AND CROSS ASSEMBLY SHALL BE THE SIZE CALLED OUT ON THE PLANS.

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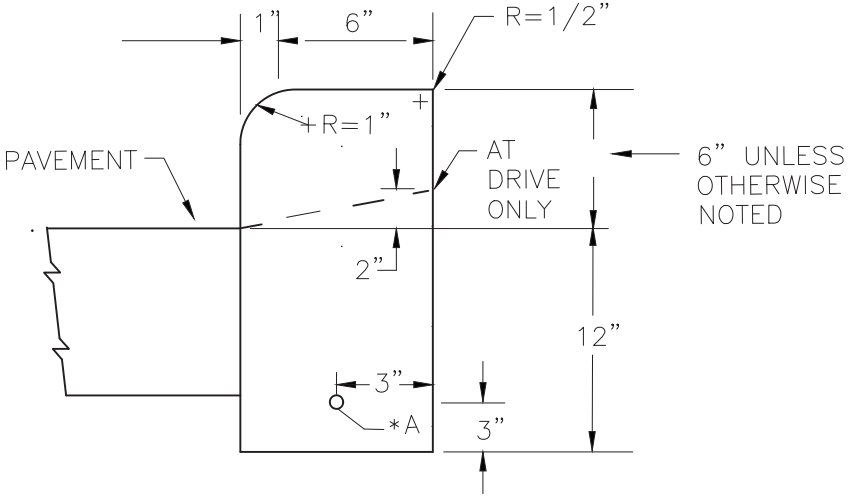
STREET OVERLAY
TYPICAL CROSS SECTION

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D049	DRAWN: J.P.S.
DATE: 6/19/96		REVISED:

1. ALL CONCRETE FOR CURB AND GUTTER SHALL CONFORM TO I.D.O.T. STD. SPEC. FOR ROAD & BRIDGE CONST. SEC. 606 AND BE CLASS "SI" CONCRETE SIX BAG MIX.
2. CONTRACTION JOINTS SHALL BE PLACED AT TEN (10) FOOT (MIN.) O.C. AND SHALL BE SAW CUT TO A MINIMUM DEPTH OF TWO (2) INCHES FROM FRONT TO BACK WITHIN TWENTY–FOUR (24) HOURS OF CONCRETE PLACEMENT.
3. EXPANSION JOINTS, AS DETAILED HEREIN, SHALL BE CONSTRUCTED AT A MINIMUM SPACING AS INDICATED BELOW.
4. 1–#4 BAR, 20 FEET IN LENGTH MINIMUM SHALL BE PLACE OVER ALL TRENCHES.
5. ALL CURBS SHALL BE CURED AND PROTECTED TO THE REQUIREMENTS OF ARTICLE 420.21 OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST ADDITION. MEMBRANE CURING SHALL BE W.R. MEADOWS CS 309 WITH WHITE FUGITIVE DYE AS PER TYPE II MEMBRANE CURING.
6. ALL CONCRETE CURB AND GUTTER SHALL BE SEALED WITH W. R. MEADOWS TIAH. OR APPROVED EQUAL, IMMEDIATELY AFTER SEVEN (7) DAYS OF CURING AT A RATE OF 300 S.F. PER GALLON UTILIZING A SPRAY APPLICATION. THE SURFACE MUST BE THOROUGHLY CLEAN AND DRY AT APPLICATION.
7. THE MINIMUM LONGITUDINAL CURB SLOPE SHALL BE 0.4%.
8. CUTS IN THE CURB WILL BE MADE FULL DEPTH WITH FULL EXPANSION JOINTS DRILLED AT EACH END AS SHOWN HEREIN.
9. CURB AND GUTTER SHALL HAVE A LIGHT BROOM FINISH.



*A–20', NO.4 REBAR AT TRENCH CROSSING

TYPICAL EXPANSION JOINT SPACING CURB AND SIDEWALK

POUR TEMP. (DEG. F°)	EXPANSION JOINT (SPACING FT.)
40 MIN.....	70'
45.....	75'
50.....	80'
55.....	90'
60.....	95'
65.....	105'
70.....	115'
75.....	125'
80.....	145'
85.....	160'
90 MAX.....	190'

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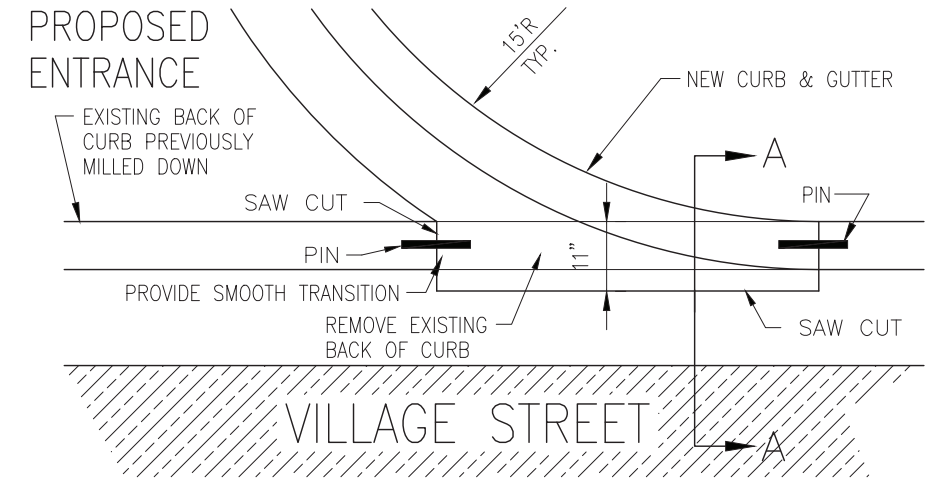
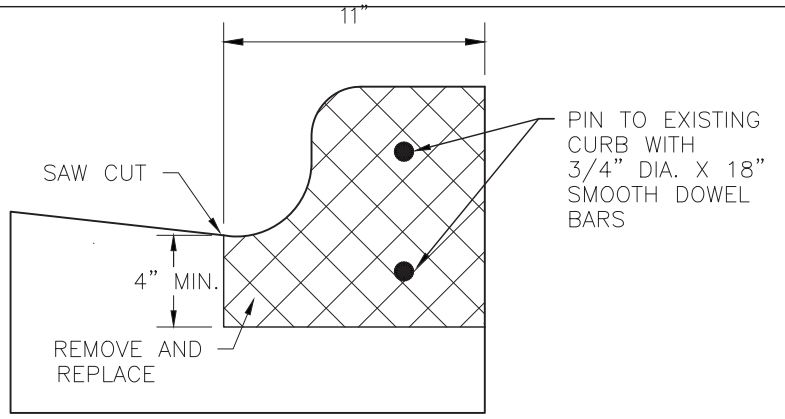
6" BARRIER CONCRETE CURB & GUTTER

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D052	DRAWN: J.P.S
DATE: 8/02/96		REVISED:



NOTE: MAINTAIN EXISTING FLOW LINE



SECTION A–A

Village of Montgomery
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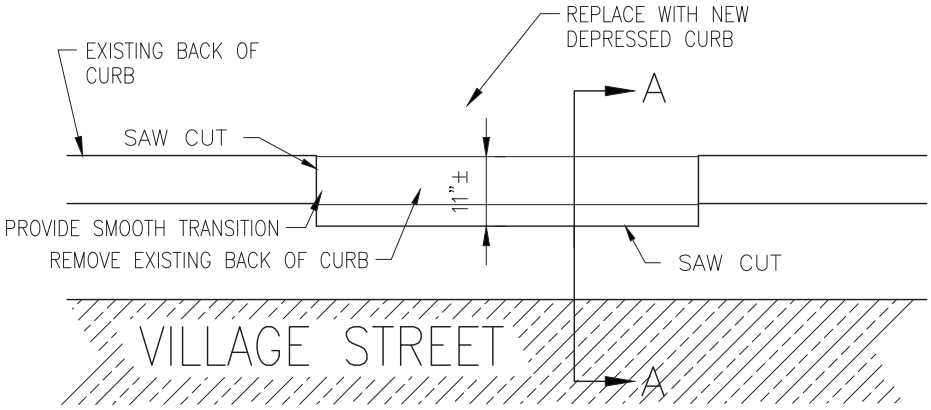
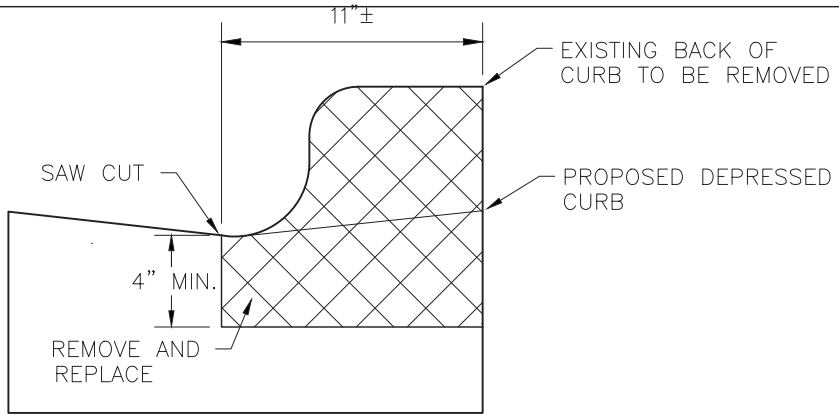
TRANSITION FOR NEW DRIVEWAY (BACK OF CURB PREVIOUSLY REMOVED)

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D055	DRAWN: J.P.S.
DATE: 11/01/96		REVISED:





SECTION A–A

Village of Montgomery
891 KNELL ROAD
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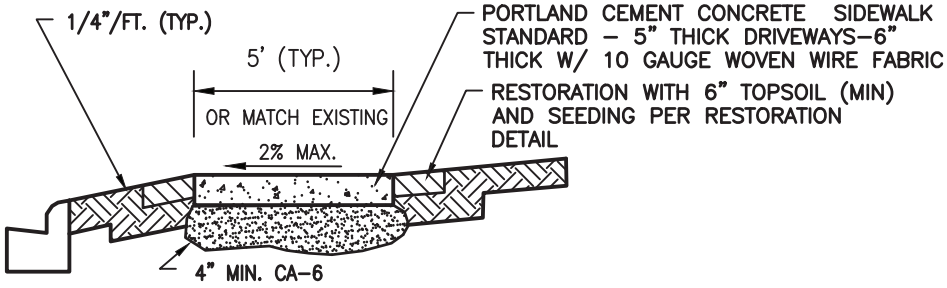
CURB REMOVAL (FOR DEPRESSED CURB)

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D059	DRAWN: J.P.S.
DATE: 06/13/97		REVISED:



TYPICAL CROSS–SECTION

NOTES:

1. CONCRETE SHALL BE CLASS SI, A MINIMUM OF SIX BAG MIX WITH A 5 TO 8% AIR ENTRAINMENT AND MEET THE REQUIREMENTS OF ARTICLE 1020 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
2. THE WIDTH OF THE SIDEWALK SHALL BE 5'–0" OR MATCH THE ABUTTING SIDEWALK, AS SHOWN ON THE PLANS OR AS DIRECTED BY THE VILLAGE ENGINEER.
3. THE NEW SIDEWALK SHALL HAVE CONTRACTION JOINTS EVERY 5' (1" DEEP MINIMUM DEPTH).
4. THE NEW SIDEWALK SHALL HAVE 3/4" THICK FULL DEPTH PREFORMED EXPANSION JOINT FILLER INSERTED AT INTERVALS DESIGNATED ON THE ENCLOSED TABLE. EXPANSION JOINT FILLER SHALL ALSO BE PLACED WHERE THE NEW SIDEWALK ABUTS EXISTING SIDEWALKS, DRIVEWAY PAVEMENT, BITUMINOUS AND CONCRETE CURBS, AT LOCATIONS SHOWN ON THE PLANS, AND AS DIRECTED BY THE VILLAGE ENGINEER.

TYPICAL EXPANSION JOINT SPACING CURB AND SIDEWALK

POUR TEMP. (DEG. F)	EXPANSION JOINT (SPACING FT.)
40 MIN.	70'
45	75'
50	80'
55	90'
60	95'
65	105'
70	115'
75	125'
80	145'
85	160'
90 MAX.	190'

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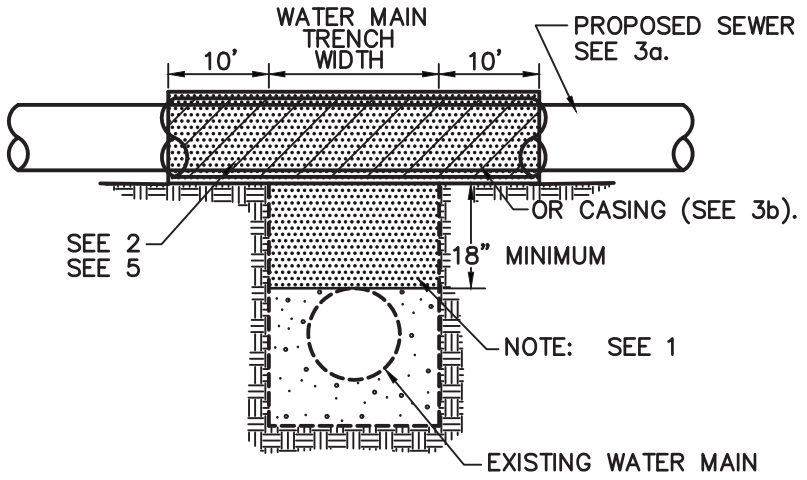
PORTLAND CEMENT CONCRETE SIDEWALK

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D060	DRAWN: J.P.S
DATE: 07/11/97		REVISED: 03/07/13

Existing water main <u>below</u> proposed sewer line <u>with</u> 18" minimum separation.

NOTE: CLASS IV MATERIAL TO BE COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY.



GUIDELINES

1. If Select Granular Backfill exists; remove within width of Proposed Sewer trench and replace with Select Excavated Material (Class IV) and compact.
2. Omit Select Granular Cradle and Granular Backfill to one (1) foot over top of pipe and use Select Excavated Material (Class IV) and compact for 10 feet on either side of water main.
3. a. Construct 10 feet of Proposed Sewer of Water Main material and pressure test, <u>or</u>;
   b. Use 10 feet of casing for Proposed Sewer and Seal ends of casing.
4. Point loads shall not be allowed between sewer or sewer casing and water main.
5. Provide adequate support for Existing Water Main to prevent damage due to settlement of sewer trench.

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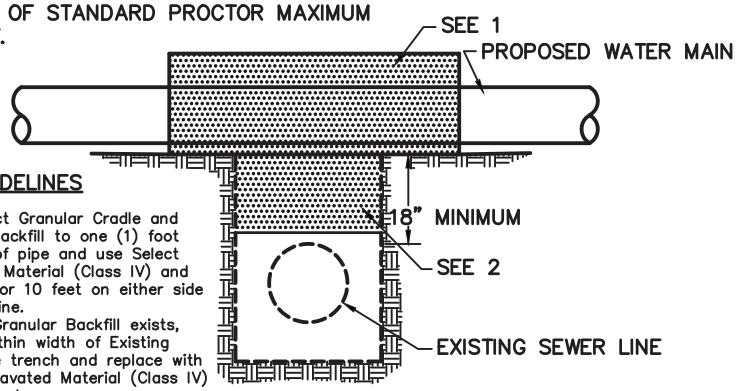
WATER & SEWER SEPARATION REQUIREMENTS (VERT.)

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D071	DRAWN: WCP
DATE: 04/08/02		REVISED: 08/22/03

Proposed water main **above** **existing** sewer line **with** 18" minimum separation.

NOTE: CLASS IV MATERIAL SHALL BE COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY.

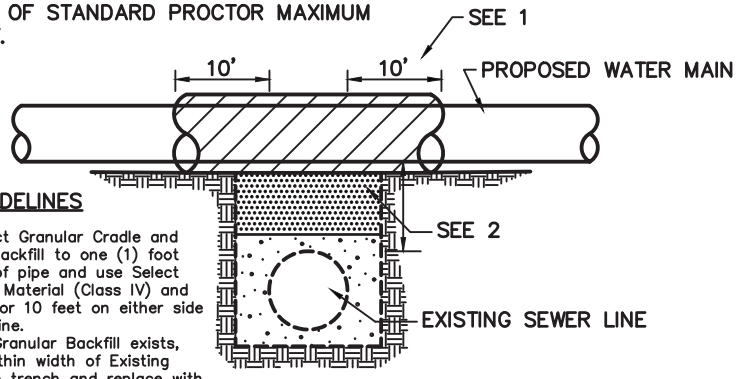


GUIDELINES

1. Omit Select Granular Cradle and Granular Backfill to one (1) foot over top of pipe and use Select Excavated Material (Class IV) and compact for 10 feet on either side of sewer line.
2. If Select Granular Backfill exists, remove within width of Existing Sewer Line trench and replace with Select Excavated Material (Class IV) and compact.

Proposed water main **above** **existing** sewer line with **less** **than** 18" separation.

NOTE: CLASS IV MATERIAL SHALL BE COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY.



GUIDELINES

1. Omit Select Granular Cradle and Granular Backfill to one (1) foot over top of pipe and use Select Excavated Material (Class IV) and compact for 10 feet on either side of sewer line.
2. If Select Granular Backfill exists, remove within width of Existing Sewer Line trench and replace with Select Excavated Material (Class IV) and compact.
3. Use a casing for proposed Water Main and seal ends of casing
4. Point loads shall not be allowed between water main or water main casing and sewer.

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WATER & SEWER SEPARATION REQUIREMENTS (VERT.)

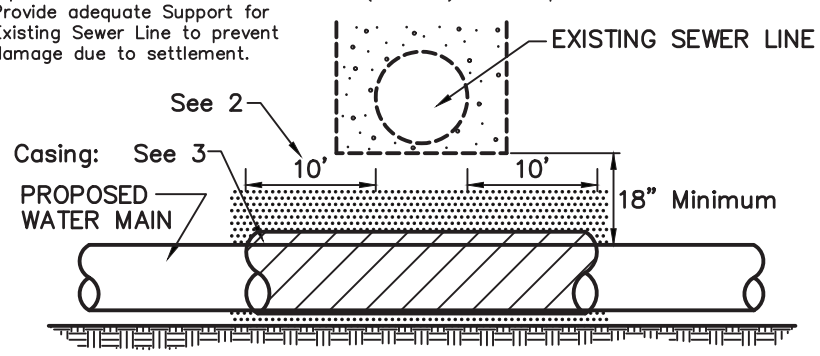
SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D072	DRAWN: WCP
DATE: 4/08/02		REVISED:

Proposed water main below existing sewer line with 18" minimum separation.

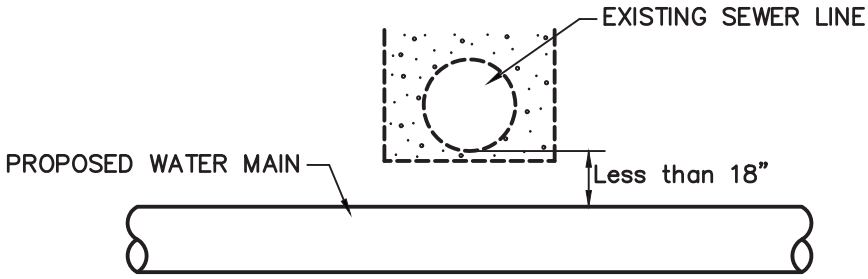
GUIDELINES

NOTE: CLASS IV MATERIAL SHALL BE COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY.

1. Omit Select Granular Cradle and Granular Backfill to one (1) foot over top of pipe and use Select Excavated Material (Class IV) and compact for 10 feet on either side of sewer line.
2. If Select Granular Backfill exists, remove within width of Existing Sewer Line trench and replace with Select Excavated Material (Class IV) and compact.
3. Provide adequate Support for Existing Sewer Line to prevent damage due to settlement.



Proposed water main below existing sewer line with less than 18" minimum separation.



NOT ALLOWED*

Must Maintain 18" Vertical Separation

Village of Montgomery
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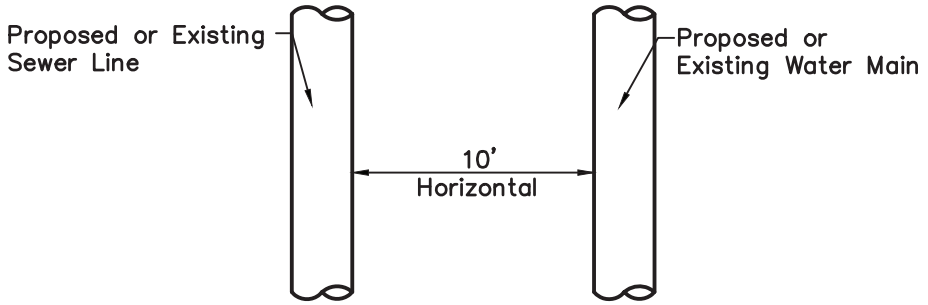
WATER & SEWER SEPARATION REQUIREMENTS (VERT.)

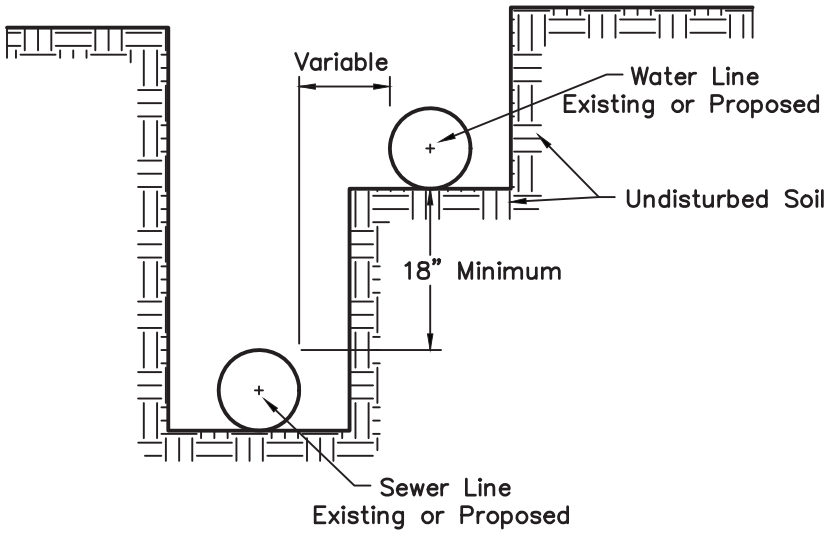
SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D073	DRAWN: WCP
DATE: 4/08/02		REVISED:

Proposed sewer (or water) is located 10 feet or more from existing water (or sewer).



PLAN VIEW

Proposed sewer (or water) is located less than 10 feet from existing water (or sewer).



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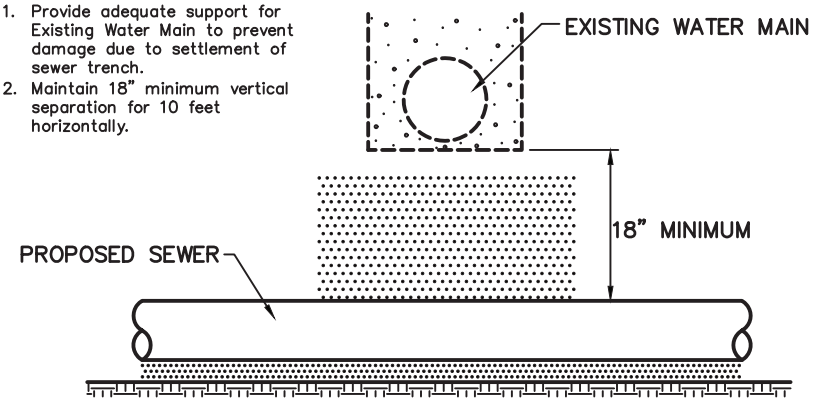
WATER & SEWER SEPARATION REQUIREMENTS (HORIZ.)

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D074	DRAWN: WCP
DATE: 4/08/02		REVISED:

Proposed sewer line below existing water main with 18" minimum separation.

GUIDELINES

1. Provide adequate support for Existing Water Main to prevent damage due to settlement of sewer trench.
2. Maintain 18" minimum vertical separation for 10 feet horizontally.



Proposed sewer line below existing water main with less than 18" separation.

NOTE: CLASS IV MATERIAL TO BE COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY. DENSITY.

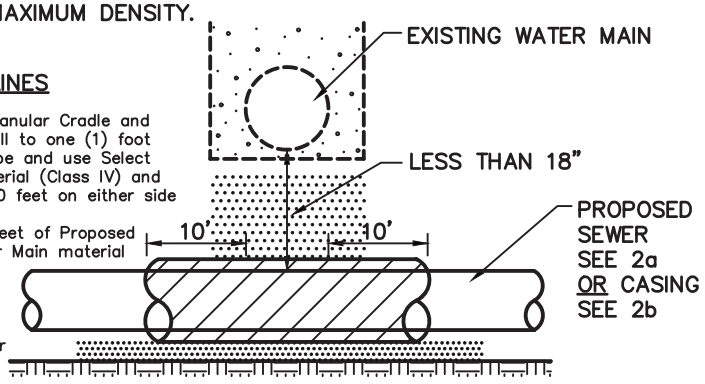
GUIDELINES

1. Omit Select Granular Cradle and Granular Backfill to one (1) foot over top of pipe and use Select Excavated Material (Class IV) and compact for 10 feet on either side of water main.

2a. Construct 10 feet of Proposed Sewer of Water Main material and pressure test, or;

b. Use 10 feet of casing for Proposed Sewer and Seal ends of casing.

3. Point loads shall not be allowed between sewer or sewer casing and water main.
4. Provide adequate support for Existing Water Main to prevent damage due to settlement of sewer trench.



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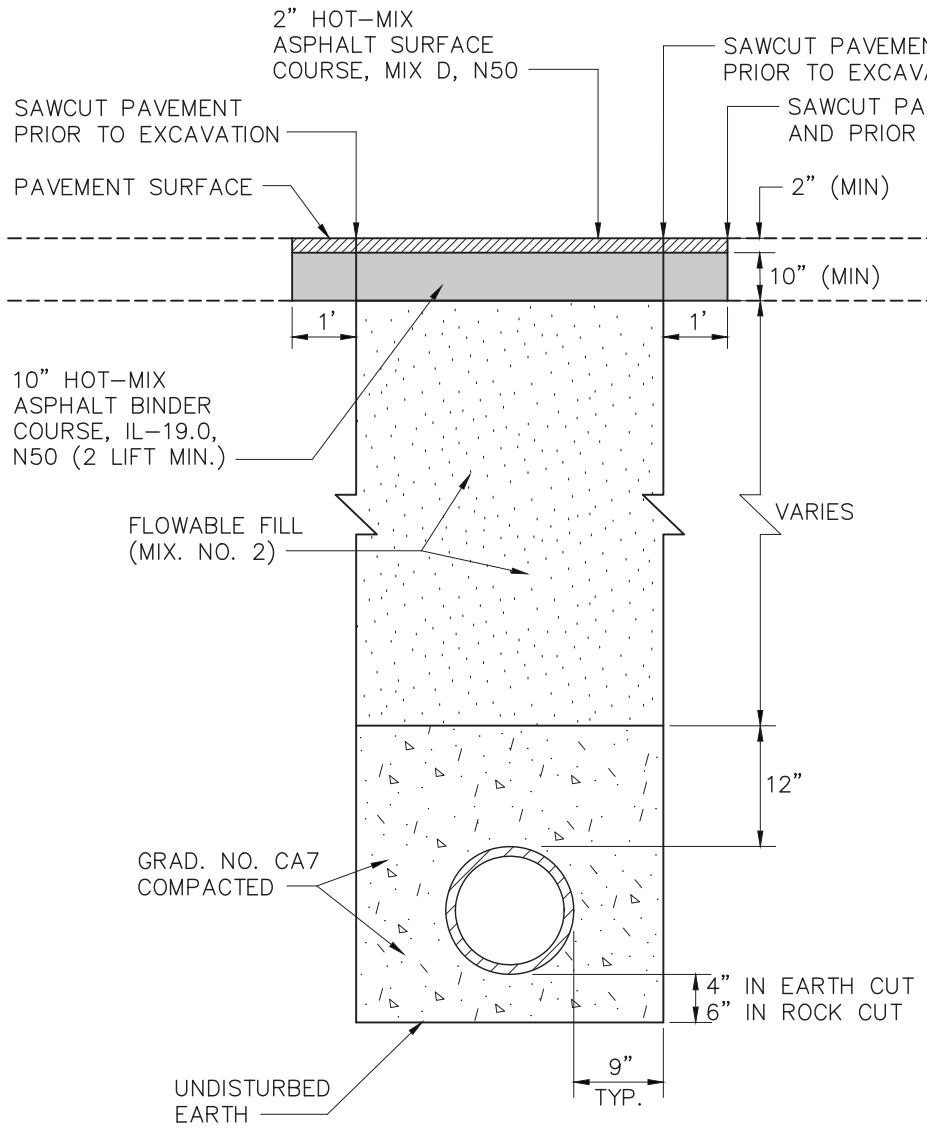
WATER & SEWER SEPARATION REQUIREMENTS (VERT.)

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D075	DRAWN: WCP
DATE: 4/08/02		REVISED:



NOTES:

1. EXISTING PAVEMENT SHALL BE SAWCUT PRIOR TO TRENCH EXCAVATION.
2. FLOWABLE FILL SHALL CONFORM TO MIX NO. 2 PER STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS.
3. CA 7 BACKFILL SHALL BE PLACED OVER THE UTILITY WITHIN LIMITS OF TRENCH AND TO THE DEPTH AS SHOWN.
4. THE TOTAL THICKNESS OF THE PAVEMENT REPAIR SHALL BE EQUAL TO THE EXISTING PAVEMENT BUT NOT LESS THAN THE MINIMUM AS SHOWN.

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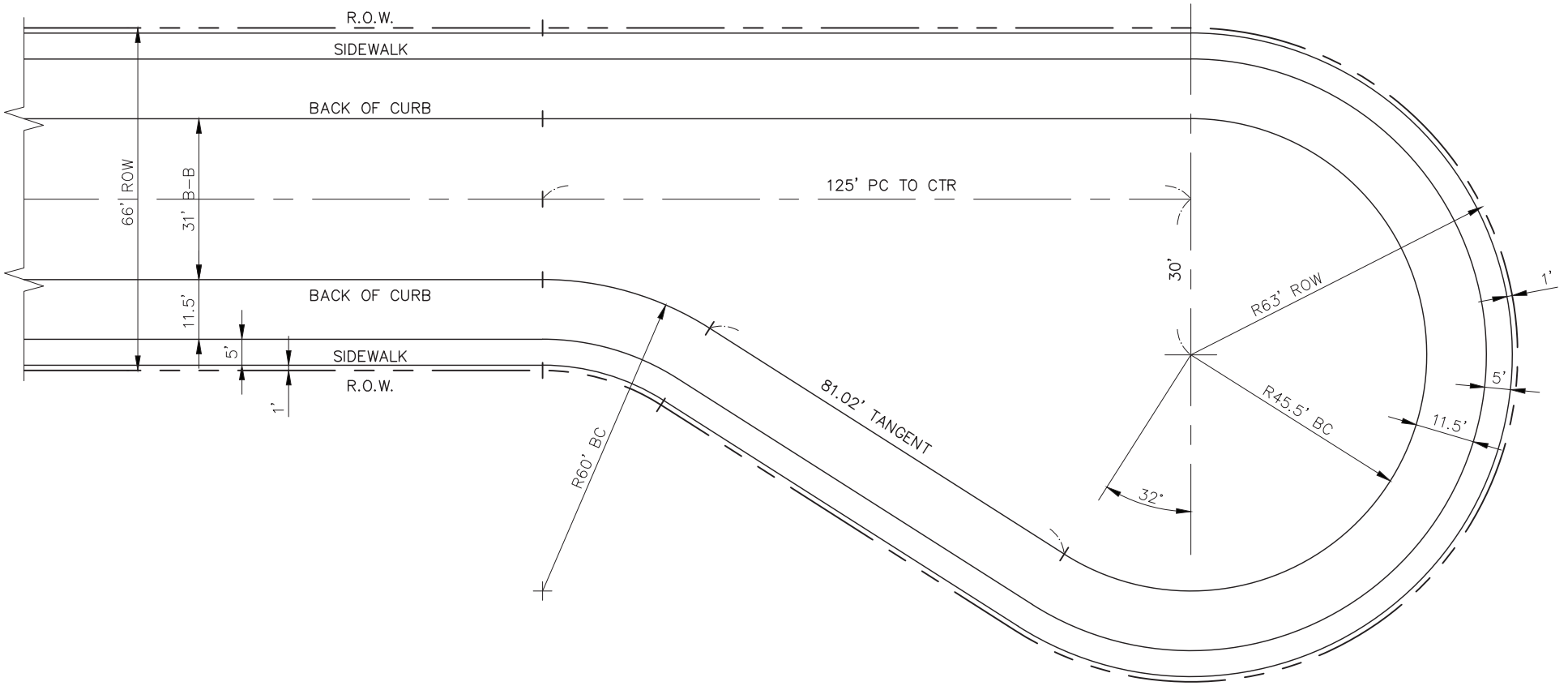
UTILITY TRENCH BITUMINOUS PAVEMENT REPAIR SECTION

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D076	DRAWN: C.L.N.
DATE: 08/07/02		REVISED: 9/10/12



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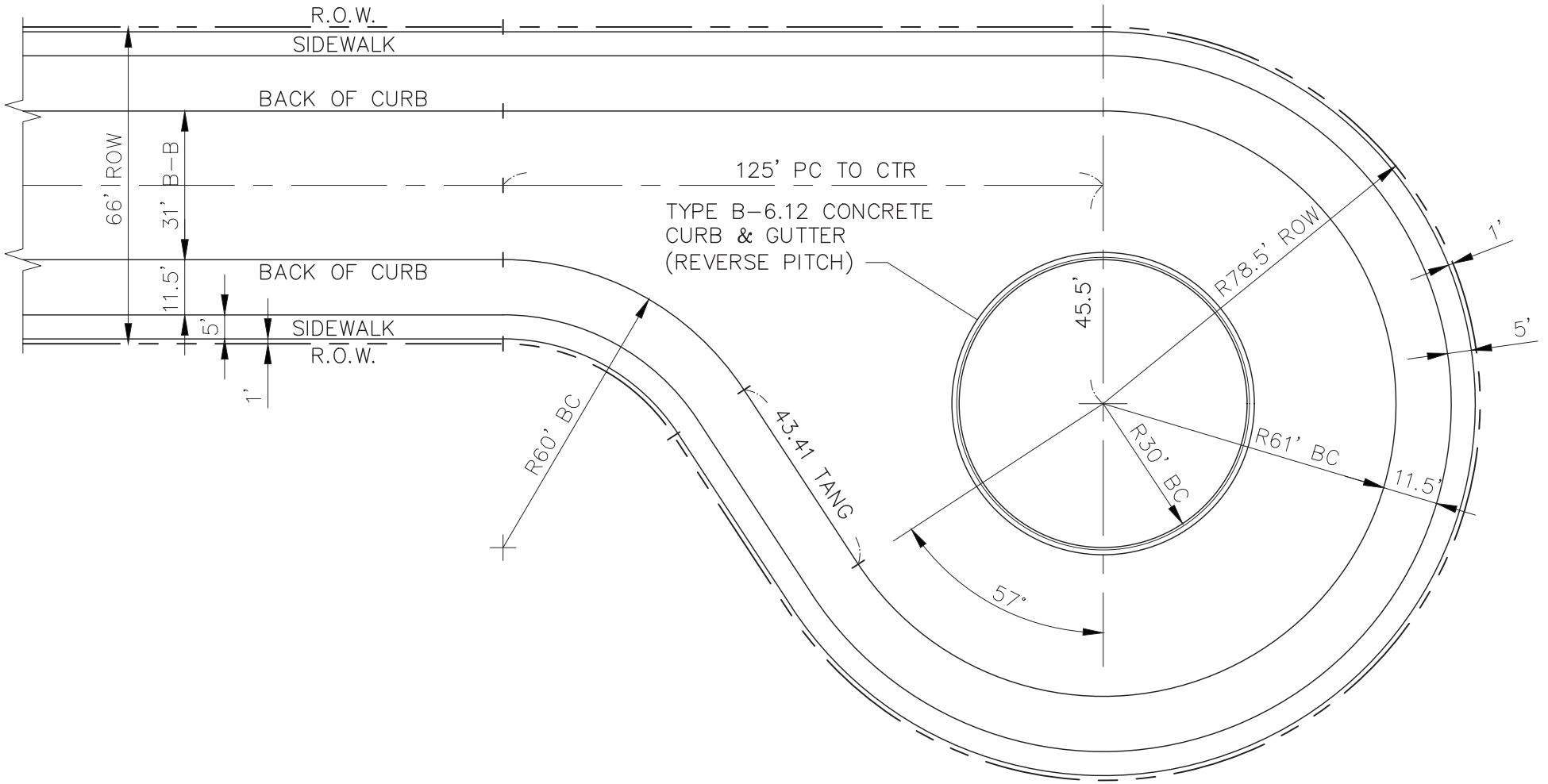
TYPICAL "OFFSET" CUL-DE-SAC GEOMETRY – 66' ROW

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ DO77	DRAWN: C.L.N.
DATE: 07/19/02		REVISED:



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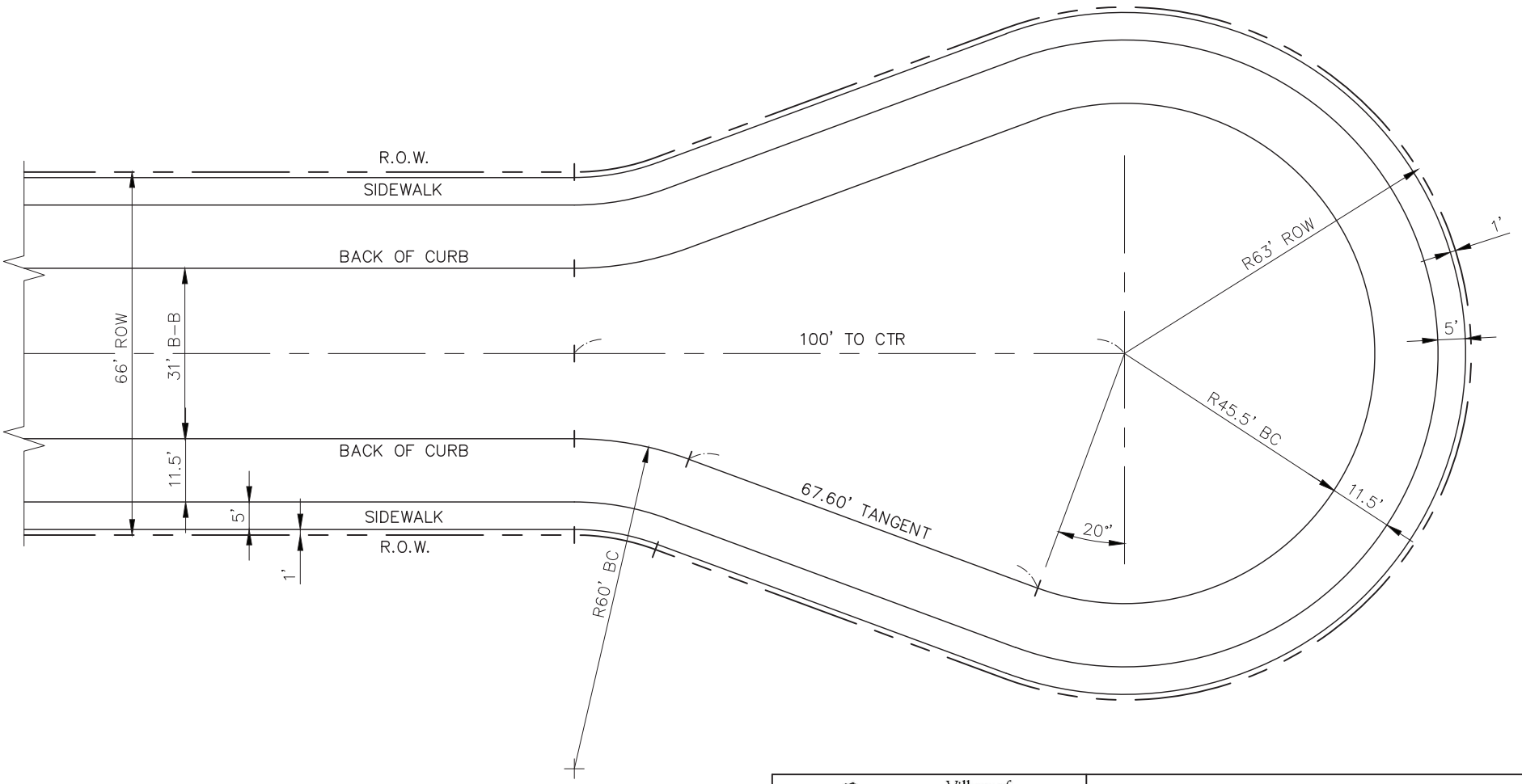
TYPICAL "OFFSET" CUL-DE-SAC GEOMETRY – 66' ROW

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D078	DRAWN: C.L.N.
DATE: 07/19/02		REVISED:



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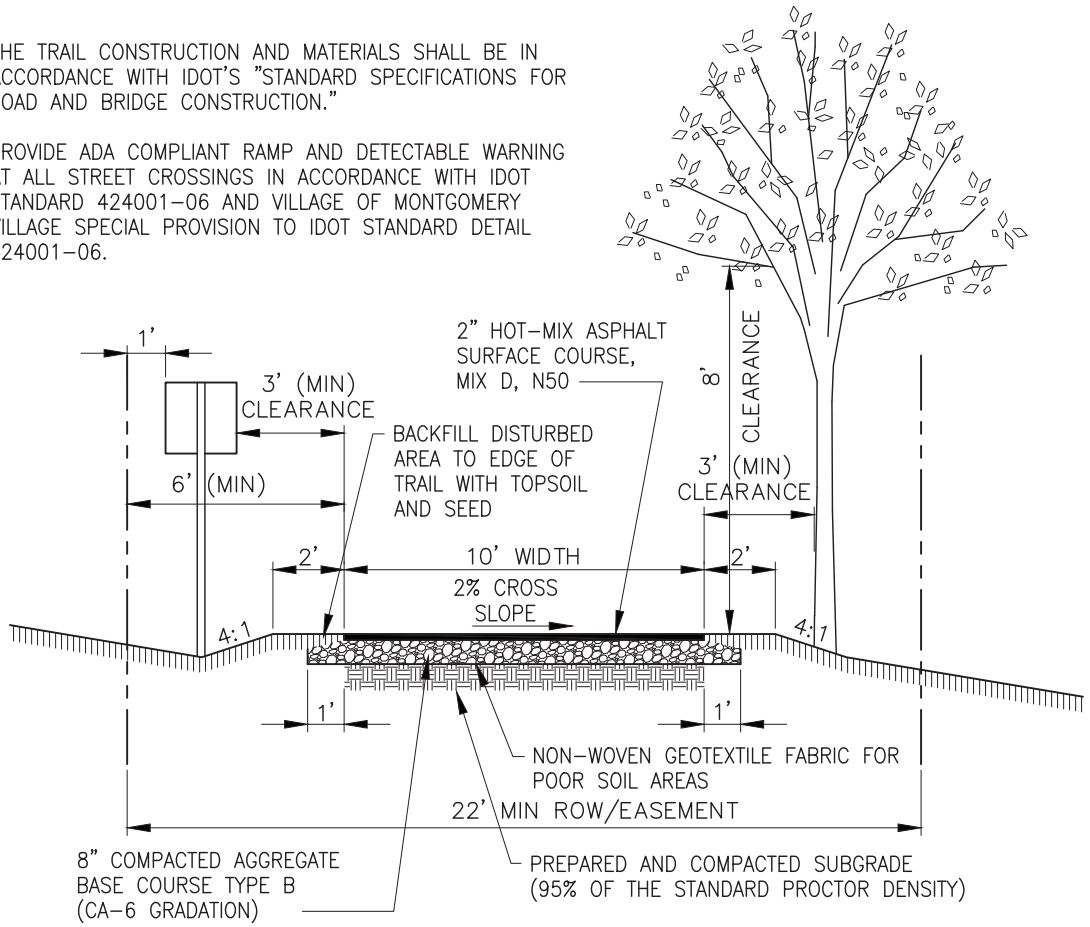
TYPICAL CUL-DE-SAC GEOMETRY – 66' ROW

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D079	DRAWN: C.L.N.
DATE: 07/19/02		REVISED:

NOTE:

1. THE TRAIL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH IDOT'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."

2. PROVIDE ADA COMPLIANT RAMP AND DETECTABLE WARNING AT ALL STREET CROSSINGS IN ACCORDANCE WITH IDOT STANDARD 424001-06 AND VILLAGE OF MONTGOMERY VILLAGE SPECIAL PROVISION TO IDOT STANDARD DETAIL 424001-06.



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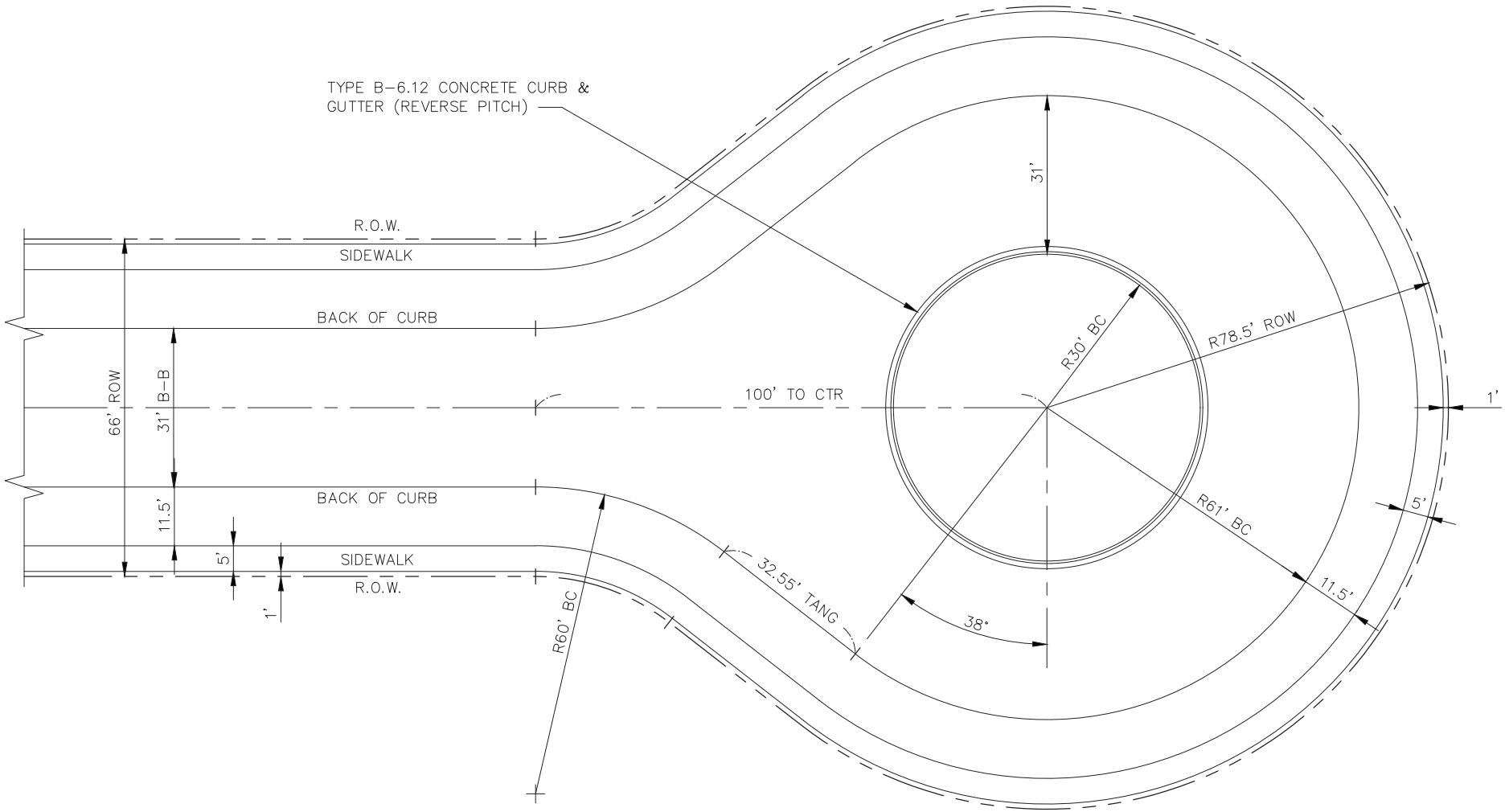
TWO-WAY SHARED USE BICYCLE PATH DETAIL

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D080	DRAWN: W.C.P.
DATE: 08/07/02		REVISED: 9/10/12



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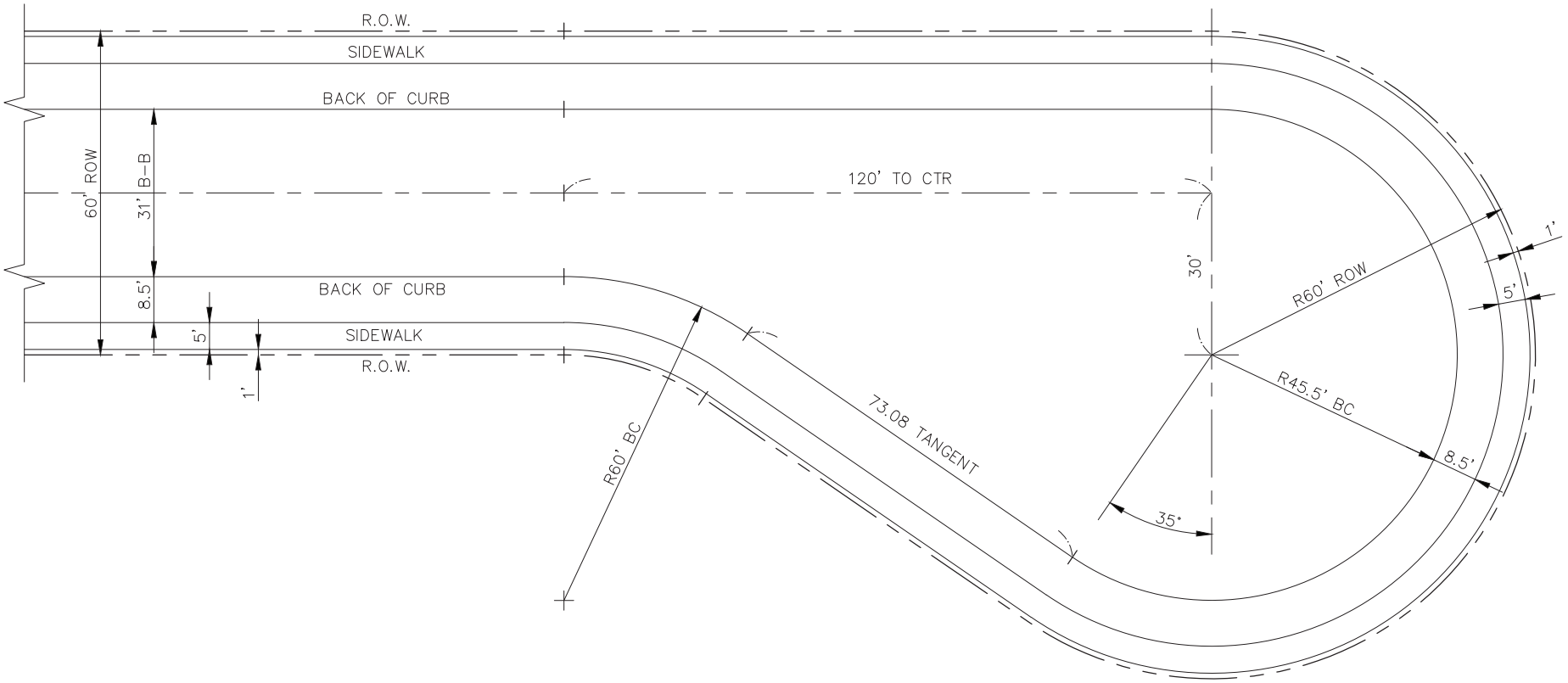
TYPICAL CUL-DE-SAC GEOMETRY
66' ROW

SCALE: 1"=20'	DETAIL NUMBER MONT. E:\DETAILS\ D082	DRAWN:	CLN
DATE: 7/19/02		REVISED:	



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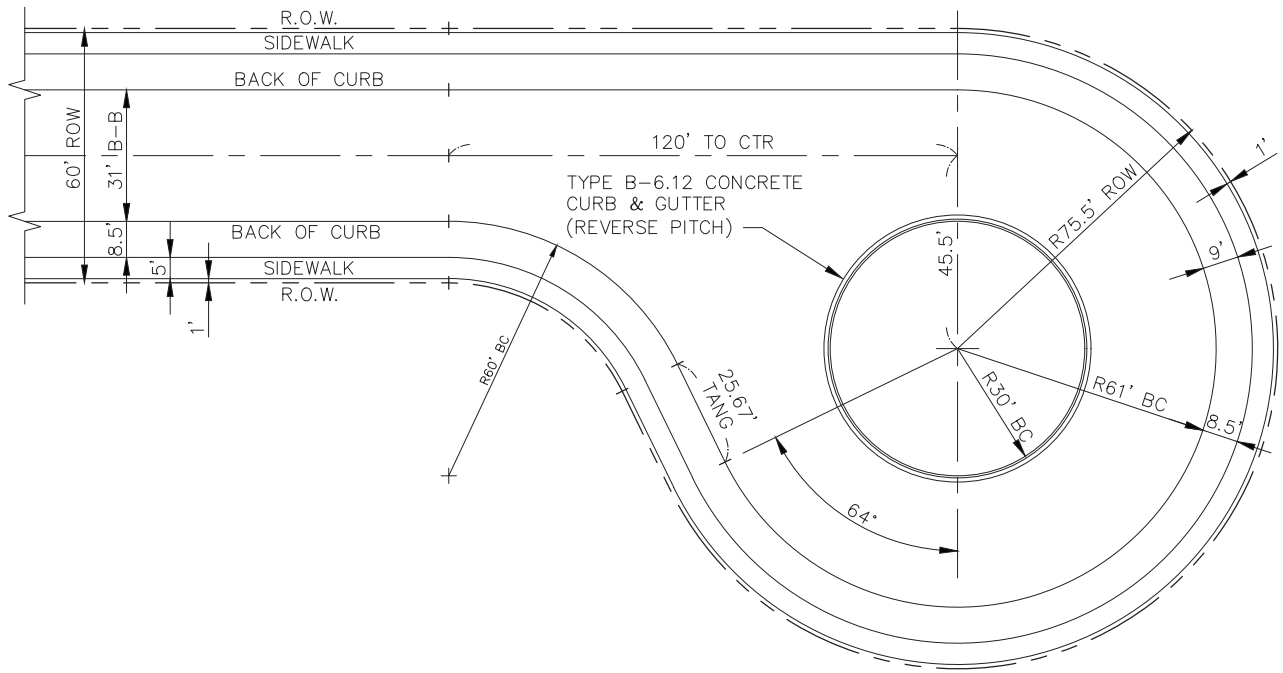
TYPICAL "OFFSET" CUL-DE-SAC GEOMETRY – 60' ROW

SCALE: 1"=20'	DETAIL NUMBER MONT. E:\DETAILS\ D083	DRAWN:	CLN
DATE: 7/19/02		REVISED:	



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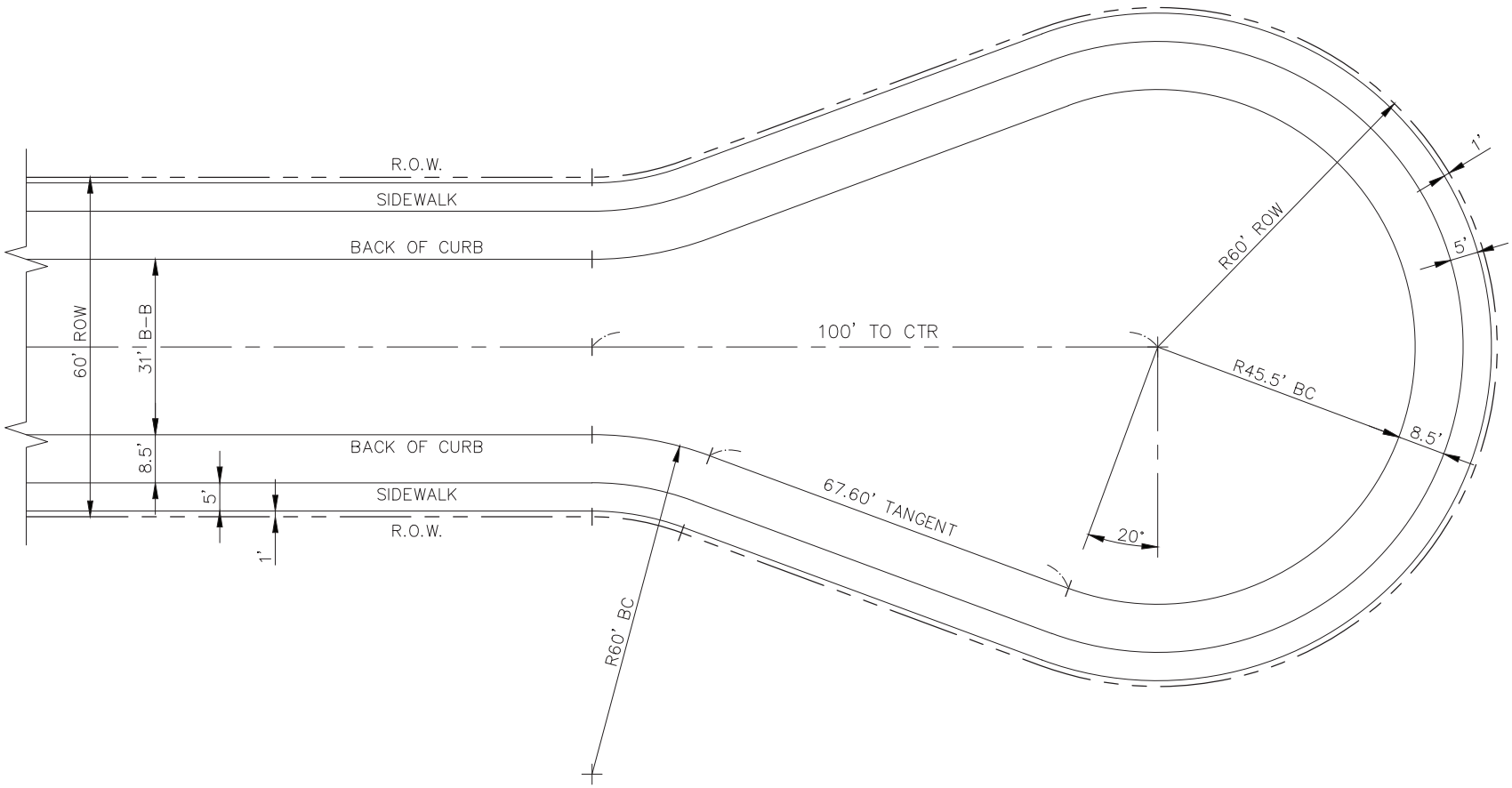
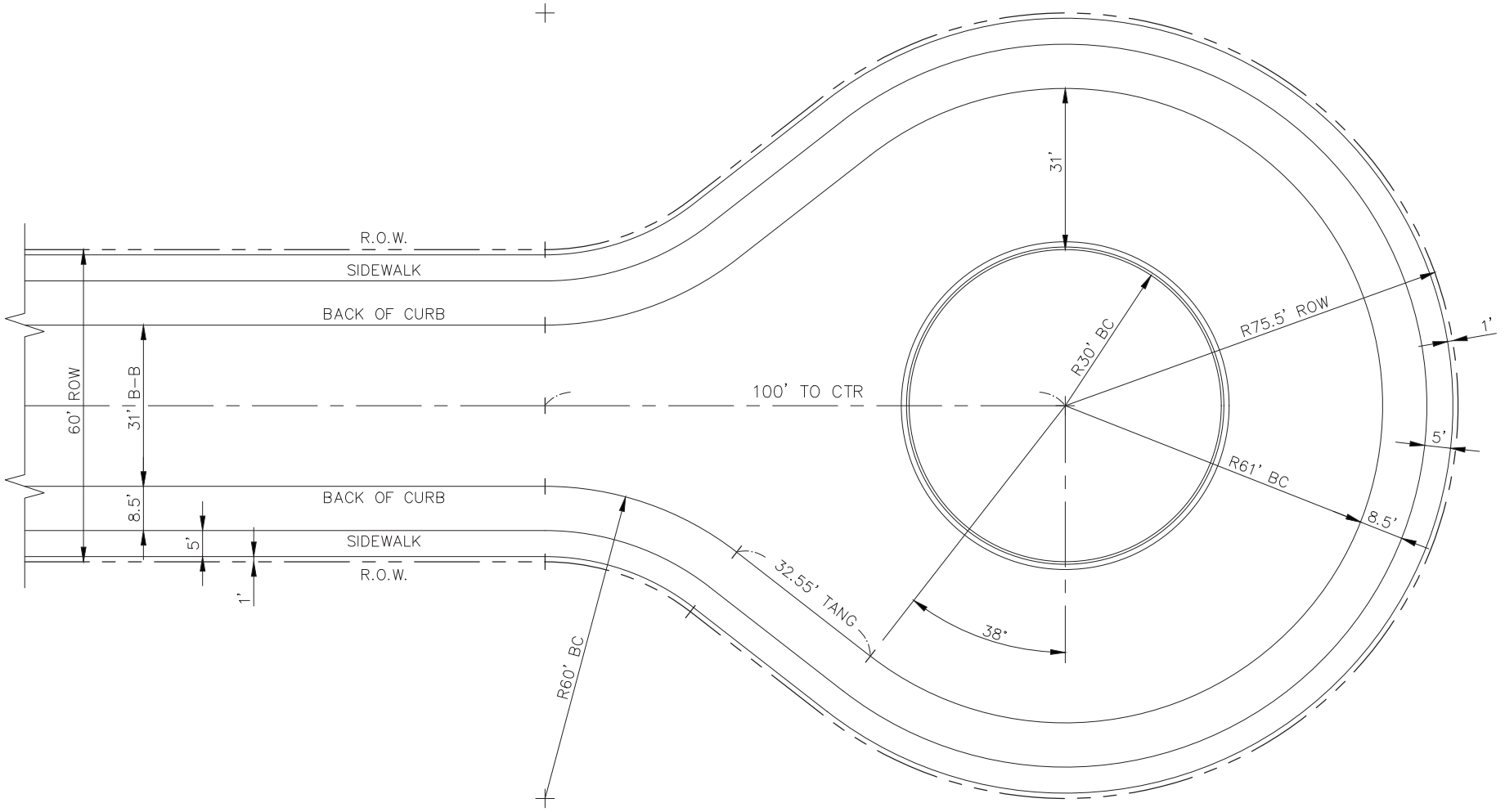
TYPICAL "OFFSET" CUL-DE-SAC GEOMETRY – 60' ROW

SCALE: 1"=30'	DETAIL NUMBER MONT. E:\DETAILS\ D084	DRAWN:	WCP
DATE: 8/07/02		REVISED:	



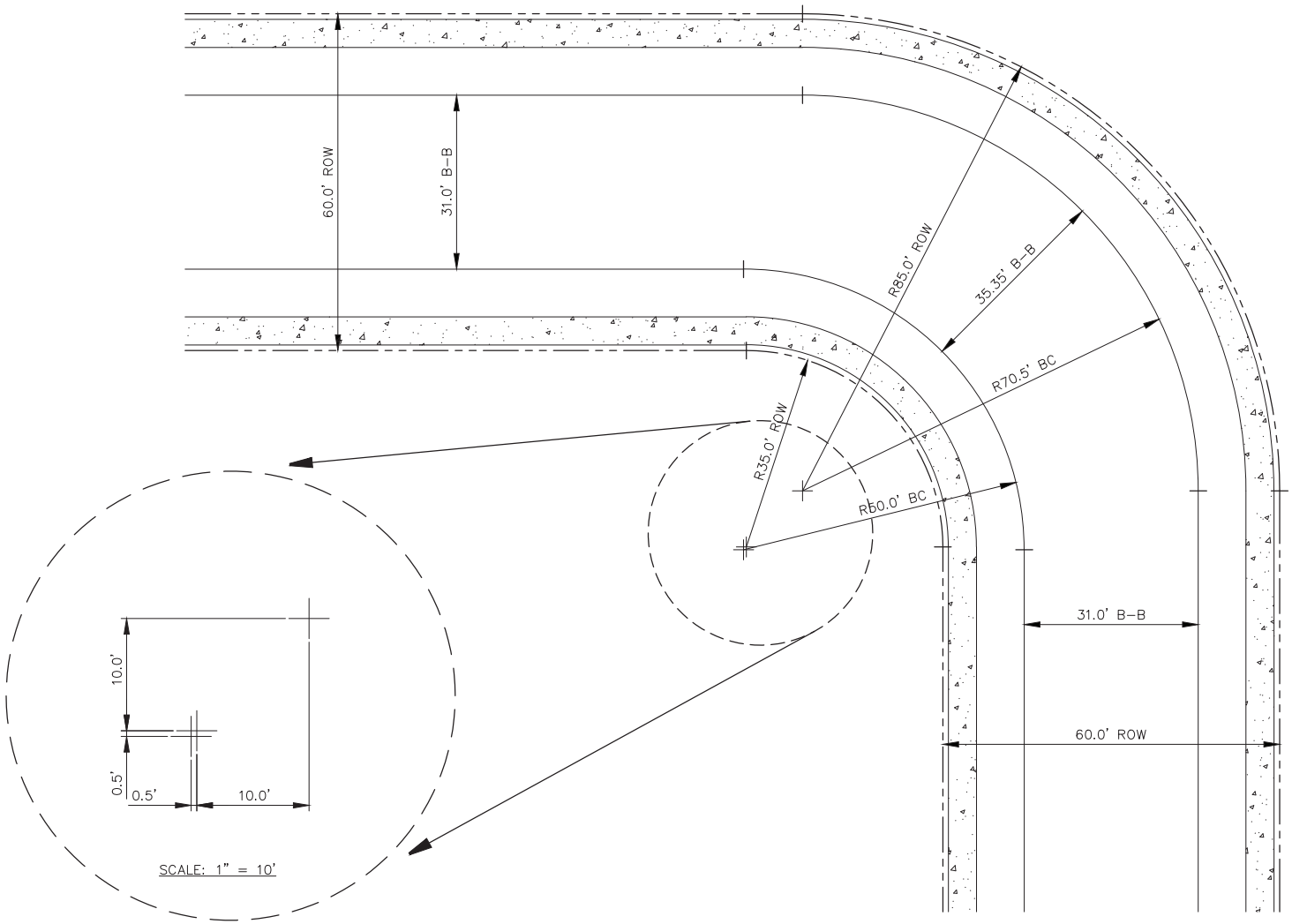
Village of Montgomery 991 KNELL ROAD MONTGOMERY, IL 60538 (630) 896-9241	TYPICAL CUL-DE-SAC GEOMETRY 60' ROW		
	SCALE: 1"=20'	DETAIL NUMBER MONT. E:\DETAILS\ D085	DRAWN: CLN
	DATE: 7/19/02		REVISED:



Village of Montgomery
991 KNELL ROAD
MONTGOMERY, IL 60538
(630) 896-9241

TYPICAL CUL-DE-SAC GEOMETRY 60' ROW

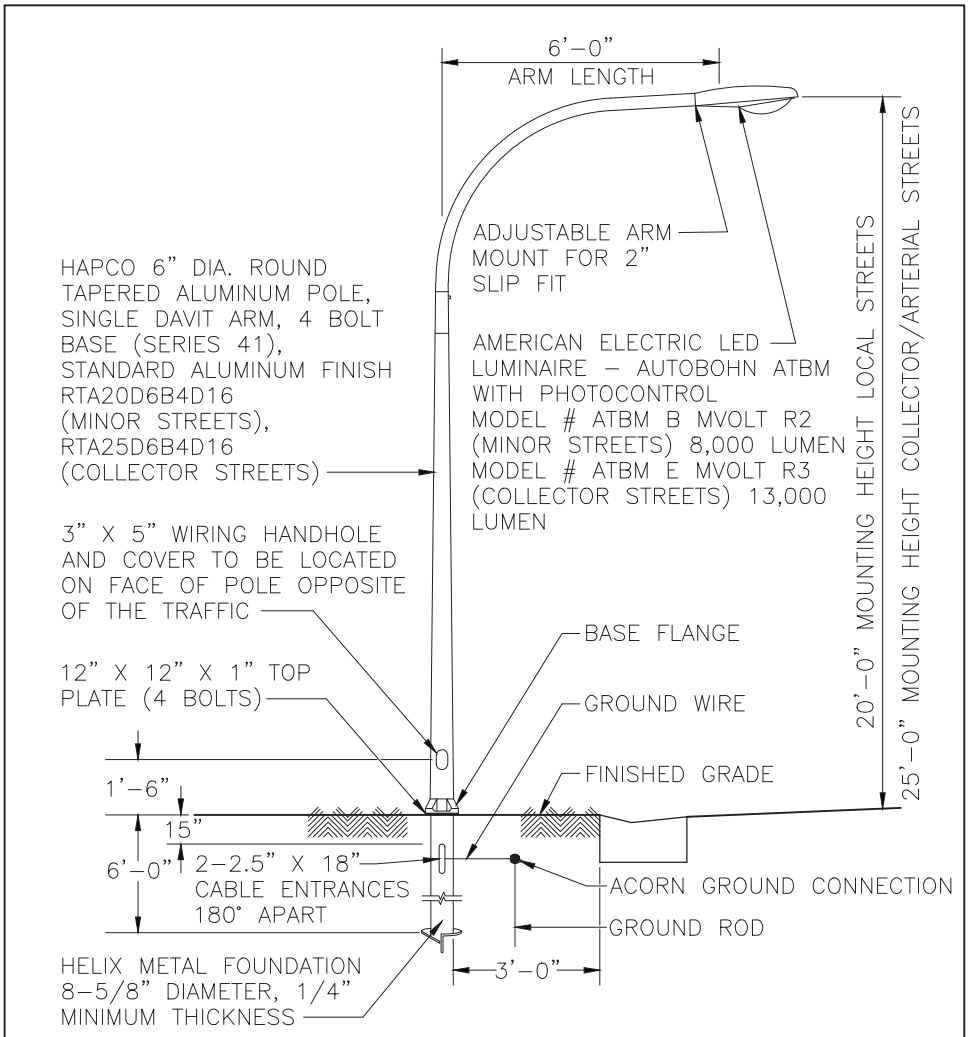
SCALE: 1"=20'	DETAIL NUMBER MONT. E:\DETAILS\ D086	DRAWN: CLN
DATE: 7/19/02		REVISED:



Village of Montgomery
991 KNELL ROAD
MONTGOMERY, IL 60538
(630) 896-9241

STREET CORNER WIDENING GEOMETRICS FOR RADII LESS THAN STANDARD

SCALE: 1"=20'	DETAIL NUMBER MONT. E:\DETAILS\ D087	DRAWN:	WCP
DATE: 8/08/02		REVISED:	



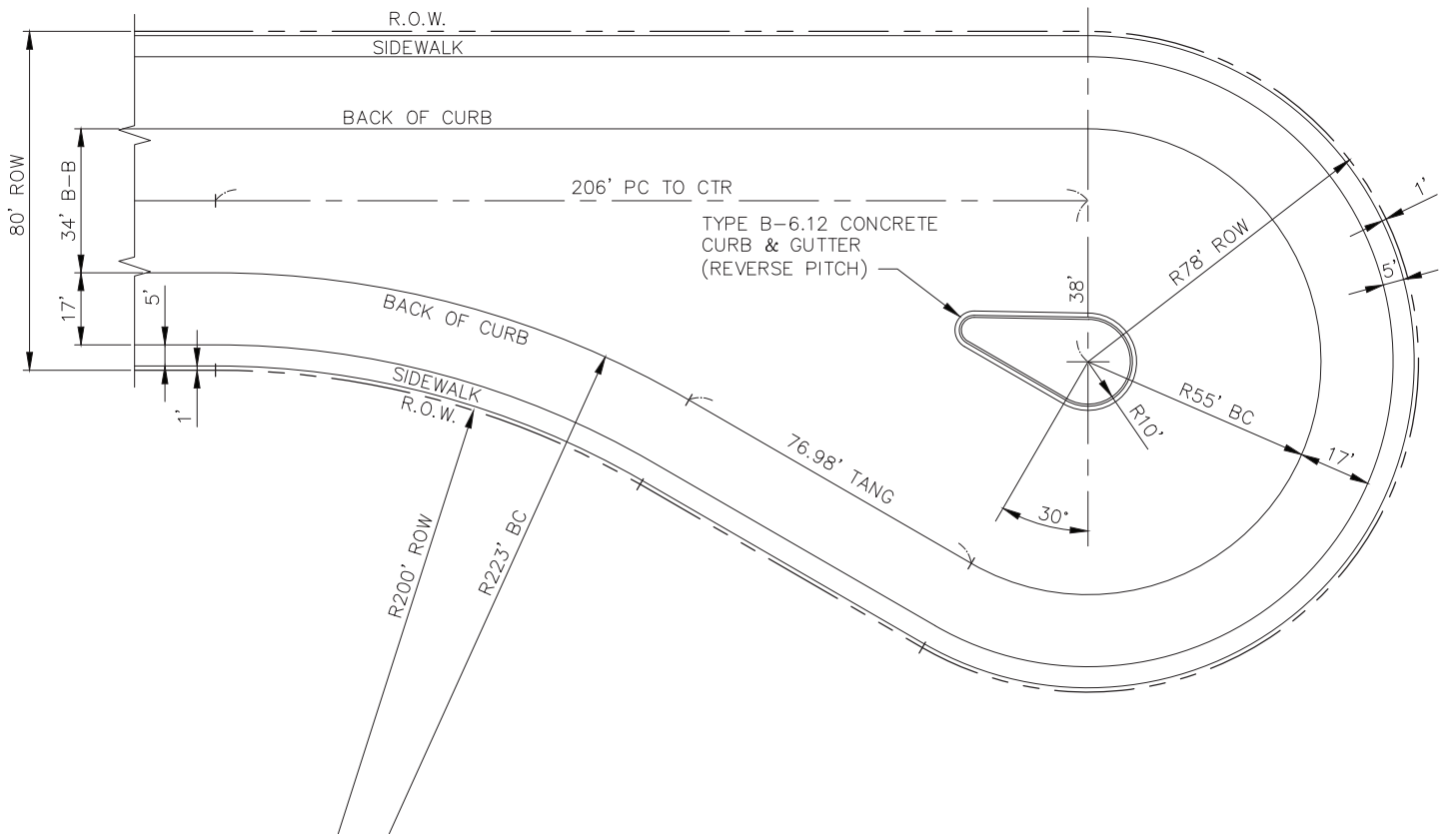
Village of Montgomery

991 KNELL ROAD
MONTGOMERY, IL 60538
(630) 896–9241

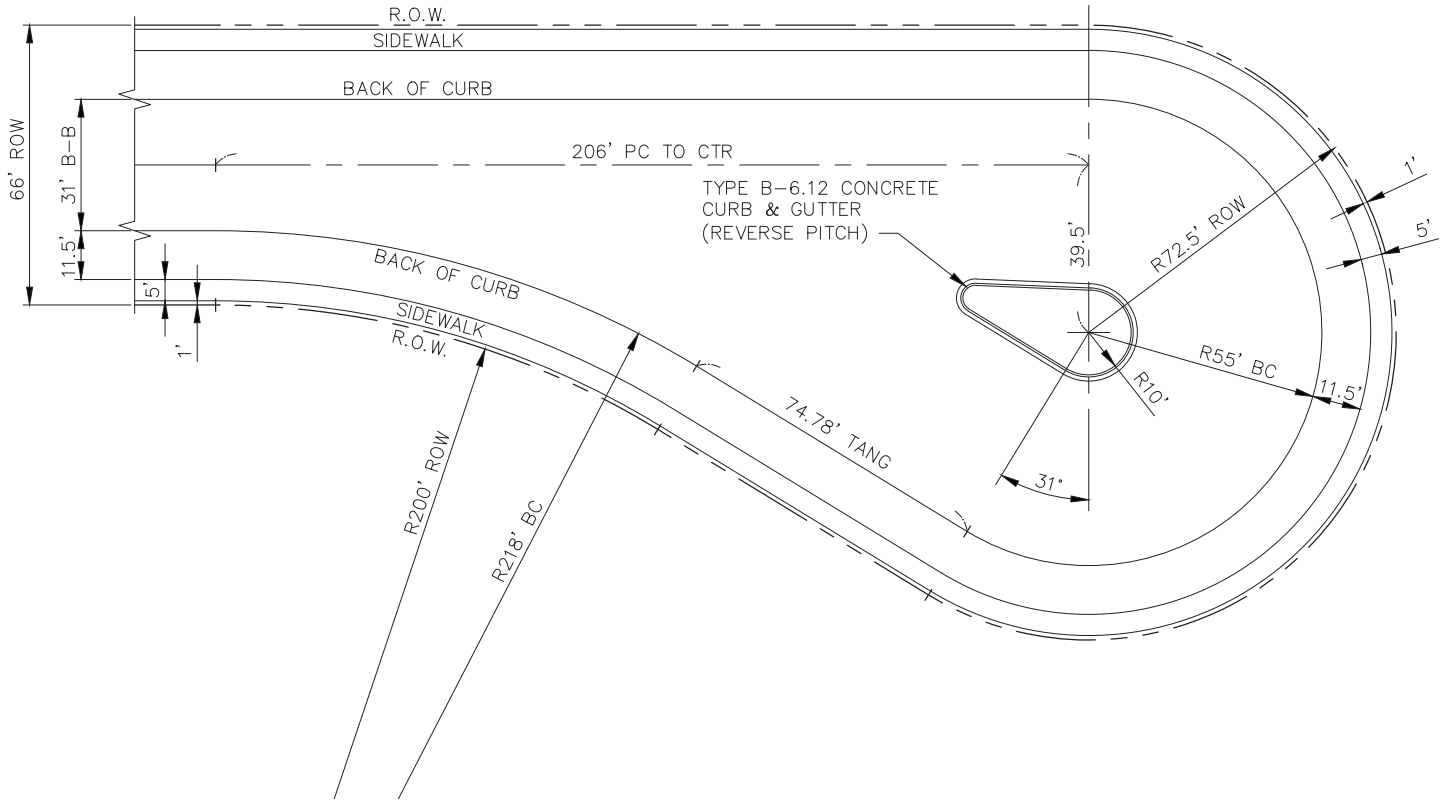
STREET LIGHT DETAIL

SHEET 1 OF 1

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D089–A	DRAWN: CLN
DATE: 9/30/03		REVISED: 3/24/24



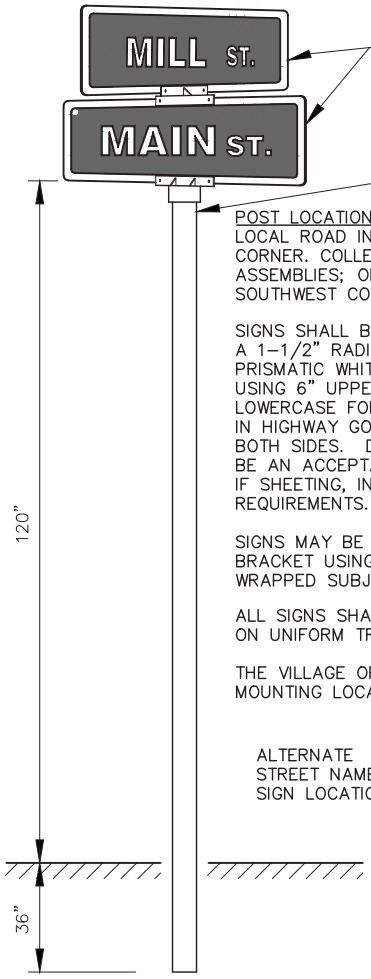
Village of Montgomery 991 KNELL ROAD MONTGOMERY, IL 60538 (630) 896-9241	TYPICAL "OFFSET" CUL-DE-SAC LOCAL – INDUSTRIAL		
	SCALE: 1"=30'	DETAIL NUMBER MONT. E:\DETAILS\ D090	DRAWN: WCP
	DATE: 6/17/03		REVISED:



Village of Montgomery
991 KNELL ROAD
MONTGOMERY, IL 60538
(630) 896-9241

TYPICAL "OFFSET" CUL-DE-SAC
LOCAL – INDUSTRIAL (SPECIAL)

SCALE: 1"=30'	DETAIL NUMBER MONT. E:\DETAILS\ D091	DRAWN:	WCP
DATE: 6/17/03		REVISED:	



9" X VARIABLE LENGTH FLAT ALUMINUM BLADE .080 MINIMUM WITH A 1–1/2" RADIUS CORNER

1–3/4" X 10' 14 GA TELESPAR SQUARE TUBE, INSERTED INTO A 2" X 3' 12 GA TELESPAR BREAK AWAY SQUARE ANCHOR USING A CORNER BOLT TO CONNECT THE POST TO ANCHOR. THE ANCHOR SHOULD BE INSTALLED WITH NO LESS THAN 2" AND NO MORE THAN 4" EXPOSED ABOVE GRADE.

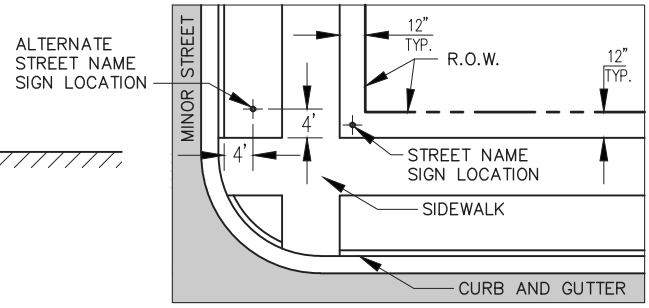
POST LOCATIONS:
LOCAL ROAD INTERSECTIONS SHALL HAVE 1 SIGN AT THE NORTHEAST CORNER. COLLECTOR AND MAJOR STREETS SHALL HAVE TWO SIGN ASSEMBLIES; ONE AT THE NORTHEAST CORNER AND ONE AT THE SOUTHWEST CORNER.

SIGNS SHALL BE FLAT BLADE .080 MINIMUM ALUMINUM BLANKS WITH A 1–1/2" RADIUS CORNER, SHEETED WITH 3M HIGH INTENSITY PRISMATIC WHITE AND COVERED WITH 3M GREEN EC FILM OVERLAY USING 6" UPPER & LOWERCASE FOR THE LEGEND AND 4" UPPER & LOWERCASE FOR THE SUPPLEMENTAL INFORMATION (ST, DR, LN, etc.) IN HIGHWAY GOTHIC WHITE LETTERING AND A 1/2" WHITE MARGIN ON BOTH SIDES. DIGITALLY PRINTED OR 3M EQUIVALENT PRODUCT MAY BE AN ACCEPTABLE ALTERNATIVE WITH WRITTEN VILLAGE APPROVAL, IF SHEETING, INK, AND OVERLAY COMPONENTS MEET MUTCD REQUIREMENTS.

SIGNS MAY BE MOUNTED TO STREET POLES WITH A METRO WING BRACKET USING 3/4" .030 STAINLESS STEEL BANDING DOUBLE WRAPPED SUBJECT TO VILLAGE APPROVAL.

ALL SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS."

THE VILLAGE OF MONTGOMERY MUST APPROVE ALL SIGN DIMENSIONS, MOUNTING LOCATIONS & HARDWARE APPLICATIONS BEFORE INSTALLATION.



TYPICAL SIGN LOCATION

Village of Montgomery
991 KNELL ROAD
MONTGOMERY, IL 60538
(630) 896–9241

VILLAGE OF MONTGOMERY
STREET NAME SIGNS

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D092	DRAWN: CLN
DATE: 2/11/02		REVISED: 1/30/17

STANFORD

* 3" Fluted Extruded Aluminum Post, 0.90 Wall 6063–T6
* Cast Aluminum Support Arm, 319 Alloy (Chromated) Welded to Post
* Cast Aluminum Ball Cap
* Gloss Black Powder Coat Finish
* Black T1 Mailbox
* 3" White Vinyl Address Numbers
* Installed with Cement

MANUFACTURER:
MAILBOX SERVICE, INC.
10753 WOLF DRIVE
HUNTLEY, IL 60142
(847)669–2752

Village of Montgomery

991 KNELL ROAD
MONTGOMERY, IL 60538
(630) 896–9241

SINGLE FAMILY MAILBOX

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D093	DRAWN: WCP	
DATE: 8/17/04		REVISED:	

YALE DOUBLE

* 4"x4"x.125 Wall, 6063–T52 Extruded Aluminum Post
* Heavy Cast Aluminum Support Arm, 319 Alloy (chromated)
* Heavy Cast Aluminum Cap, 319 Alloy
* Gloss Black Powder Coat Finish
* Black T1 Mailboxes (two)
* 1 1/8" White Vinyl Address Numbers
* Installed with Cement

MANUFACTURER:
MAILBOX SERVICE, INC.
10753 WOLF DRIVE
HUNTLEY, IL 60142
(847)669–2752

Village of Montgomery
991 KNELL ROAD
MONTGOMERY, IL 60538
(630) 896–9241

DUPLEX & VILLA MAILBOX

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D094	DRAWN: WCP	
DATE: 8/17/04		REVISED:	

YALE MULTI

* 4"x4"x.125 Wall, 6063–T52 Extruded Aluminum Post & Cross Bar(s)
* Galvanized Assembly Brackets
* Heavy Cast Aluminum Cap, 319 Alloy
* Gloss Black Powder Coat Finish
* Black T1 Mailboxes
* 1 1/8" White Vinyl Address Numbers
* Installed with Cement

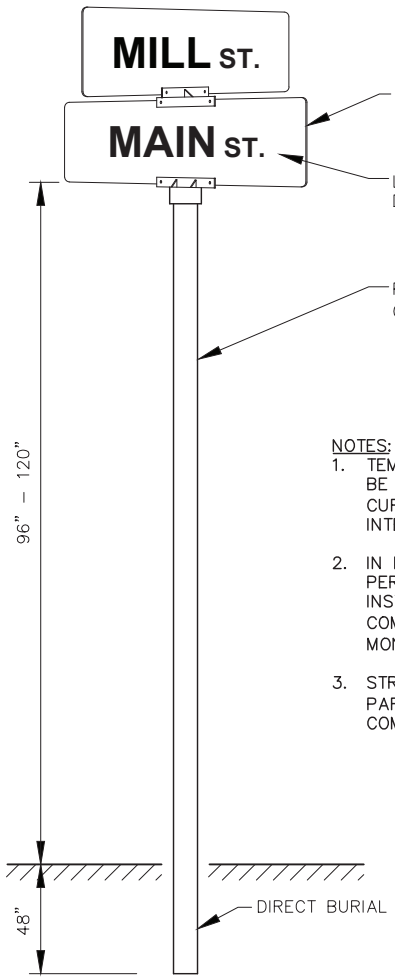
MANUFACTURER:
MAILBOX SERVICE, INC.
10753 WOLF DRIVE
HUNTLEY, IL 60142
(847)669–2752

Village of Montgomery

991 KNELL ROAD
MONTGOMERY, IL 60538
(630) 896–9241

MULTI–FAMILY MAILBOX

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D095	DRAWN: WCP
DATE: 8/17/04		REVISED:



NOTES:

1. TEMPORARY STREET NAME SIGNS SHOULD BE ADDED AT EACH INTERSECTION AFTER CURB & GUTTER IS INSTALLED (ONE PER INTERSECTION.
2. IN LIEU OF A TEMPORARY SIGN, THE PERMANENT STREET SIGN MAY BE INSTALLED AFTER CURB & GUTTER IS COMPLETE, PER THE "VILLAGE OF MONTGOMERY STREET NAME SIGNS" DETAIL.
3. STREET SIGNS MAY BE PROVIDED BY PARVIN-CLAUSS, (630) 510-2020, OR COMPARABLE CONTRACTOR.

Village of Montgomery
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MONTGOMERY, IL 60538
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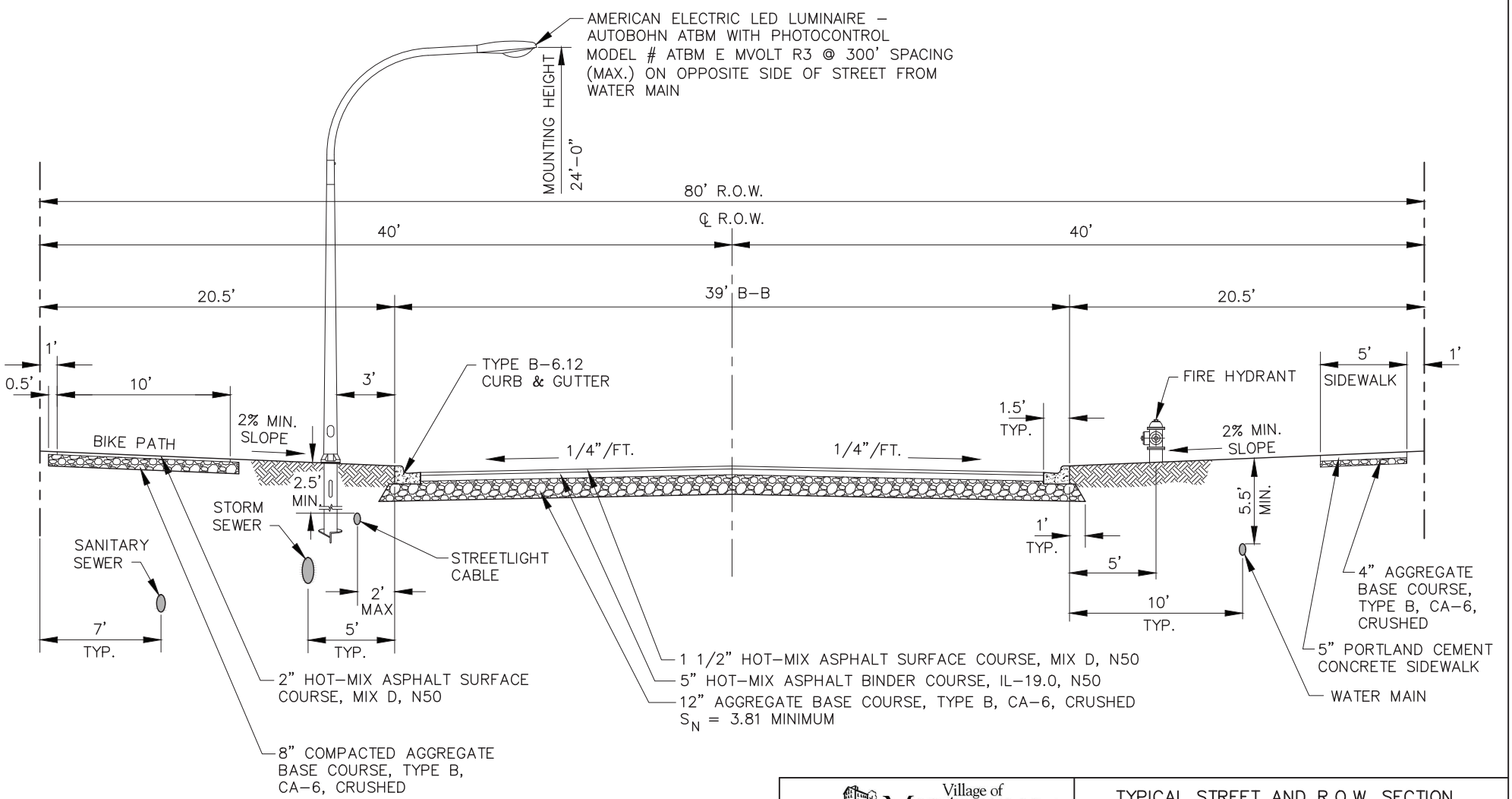
VILLAGE OF MONTGOMERY
TEMORARY STREET NAME SIGNS

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D097	DRAWN: WCP	
DATE: 10/08/04		REVISED:	



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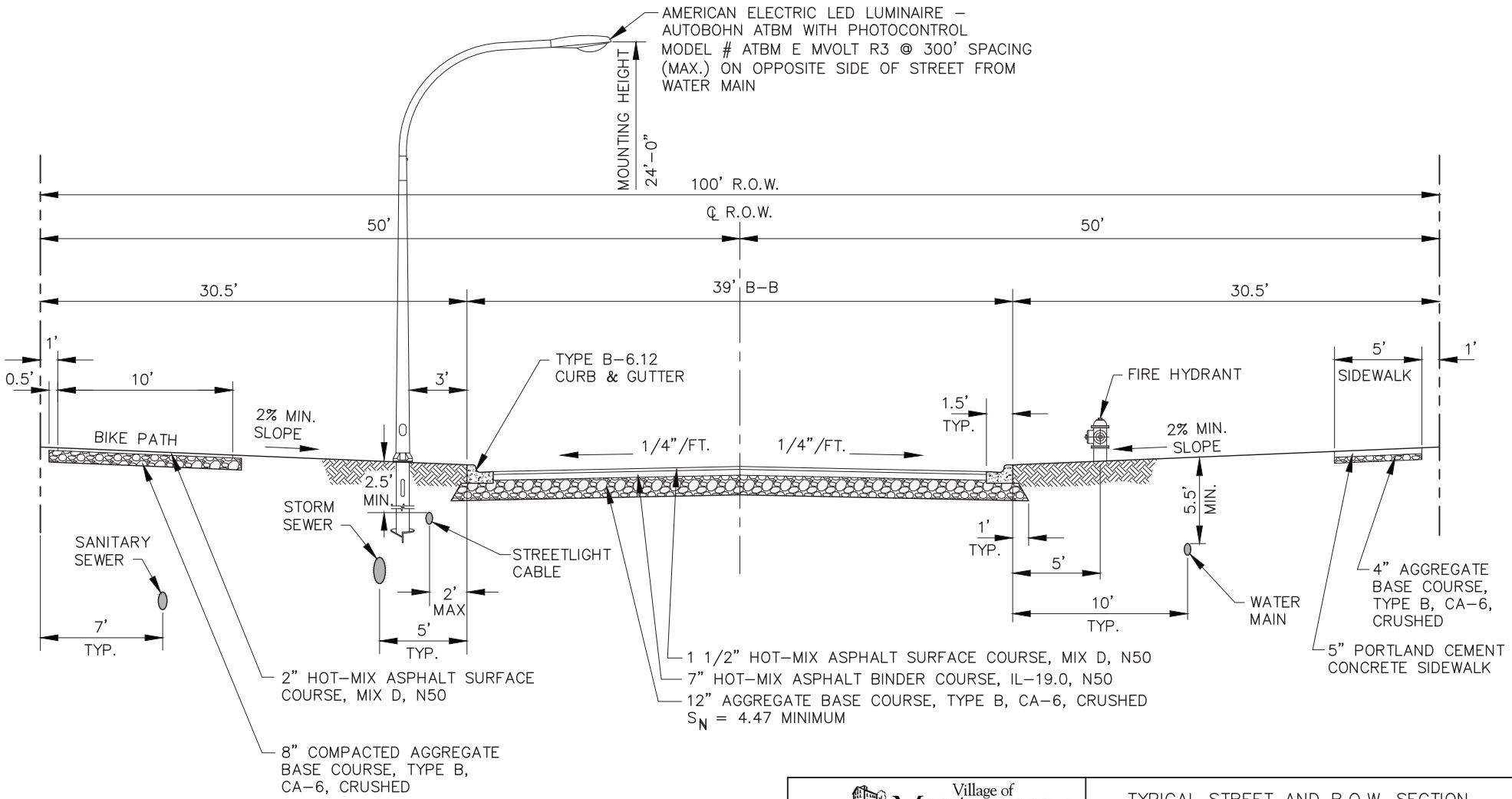
MONTGOMERY, IL 60538
(630) 896–9241

TYPICAL STREET AND R.O.W. SECTION
MINOR COLLECTOR

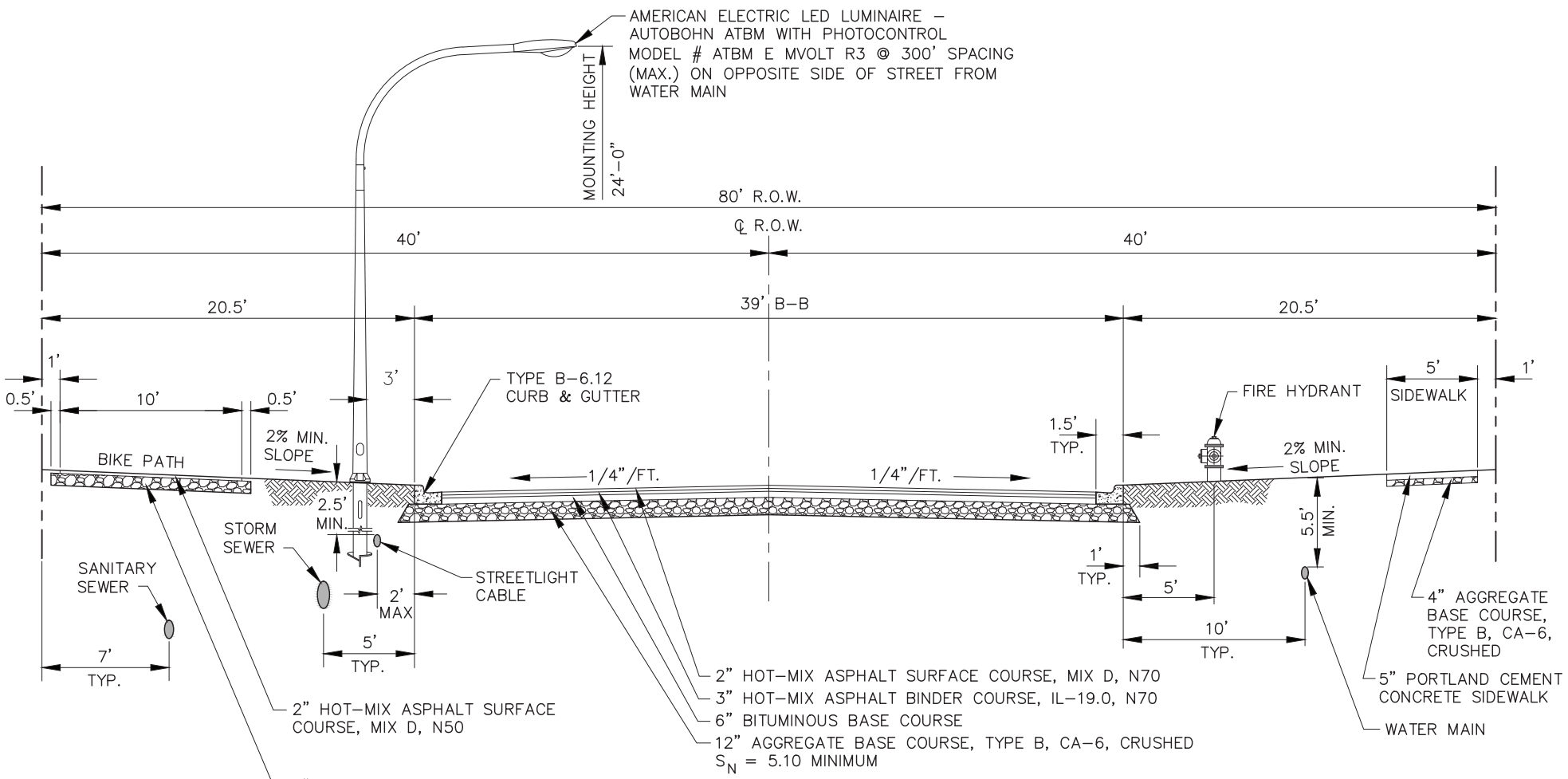
SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D098	DRAWN: CLN
DATE: 11/10/04		REVISED: 5/19/16



Village of Montgomery
991 KNELL ROAD
MONTGOMERY, IL 60538
(630) 896-9241

TYPICAL STREET AND R.O.W. SECTION MAJOR COLLECTOR

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D099	DRAWN: CLN	
DATE: 11/10/04		REVISED: 5/19/16	



Village of Montgomery
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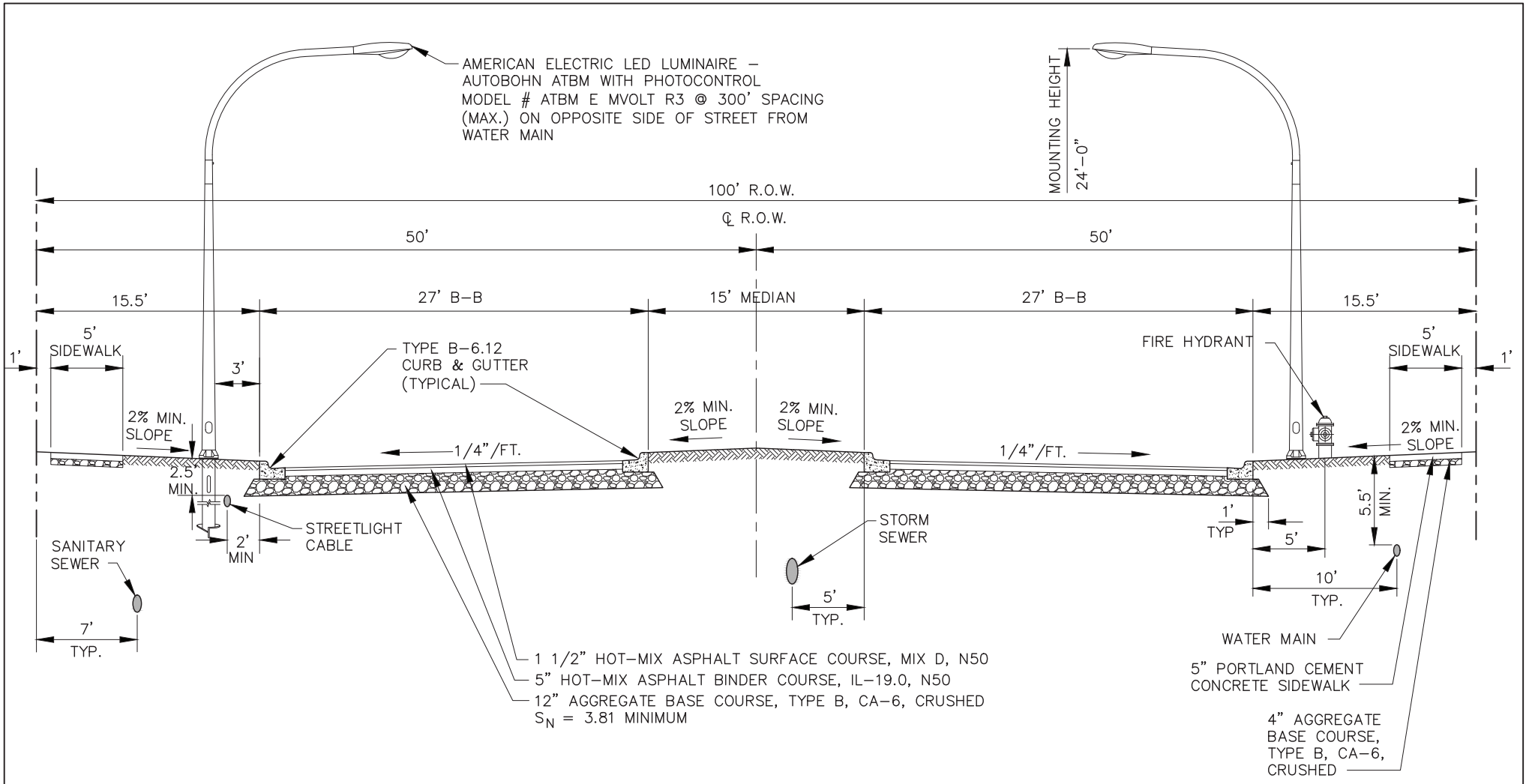
MONTGOMERY, IL 60538
(630) 896–9241

TYPICAL STREET AND R.O.W. SECTION
COLLECTOR – INDUSTRIAL

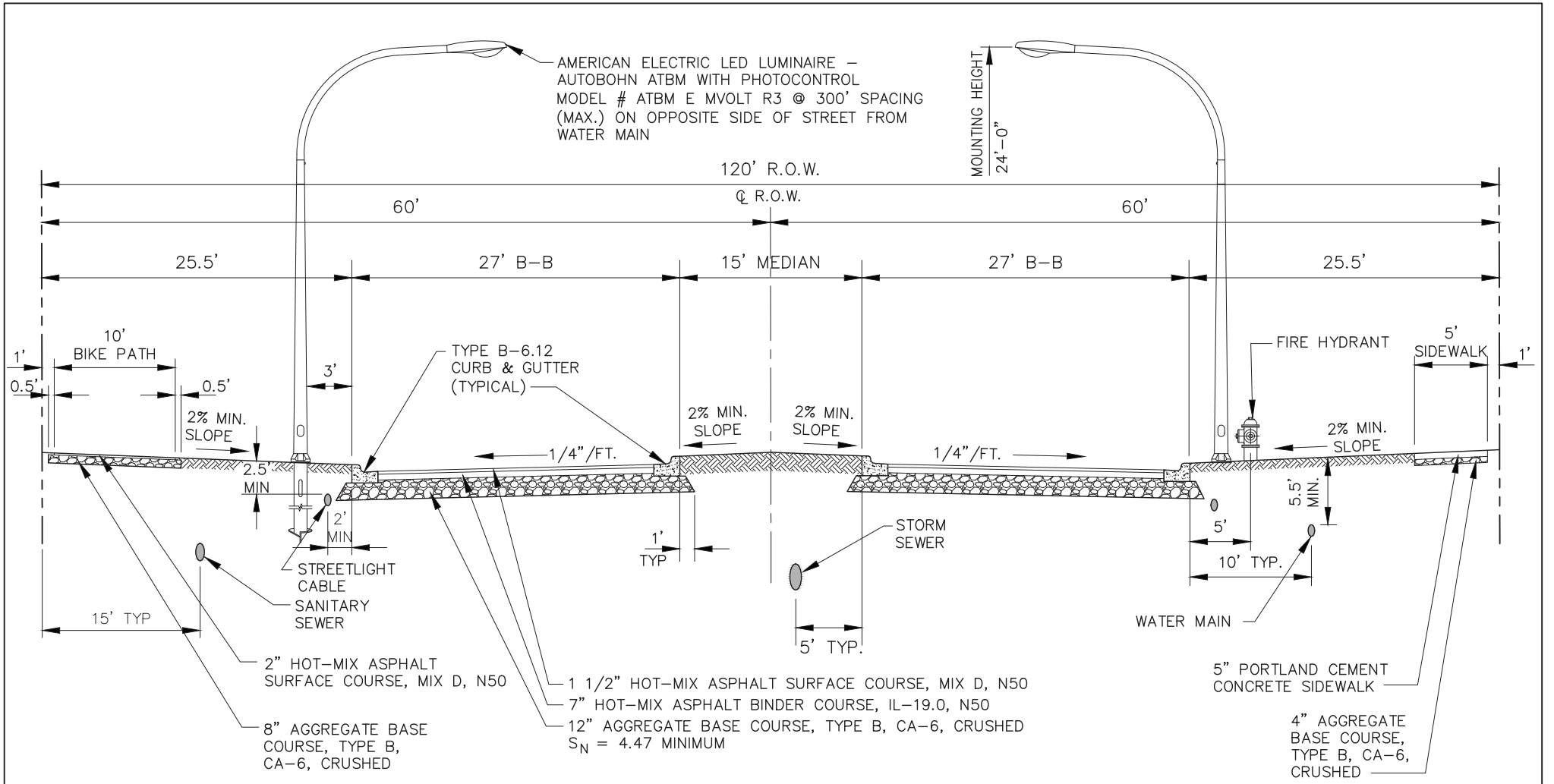
SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D100	DRAWN: CLN
DATE: 11/10/04		REVISED: 5/19/16



Village of Montgomery
991 KNELL ROAD
MONTGOMERY, IL 60538
(630) 896-9241

TYPICAL STREET AND R.O.W. SECTION BOULEVARD MINOR COLLECTOR

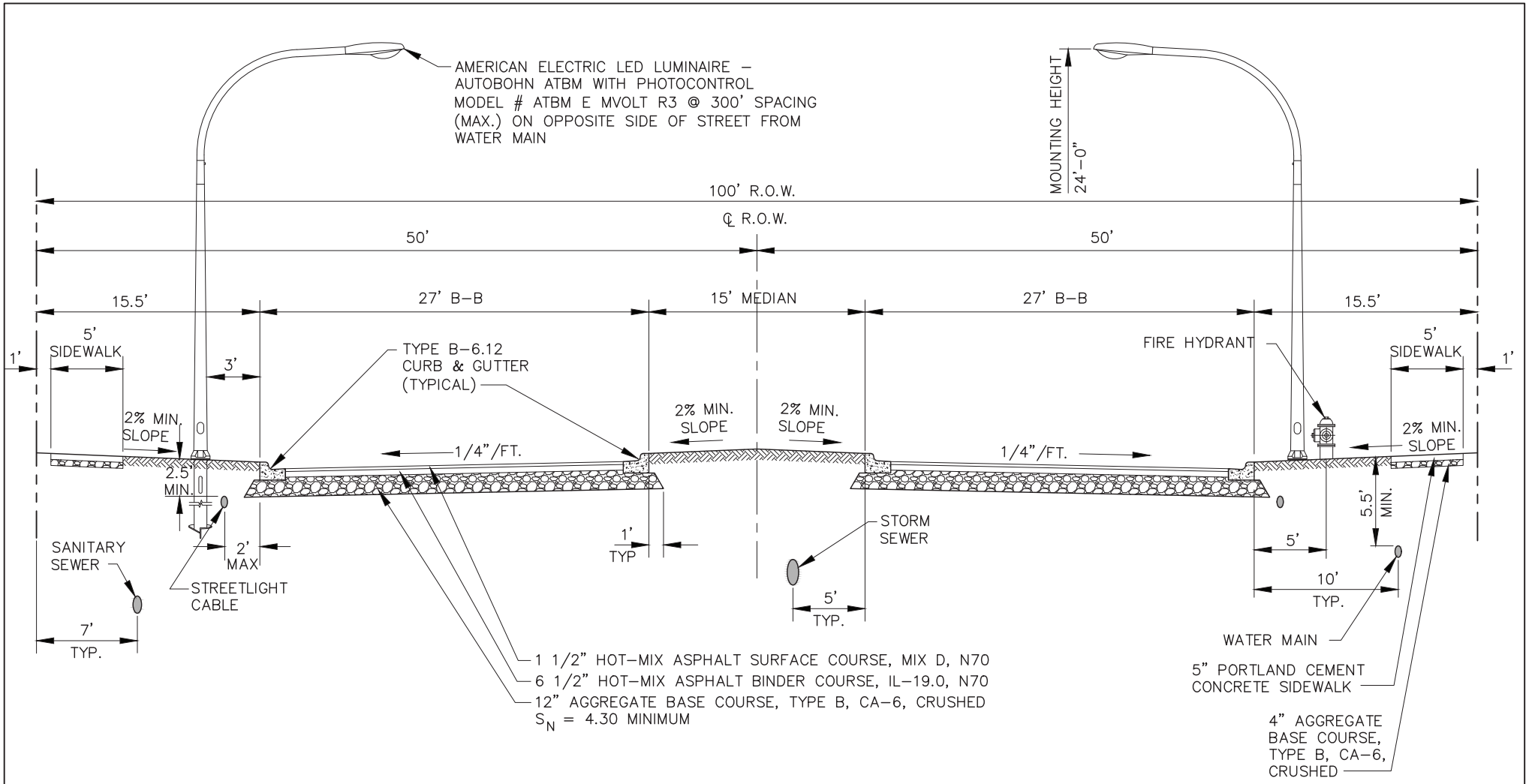
SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D101	DRAWN: CLN
DATE: 11/10/04		REVISED: 5/19/16



Village of Montgomery
891 KNELL ROAD
MONTGOMERY, IL 60538
(630) 896-9241

TYPICAL STREET AND R.O.W. SECTION BOULEVARD MAJOR COLLECTOR

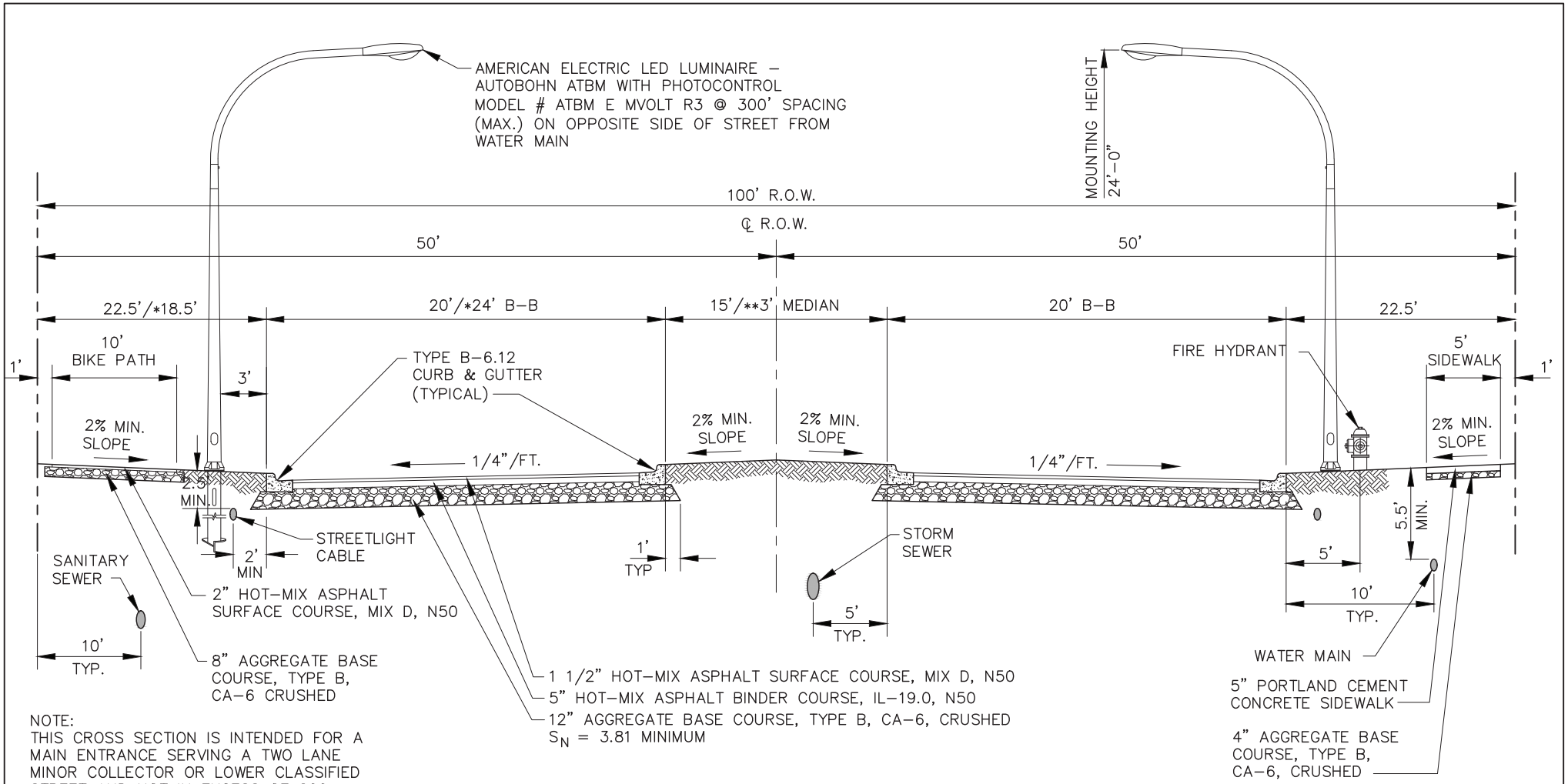
SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D102	DRAWN: CLN
DATE: 11/10/04		REVISED: 5/19/16



Village of Montgomery
991 KNELL ROAD
MONTGOMERY, IL 60538
(630) 896-9241

TYPICAL STREET AND R.O.W. SECTION COLLECTOR – COMMERCIAL BOULEVARD

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D103	DRAWN: CLN
DATE: 11/10/04		REVISED: 5/19/16



NOTE:
THIS CROSS SECTION IS INTENDED FOR A MAIN ENTRANCE SERVING A TWO LANE MINOR COLLECTOR OR LOWER CLASSIFIED STREET AND NOT IN EXCESS OF 200 FEET IN LENGTH

* USE WHEN 2 OUTBOUND LANES ARE REQUIRED

** USED WHEN LEFT–TURN LANE IS CUT INTO MEDIAN

Village of Montgomery
991 KNELL ROAD
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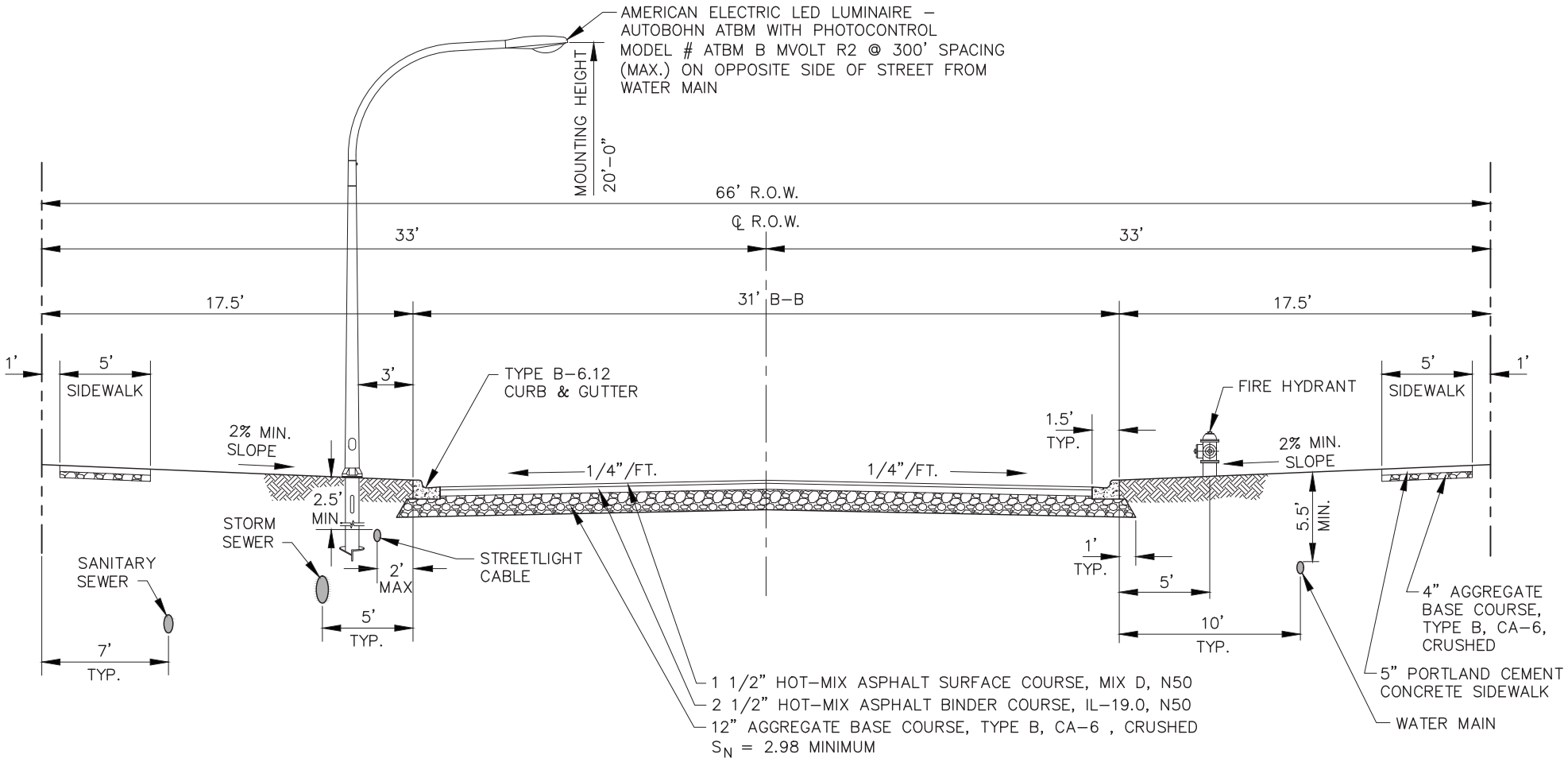
TYPICAL STREET AND R.O.W. SECTION BOULEVARD MAIN SUBDIVISION ENTRANCE

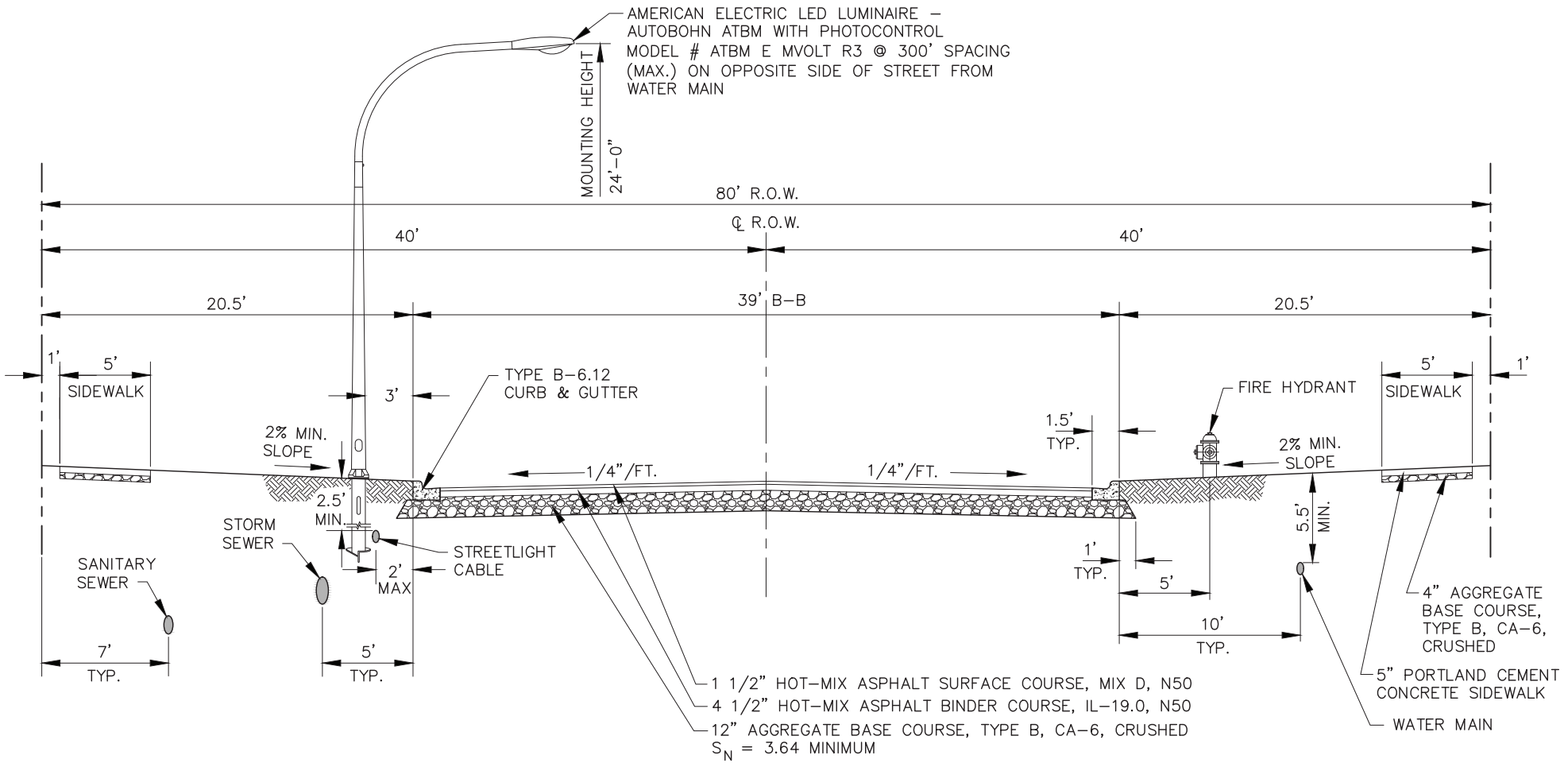
SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D104	DRAWN: CLN
DATE: 11/10/04		REVISED: 5–19/16



Village of Montgomery
991 KNELL ROAD
MONTGOMERY, IL 60538
(630) 896–9241

TYPICAL STREET AND R.O.W. SECTION
LOCAL – RESIDENTIAL

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D105	DRAWN: CLN
DATE: 11/10/04		REVISED: 5/19/16



Village of Montgomery
991 KNELL ROAD
MONTGOMERY, IL 60538
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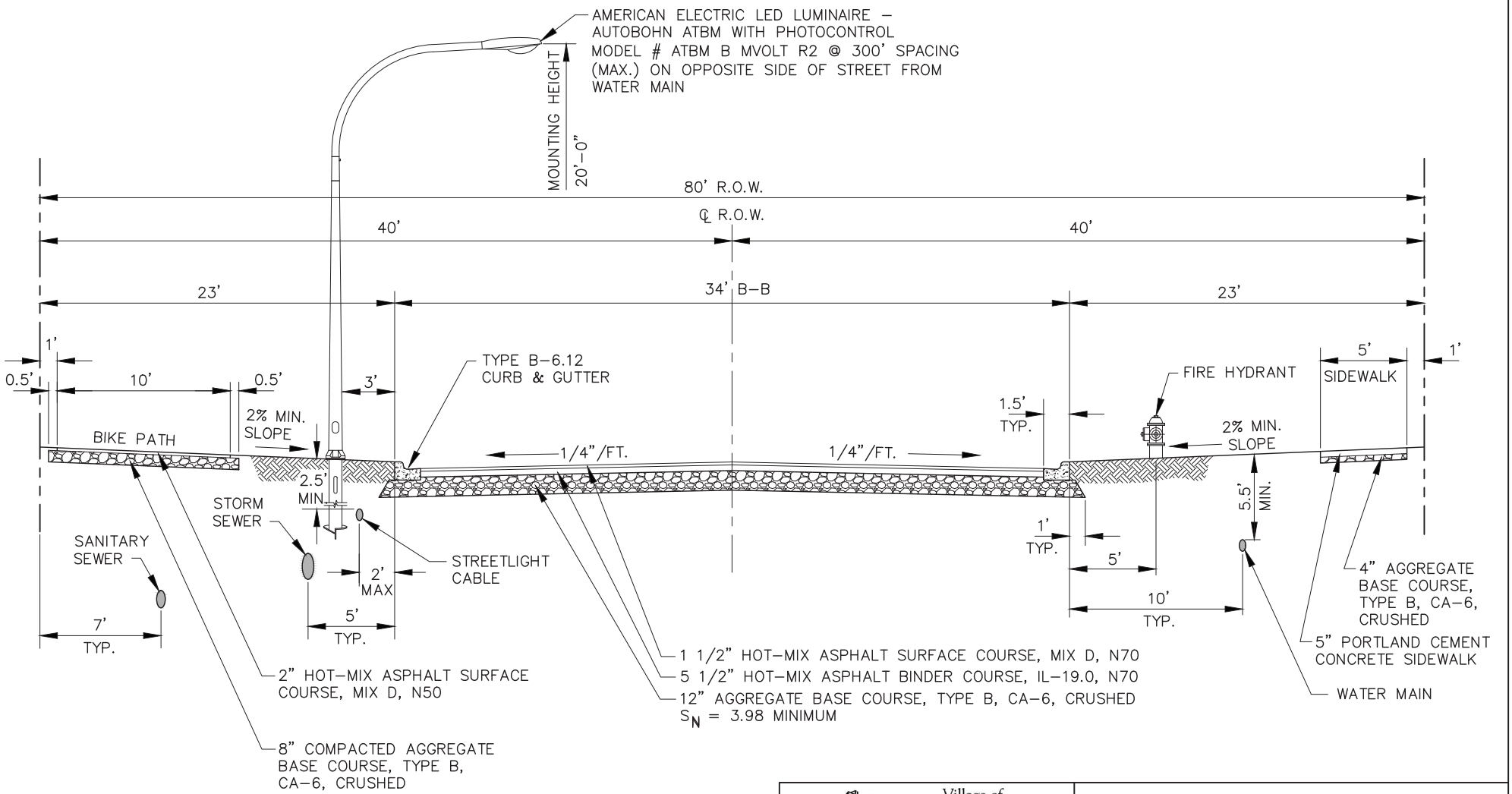
TYPICAL STREET AND R.O.W. SECTION
LOCAL – COMMERCIAL

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D106	DRAWN: CLN
DATE: 11/10/04		REVISED: 5/19/16

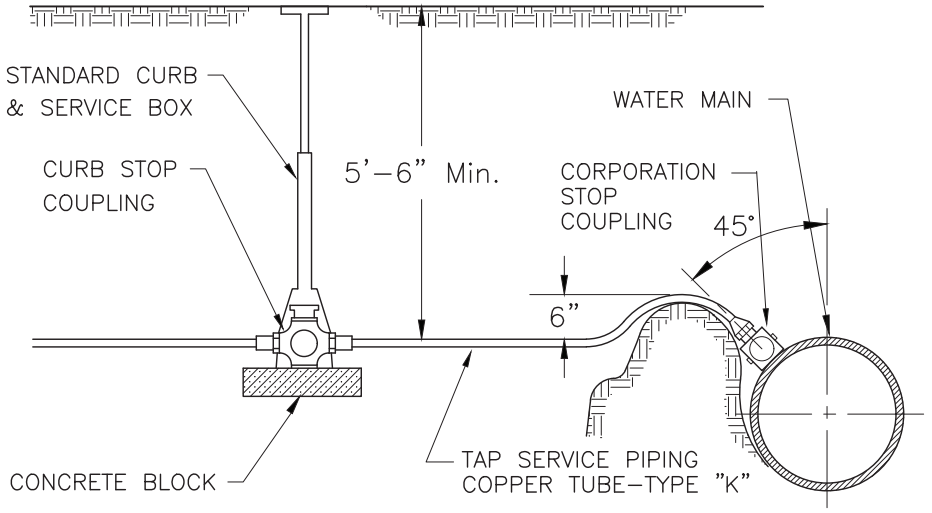


Village of Montgomery
991 KNELL ROAD
MONTGOMERY, IL 60538
(630) 896-9241

TYPICAL STREET AND R.O.W. SECTION
LOCAL – INDUSTRIAL

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D107	DRAWN: CLN
DATE: 11/10/04		REVISED: 5/19/16

PARKWAY AREAS



1" SERVICE	MUELLER	A.Y. MCDONALD
CORPORATION STOP	H–15000	4701
CURB STOP COUPLING	H–15154	6104
MINNEAPOLIS PATTERN SERVICE BOX	H–10300	5614
SERVICE PIPE	TYPE "K" COPPER PIPE	

NOTES:

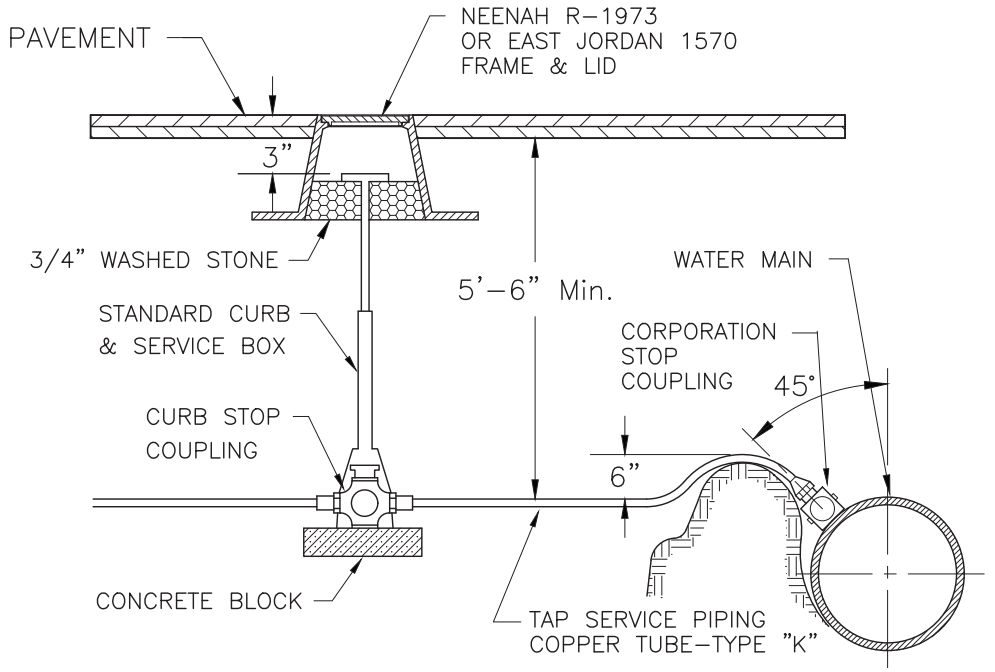
1. FITTINGS SHALL BE MUELLER OR A.Y. MCDONALD.
2. FLARED FITTINGS AND COMPRESSION FITTINGS WILL BE ACCEPTED AS EQUAL.
3. TAPS LARGER THAN 1" SHALL HAVE A DUCTILE IRON SADDLE WITH 2 BANDS. THE BANDS AND ALL ACCESSORIES SHALL BE STAINLESS STEEL.

Village of Montgomery
991 KNELL ROAD
MONTGOMERY, IL 60538
(630) 896-9241

TYPICAL SERVICE TAP AND CONNECTION

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D108	DRAWN: K.K.P.
DATE: 4/12/05		REVISED:

PAVED AREAS



1" SERVICE	MUELLER	A.Y. MCDONALD
CORPORATION STOP	H–15000	4701
CURB STOP COUPLING	H–15154	6104
MINNEAPOLIS PATTERN SERVICE BOX	H–10300	5614
SERVICE PIPE	TYPE "K" COPPER PIPE	

NOTES:

1. FITTINGS SHALL BE MUELLER OR A.Y. MCDONALD.
2. FLARED FITTINGS AND COMPRESSION FITTINGS WILL BE ACCEPTED AS EQUAL.
3. TAPS LARGER THAN 1" SHALL HAVE A DUCTILE IRON SADDLE WITH 2 BANDS. THE BANDS AND ALL ACCESSORIES SHALL BE STAINLESS STEEL.
4. FRAME AND LID IS TO PROTECT WATER SHUT OFF FROM DAMAGE FROM SNOW PLOWS.

Village of Montgomery
991 KNELL ROAD
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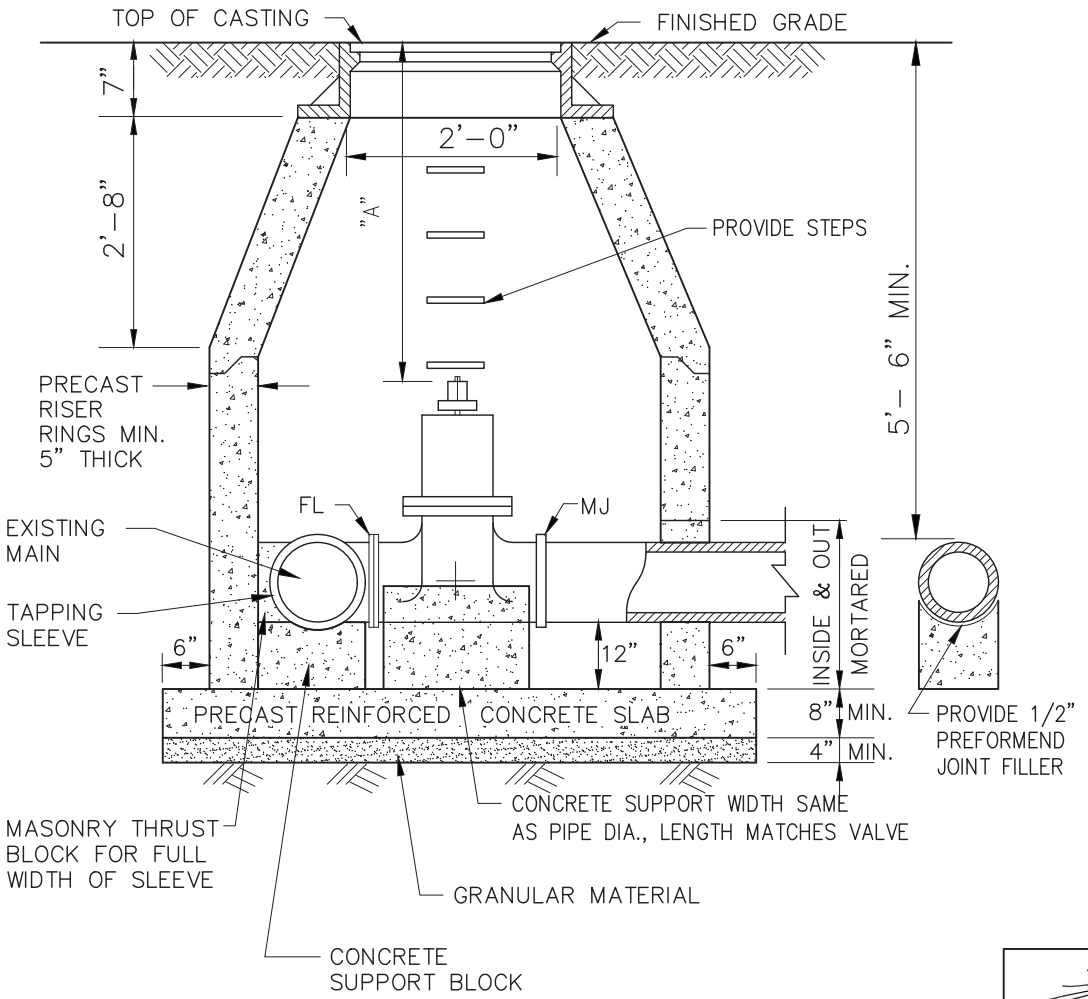
(630) 896-9241

TYPICAL SERVICE TAP AND CONNECTION IN PAVED AREAS

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D109	DRAWN: K.K.P
DATE: 4/12/05		REVISED:



NOTES:

1. IF "A" IS GREATER THAN 6'-0" PROVIDE AN EXTENSION ON THE OPERATING NUT.
2. VALVE VAULT SHALL HAVE A DIA. OF 60" FOR 10" AND SMALLER VALVES AND 72" FOR 12" AND LARGER VALVES.
3. FRAME AND LID SHALL BE NEENAH R-1713, EAST JORDAN 1050, OR APPROVED EQUAL. "WATER" SHALL BE ON THE LID.
4. A MAXIMUM OF 8" OF ADJUSTING RINGS SHALL BE USED. NO MORE THAN TWO ADJUSTING RINGS ARE ALLOWED. ANY REQUIRED ADJUSTMENT GREATER THAN 12" WILL NECESSITATE THE ADDITION OF A BARREL SECTION.
5. ALL PRESSURE TAPS SHALL BE MADE WITH A MUELLER MECHANICAL JOINT TAPPING SLEEVE NO. H-615 AND MUELLER RESILIENT WEDGE TAPPING VALVE (MJXFL) NO. T-2360-16 OR AMERICAN FLOW CONTROL SERIES 2800 TAPPING SLEEVE AND AMERICAN FLOW CONTROL SERIES 2500 RESILIENT WEDGE TAPPING VALVE (MJXFL).

Village of Montgomery
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MONTGOMERY, IL 60538
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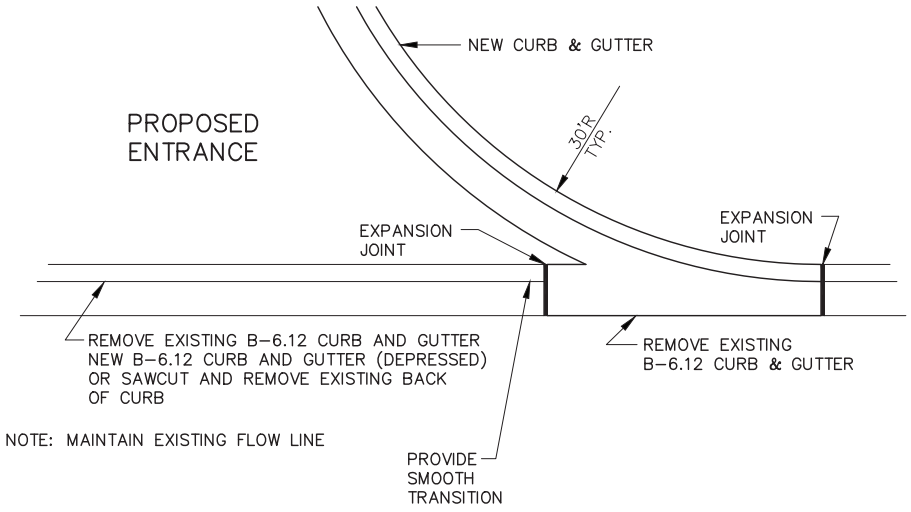
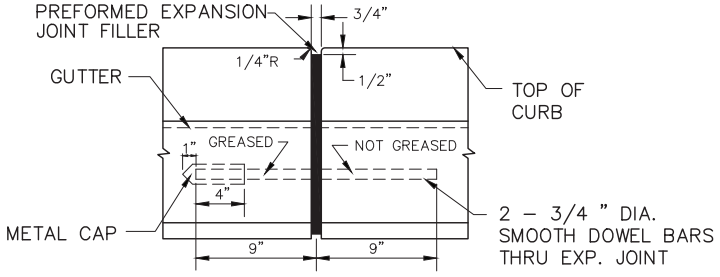
PRESSURE CONNECTION DETAIL

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D110	DRAWN: KKP
DATE: 6/18/07		REVISED:



VILLAGE STREET



Village of Montgomery
991 KNELL ROAD
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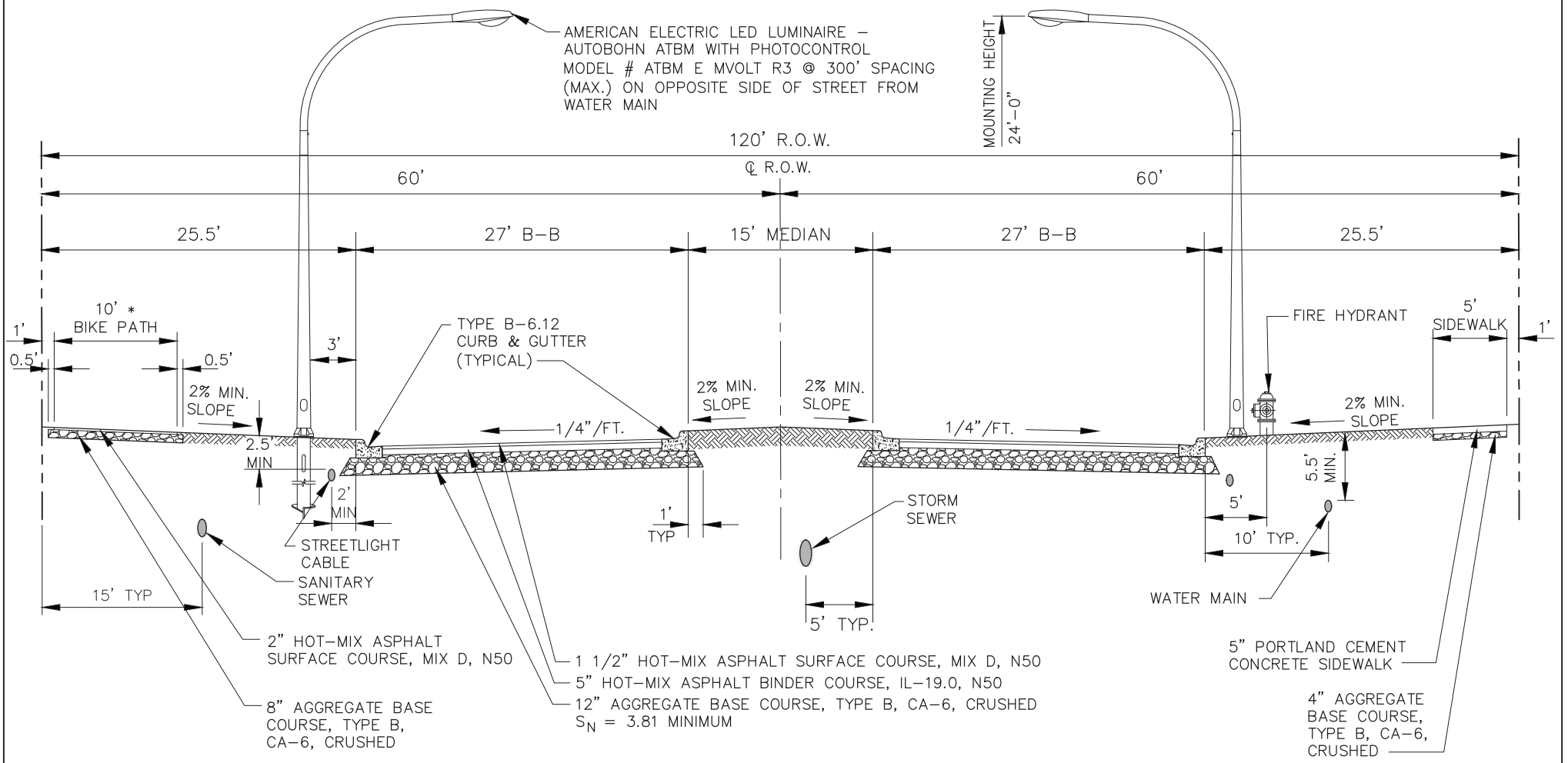
(630) 896-9241

TYP CURB TRANSITION FOR NEW DRIVEWAY

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D111	DRAWN: KKP
DATE: 9/24/10		REVISED:



*BIKE PATH TO BE 12' WIDE IF ONLY ON ONE SIDE OF ROAD PER UDO.

Village of Montgomery
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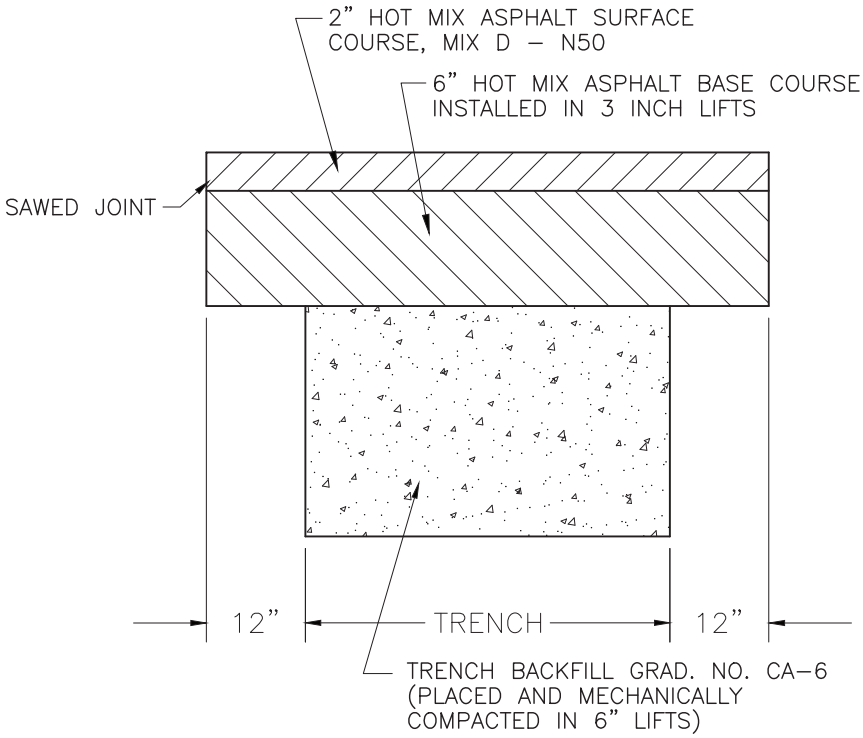
(630) 896-9241

TYPICAL STREET AND R.O.W. SECTION BOULEVARD MINOR COLLECTOR WITH BIKE PATH

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D112	DRAWN: CLN
DATE: 04/07/09		REVISED: 3/24/24

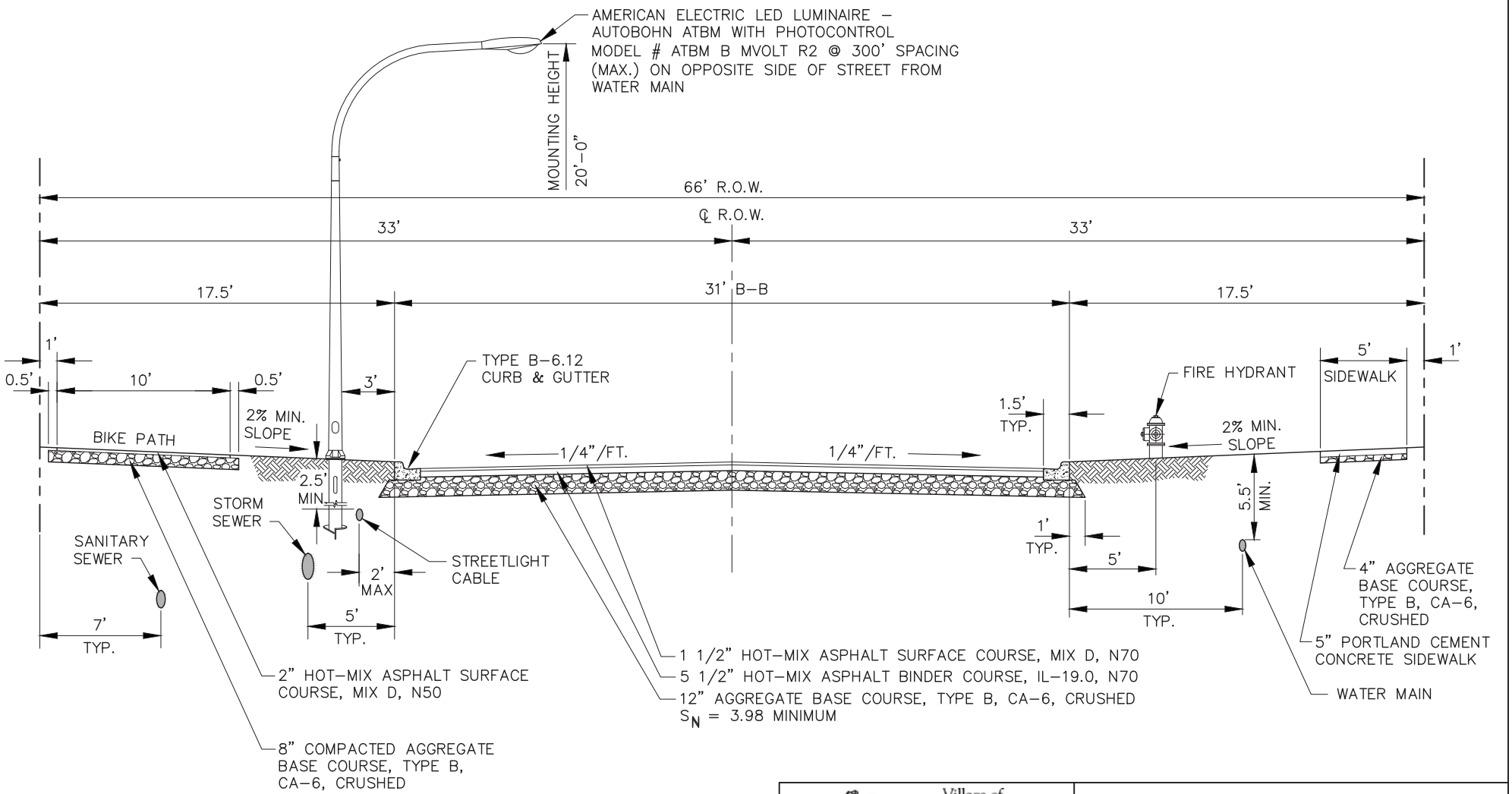


NOTE:

PAVEMENT SHALL BE REMOVED OUTSIDE OF THE TRENCH NEAT LINE ONLY AFTER THE TRENCH HAS BEEN BACKFILLED AND CONSOLIDATED. THEN THE EXISTING SURFACE SHALL BE SAWED TO PRESERVE A NEAT LINE FOR THE ENTIRE LENGTH OF TRENCH ON EACH SIDE.

Village of Montgomery
991 KNELL ROAD
MONTGOMERY, IL 60538
(630) 896–9241

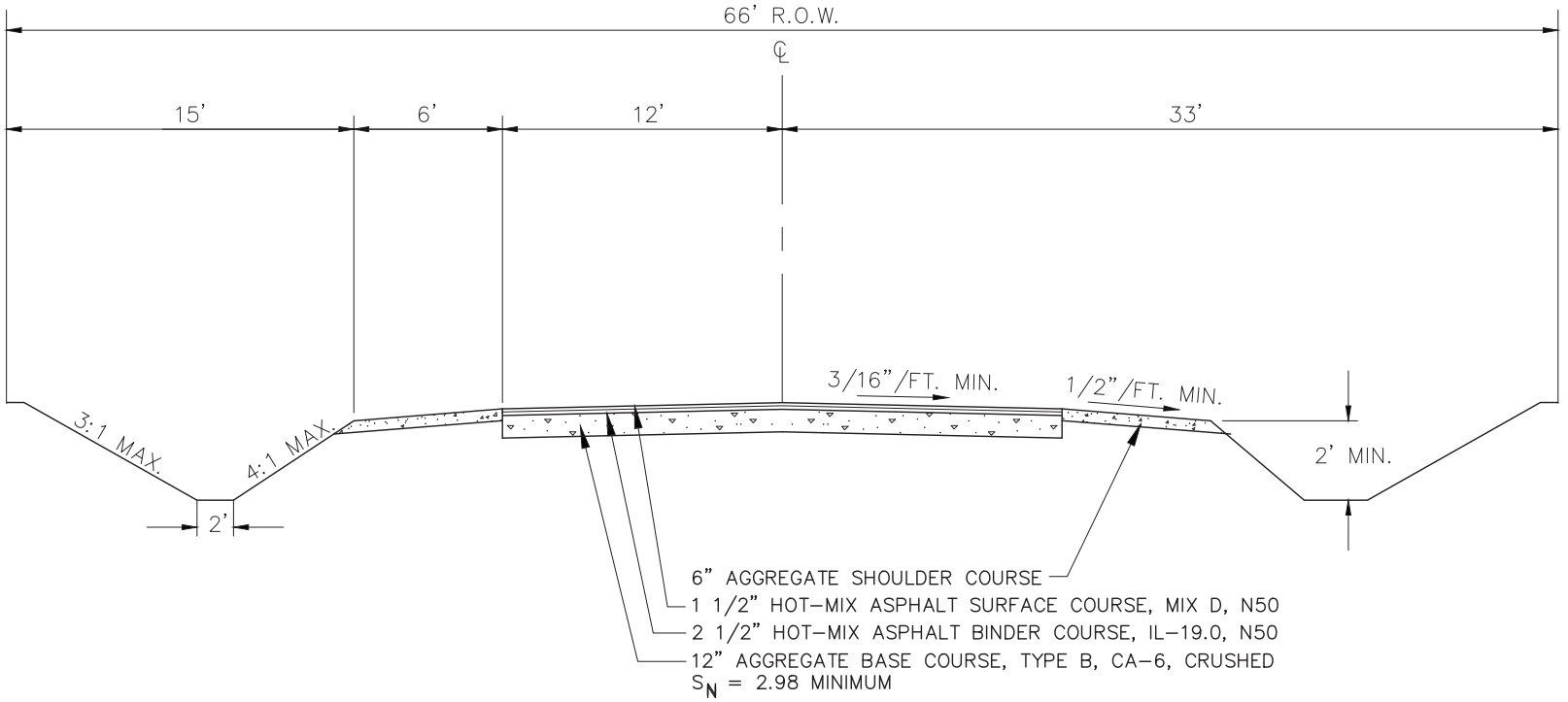
TYPICAL TRENCH SECTION FOR UTILITY CONSTRUCTION (INDUSTRIAL STREETS)			
SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D113	DRAWN: J.P.S	
DATE: 08/23/12		REVISED:	



Village of Montgomery
991 KNELL ROAD
MONTGOMERY, IL 60538
(630) 896–9241

TYPICAL STREET AND R.O.W. SECTION
LOCAL – INDUSTRIAL

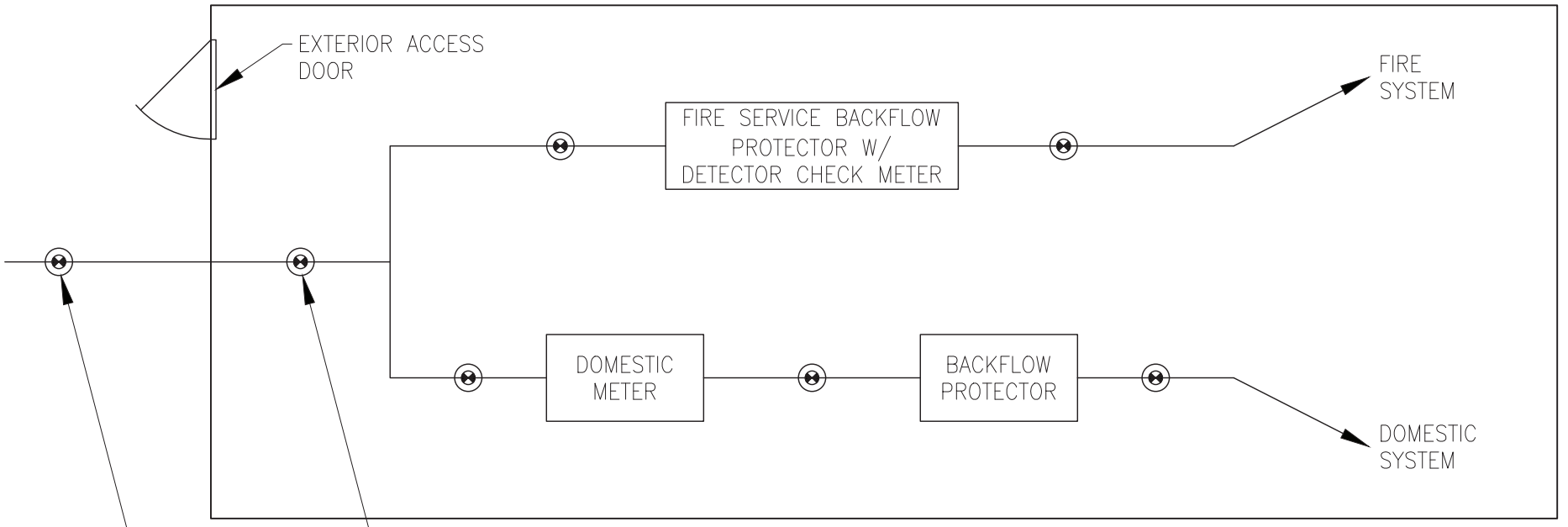
SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D116	DRAWN: CLN
DATE: 11/10/04		REVISED: 9/22/16



Village of Montgomery
991 KNELL ROAD
MONTGOMERY, IL 60538
(630) 896-9241

TYPICAL RURAL ROAD CROSS SECTION

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D117	DRAWN: CLN	
DATE: 9/23/16		REVISED:	



Village of Montgomery
991 KNELL ROAD
MONTGOMERY, IL 60538
(630) 896-9241

TYPICAL WATER SERVICE CONECTION SCHEMATIC

SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\ D118	DRAWN: KKP	
DATE: 9/24/18		REVISED:	

3.03 Private Fire Loop Details

Village of Montgomery Requirements for Private Fire Loop Backflow Preventer and Enclosure

A. If approved by the Village, a private exterior fire loop connected to a public watermain, shall have a double check detector assembly backflow preventer (backflow assembly) and meter installed as close to the public watermain as practical at each point of connection.

B. The backflow assembly shall be installed either in an above ground heated enclosure or in an underground concrete vault.

    a. Above ground enclosures shall be an aluminum enclosure "Hot Box" manufactured by Hubbell Model HB6ES or approved equal and shall include a concrete floor. The enclosure must be installed per the manufacturer's specifications. The enclosure shall include a heater(s). The building owner or contractor shall submit shop drawings to the Village for approval.
    b. Underground vaults shall be constructed of reinforced concrete. The vault shall include a sump with sump pump, heater, lighting and dehumidifier. The vault shall have an aluminum hatch with ladder to permit entry. The building owner or contractor shall submit shop drawings to the Village for approval.

C. The double check detector assembly and Hydroverse meter shall be furnished and installed in the enclosure or vault. The backflow assembly shall be sized to accommodate the required fire flow and shall be approved by the Village/Fire District. The backflow assembly shall be a Watts Series 709DCDA or approved equal and shall have isolation valves on both sides of the Backflow Preventer. On the downstream side of the backflow preventer assembly, furnish and install a Hydroverse meter with remote register at the required size to meet the fire flow requirements and an additional isolation gate valve. The building owner or contractor shall submit shop drawings to the Village for approval prior to installation.

D. Alarms and SCADA connections:

    a. Each enclosure shall be equipped with a monitored low temperature sensor.
    b. The detector meter and Hydroverse meter shall be tied into the Village's meter reading system.
    c. The underground vault shall be equipped with the following additional alarm- station flooding.

E. Each Fire Loop connection shall have a separate valve and valve vault installed in the public ROW or easement prior to the enclosure.

F. Each enclosure will be installed in a dedicated easement on private property, the location to be approved by the Village. The Village and Fire District shall have 24/7 access to the enclosure. The building owner is responsible for the maintenance and replacement of the enclosure/vault and backflow/meter assembly. Easement Provisions can be found in Section 2 of this Manual.

G. The backflow preventer assembly and meter shall be installed in accordance with all current village, county, state and federal building and plumbing codes. The assembly and enclosure shall be tested prior to acceptance.

H. The backflow preventer(s) shall be certified annually by the building owner in accordance with the Village's requirements for backflow preventers.

Hot Box® Sectionalized Aluminum

BACKFLOW PREVENTION ASSEMBLY ENCLOSURE
SPECIFICATION

GENERAL

1.1 WORK INCLUDED

A. Provide and install manufactured backflow prevention assembly enclosure.

1.2 QUALITY ASSURANCE

A. Qualifications: The backflow prevention assembly enclosure manufacturer shall be a company specializing in the manufacture of backflow prevention assembly enclosures with at least **30** years of successful experience designing and selling enclosures to various customers in different climatic regions.

1.3 STORAGE AND HANDLING

A. Store products in shipping containers and maintain in dry place until installation.

1.4 ACCEPTABLE MANUFACTURERS

A. **Hot Box®** or Engineer approved equal.

1.5 REFERENCES

A. ASTM B209.

B. ASTM B221.

C. ASSE 1060-Performance Requirements for Outdoor Enclosures for Backflow Prevention assemblies.

PRODUCTS

2.1 SECTIONALIZED ALUMINUM ENCLOSURES

A. Enclosure shall be factory assembled with tongue and grooved sections that slide together and are then secured to the concrete pad with the supplied wedge anchors.

B. Access panels have a four point locking system with pad lockable handle and are completely removable.

C. Drain ports are sized for full port backflow discharge and are designed for a one way operation allowing backflow discharge but not allowing wind, debris and small animals to enter the enclosure.

D. Standard enclosures shall be designed to support a minimum vertical load of 100lb/sf.

E. Standard enclosures up to 36”W x 105”L x 64”H shall be designed to support wind speeds up to 120mph, all larger sizes shall be designed to support wind speeds up to 80mph.

F. Standard enclosures are ASSE 1060 certified.

G. Custom enclosures are designed and constructed in the same manner as standard certified enclosures, but have not been lab tested and listed by ASSE.

2.2 MATERIALS OF FABRICATION

A. Aluminum sheeting shall be 3003 aluminum (.050/18 gauge), stucco embossed finish and shall meet ASTM B209. Stucco embossed finish reduces the glare and helps hide any surface scratches or imperfections received in the field.

B. Bracing shall be 6063-T52 aluminum and shall meet ASTM B221

C. No wood or particle board to be used in the construction.

D. Anchor pads (galvanized steel) with 3/8-16 unc x 2 ¾ long zinc plated wedge anchors and drill bit are to be supplied.

E. Insulation shall be approximately 1.5" unicellular, non-wicking, polyisocyanate foam sprayed in place that forms a monolithic bond between the aluminum bracing and aluminum sheeting.

F. The Insulation shall have the following properties:

Hot Box
3621 Industrial Park Drive
Lenoir City, TN 37771

Contact Information
Phone: (800) 736-0238
waterhlc@hubbell.com
www.hot-box.com

• R-Value	10
• Dimensional Stability	less than 2% linear change
• Compressive Strength	51psi
• Flame point	325 degrees
• Water absorption	.037psf
• Porosity	91%

2.3 HEATING EQUIPMENT (ASSE 1060 Class I-Required; ASSE 1060 Class II-Optional)

A. Heating equipment shall protect the piping and equipment from exterior temperatures to -30°F. ETL listed thermostatically controlled wall mounted air forced heaters shall be furnished and designed by the enclosure manufacturer to maintain the equipment at +40°F, in accordance with ASSE 1060 1.2.2.1.

B. Heating equipment shall be wall mounted to the supplied heater plates and a minimum of 8” above the slab unless it is UL or ETL certified and NEC approved for submersion.

C. Power source shall be protected with a GFI receptacle, U.L. 943, NEMA.3R. Mounted a minimum of 8” from the bottom of the receptacle to the top of the slab.

D. Separate 20 amp circuits are recommended for each heater, so in the event a circuit fails all other circuits will remain powered. Installations must be in accordance with the local and national codes.

E. The heaters shall be ETL listed for wet/damp locations.

2.4 RECOMMENDED SLAB SIZE & INSTALLATION

A. The recommended slab size shall be 9” larger than the enclosures exterior dimensions and a minimum of 4” thick.

B. The enclosure shall be assembled and mounted to concrete slab per the manufactures instructions provided with the enclosure.

Engineering Specification

Job Name _____ Contractor _____

Job Location _____ Approval _____

Engineer _____ Contractor's P.O. No. _____

Approval _____ Representative _____

Series 709DCDA

Double Check Detector Assemblies

Sizes: 3" – 10"

Series 709DCDA Double Check Detector Assemblies are designed exclusively for use in accordance with water authority containment requirements. It is mandatory to prevent the reverse flow of fire protection system substances, i.e. glycerin wetting agents, stagnant water and water of non-potable quality from being pumped or siphoned into the potable water line.

Benefits: Detects leaks . . . with emphasis on the cost of unaccountable water; incorporates a meter which allows the water utility to:

- Detect leaks underground that historically create great annual cost due to waste.
- Provide a detection point for unauthorized use. It can help locate illegal taps.

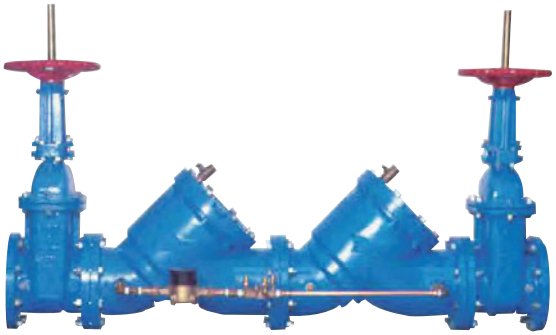
Modular check design concept facilitates maintenance and assembly access. The coating on this backflow assembly uses ArmorTek™ technology to resist corrosion due to microbial induced corrosion (MIC) or exposed metal substrate. All sizes are standardly equipped with resilient seated OSY shutoff valves, ⅝" x ¾" meter and ball type test cocks.

Features

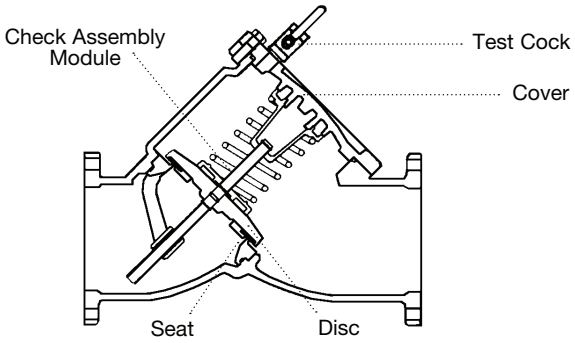
- Body construction fused epoxy coated cast iron
- Replaceable bronze seats
- Maximum flow at low pressure drop
- Compact for economy combined with performance
- Design simplicity for easy maintenance
- Utilizes advanced ArmorTek™ coating technology to resist corrosion of internals
- Furnished with ⅝" x ¾" bronze meter
- No special tools required for servicing

Specifications

A Double Check Detector Assembly shall be installed on fire protection systems when connected to a potable water supply. Degree of hazard present is determined by the local authority having jurisdiction. The unit shall be a complete assembly including UL listed resilient seated OSY shutoff valves and test cocks. The unit shall be UL/FM approved with UL/FM approved OSY shutoff valves. The auxiliary line shall consist of an approved backflow preventer and water meter. The assembly shall meet the basic requirements of ASSE 1048; AWWA Std. C510 for Double Check Valves. The valve body shall utilize a coating system with built in electrochemical corrosion inhibitor and microbial inhibitor. Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California. Assembly shall be a Watts Series 709DCDA.



709DCDAOSY



Check Assembly Module

Features a modular design concept which facilitates complete maintenance and assembly by retaining the spring load.

First and second check valve spring modules are not interchangeable.

Now Available
WattsBox Insulated Enclosures.
For more information, send for literature ES-WB.

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

NOTICE

Inquire with governing authorities for local installation requirements

WATTS®

Materials

Body:	Epoxy coated cast iron
Seat:	Bronze
Disc Holder:	Bronze
Trim:	Stainless steel
Check Valve Discs:	Rubber
Test Cocks:	Bronze

Models

Suffix:

OSY	UL/FM outside stem and yoke resilient seated gate valves
CFM	cubic feet per minute meter
GPM	gallons per minute meter
LF	4" – 10" without shutoff valves

Pressure – Temperature

Temperature Range: 33˚ F – 110˚F (0.5˚ – 43˚C) continuous, 140˚F (60˚C) intermittent

Maximum Working Pressure: 175psi (12.1bar)

Standards

AWWA Standard C510

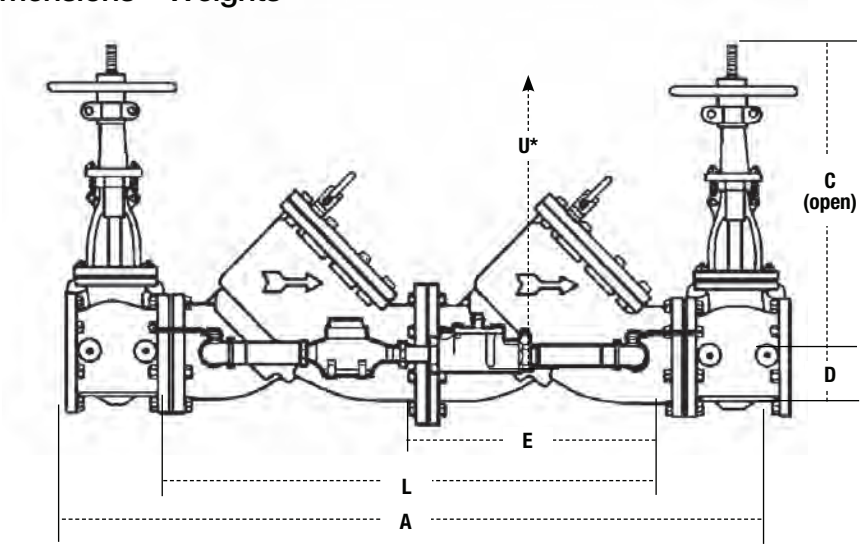
Approvals

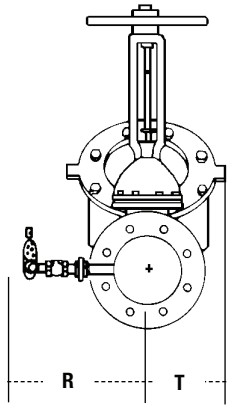
B.64 1048

Approved by the foundation for Cross-Connection Controland Hydraulic Research at the University of Southern California. Sizes 4" – 10" approved for horizontal and vertical “flow up”. Size 3" approved for horizontal only.

Factory Mutual approved 4" – 10" vertical “flow up”.

Dimensions – Weights



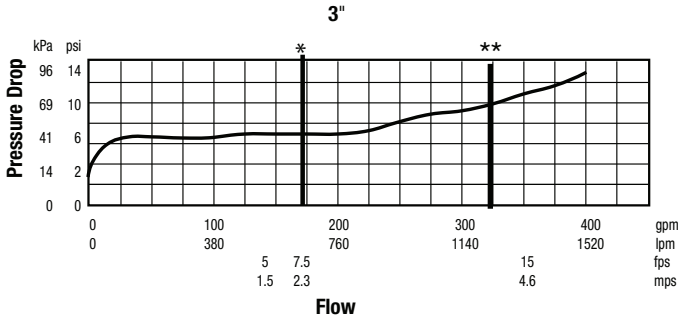


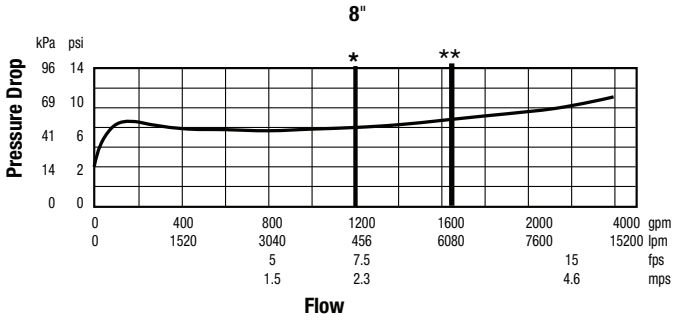
SIZE	DIMENSIONS																WEIGHT	
	A		C		D		E		L		R		T		U*		W/OSY† gates	
In.	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*lbs.*	*kgs.*
3	40	1016	18⅞	479	3½	89	12	305	24	610	14	356	3	76	14	356	190	86
4	52	1321	22¾	578	3¾	95	17	432	34	864	15	381	6	152	14	356	403	183
6	62½	1588	30⅛	765	4½	114	21	533	41½	1054	16	406	7½	191	16	406	727	330
8	75	1905	37¾	959	5½	140	26	660	52	1321	17	432	9	229	21	533	1327	602
10	90	2286	45¾	1162	6½	165	32	813	64	1626	18	457	10¼	260	25	635	2093	949

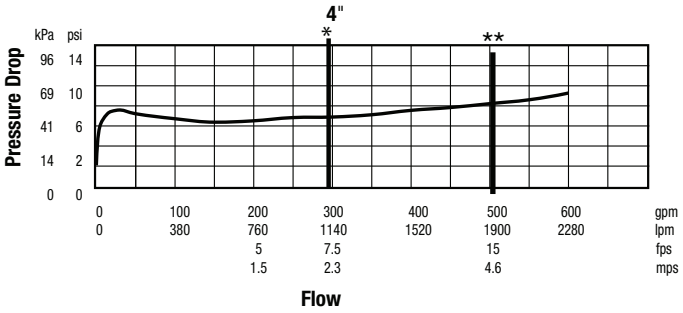
* Service clearance for check assembly from center.
†UL/FM approved backflow preventers must include UL/FM approved OSY.

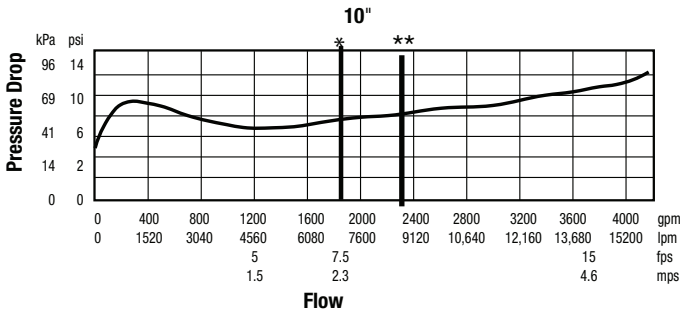
Capacity

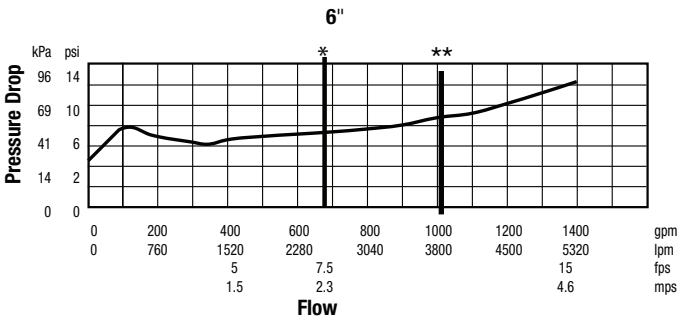
*Typical maximum system flow rate (7.5 ft./Sec.) **UL rated flow



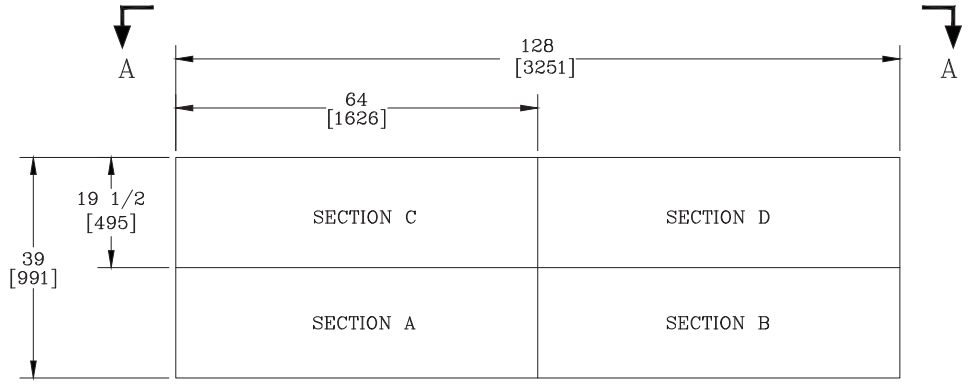


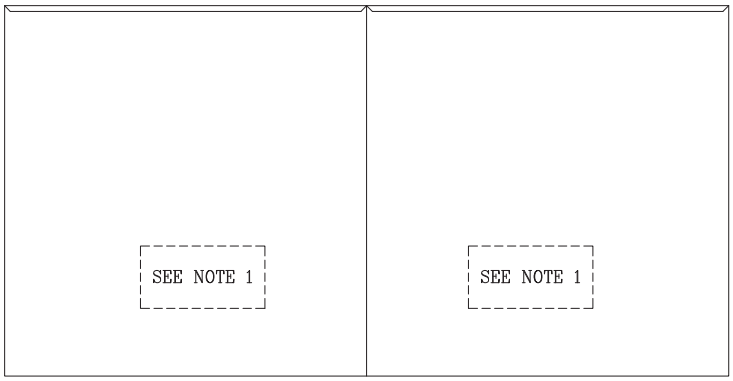




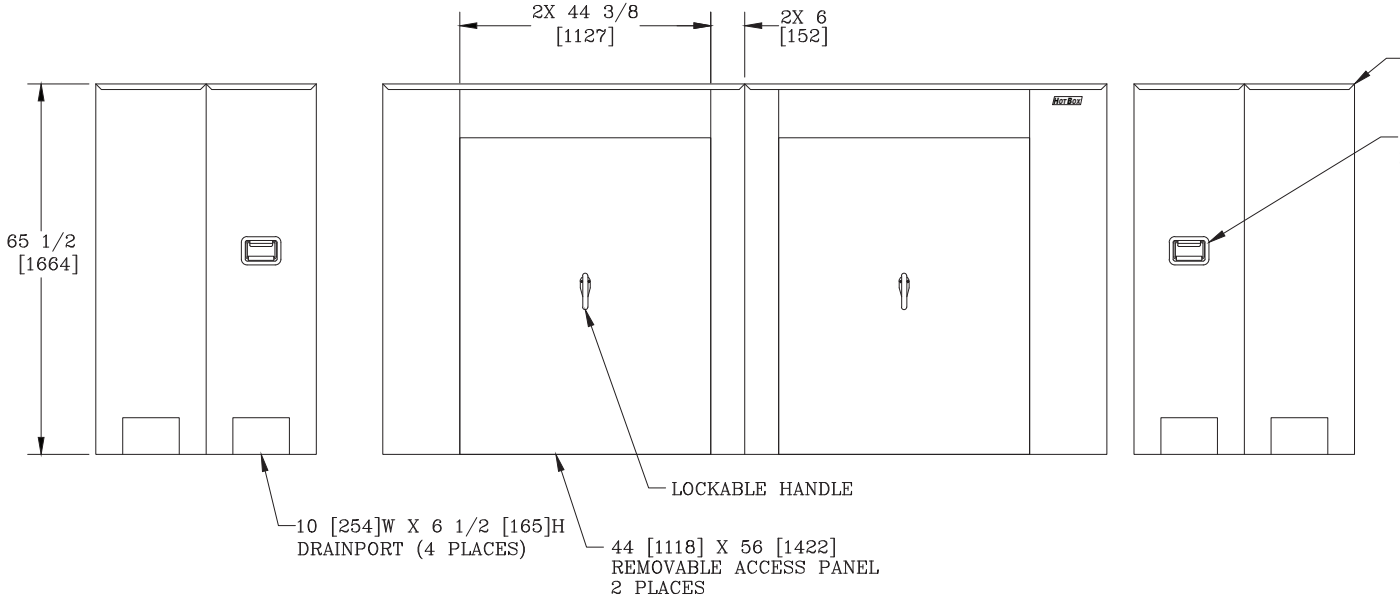


USA: T: (978) 689-6066 • F: (978) 975-8350 • Watts.com
Canada: T: (888) 208-8927 • F: (905) 481-2316 • Watts.ca
Latin America: T: (52) 55-4122-0138 • Watts.com





VIEW A–A



NOTES:

1. HEAT IS PROVIDED BY (2) 1500WATT, 120V SINGLE PHASE HEATERS. FOR UNHEATED VERSION REPLACE THE PREFIX "H" WITH AN "L".
2. INTERNAL DIMENSIONS: 36 [914]W X 125 [3175]L X 64 [1626]H
3. FOR RECOMMENDED SLAB SIZE ADD 9" [229] TO THE ENCLOSURE EXTERIOR.

DIMENSIONS ARE IN INCHES OR MILLIMETERS IN BRACKETS UNLESS OTHERWISE NOTED.

	BY	DATE
DRN	KPC	9/14/09
CHK		
ENG		
APR		
APR		

WEIGHT 323# 147kg
SCALE 1/2"=1'
SIZE B

HUBBELL®
3621 INDUSTRIAL PARK DR
LENOIR CITY, TN 37771
800-346-3062
www.hot-box.com

LOC LC S

DRAWING DESCRIPTION
HOT BOX®
(4 SECTION) ALUMINUM ENCLOSURE
HB6ES

REV A 9/09

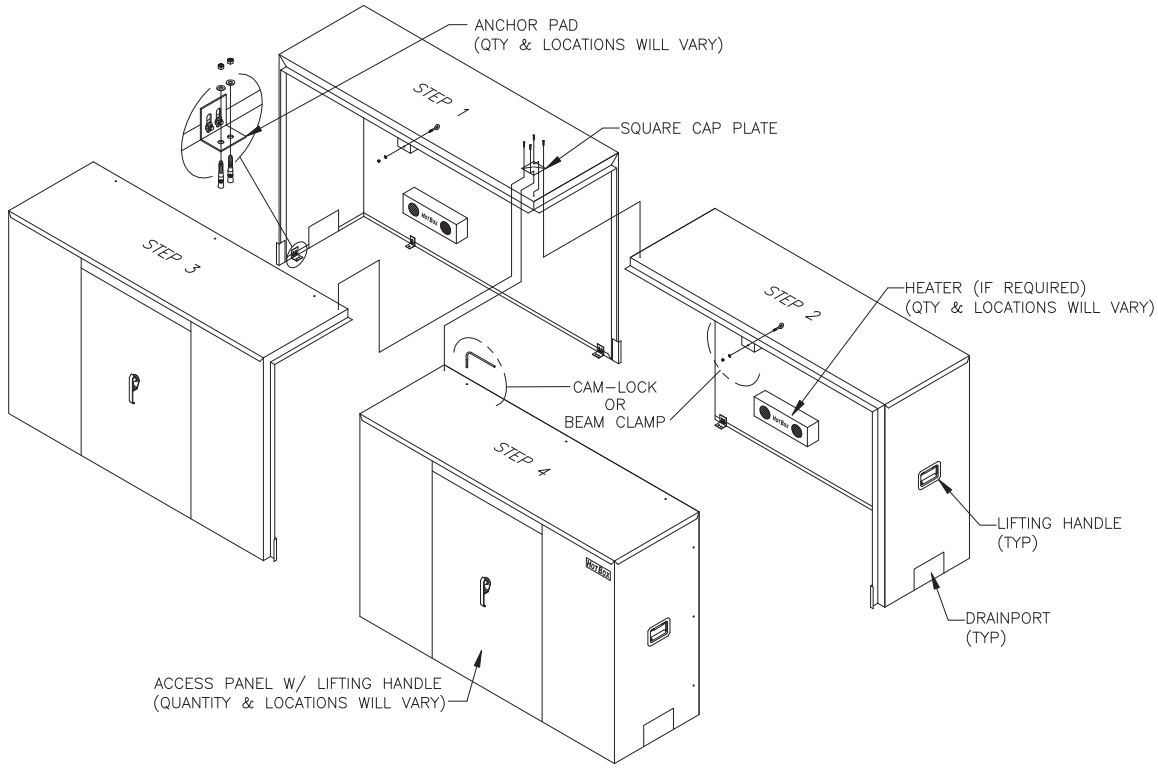
PROJECT NUMBER 09869

DRAWING NUMBER HA036125064

SHEET 1 OF 1

Installation for Sectionalized Aluminum Enclosures

Rev 5/16



*Note the receptacles and the concrete slab should be prepared and fully cured before the enclosure is unpackaged.

1. Remove the access panels from the sections and place aside. This will lighten the sections for an easier installation.

2. Place the sections as close to their final positions as possible. The order of installation is always “Rear” left to right and then “Front” left to right regardless of the number of sections your enclosure has. (4 section shown)

3. Each section has a male and a female edge. Lift each section (10”-12”) and position over the mating edge and carefully lower the section into position keeping it flush against the opposing section’s edge until it seats properly.

4. Place the enclosure in its final position. **Do not tear the gasket on the enclosure’s base or around the male/female edges while sliding the sections together or positioning the enclosure.**

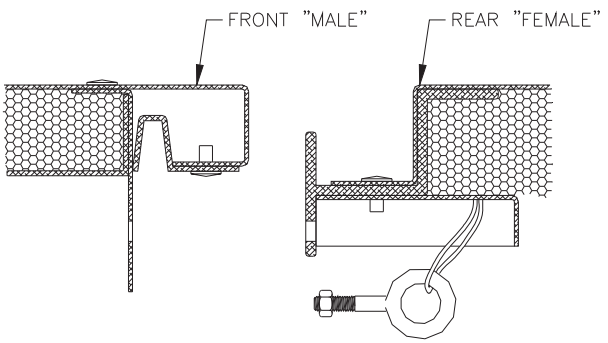
5. The enclosure must be squared and leveled to assure proper fit of the sections. The anchor pads within the enclosure double as levelers. If needed loosen the bolts attaching the anchor pads to the enclosure. Each pad is slotted for vertical movement. When level tighten the pad bolts to the enclosure wall.

6. Install the access panels. If the fit is not right or if light may be seen through any seam, the square of the enclosure is incorrect and must be reassessed. Remove the access panels.

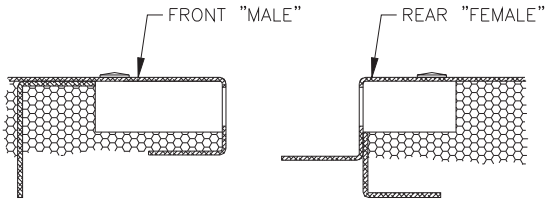
7. Locate the interior anchors. Mark and drill 3/8” diameter holes x 2” deep with the supplied bit and drive the wedge anchors into the holes and tighten with the washer and nut.

Hot Box
3621 Industrial Park Drive
Lenoir City, TN 37771

Contact Information
Phone: (800) 346-3062
waterhlc@hubbell.com
www.hot-box.com



"BEAM CLAMP" STYLE CONNECTION



"CAM–LOCK" STYLE CONNECTION

8. Determine if your enclosure has Beam clamp or Cam-locks. (see diagram above)

9. For Beam clamp style enclosures: tighten the Beam clamp eyebolts and wing nuts. (located at the top seam inside the enclosure).

10. For Cam-lock style enclosures: fully engage the Cam-locks. (located on the exterior walls along the seams) using the supplied allen wrench tool. Place the plastic plugs in the keyholes for protection.

11. Enclosures larger than 72" wide (inside) will be supplied with 2 x 1 support channels. They are attached with the supplied hardware to the underside of the horizontal roof bracing. Use a ratchet and a 1/2" deep socket to attach.

12. In some cases the size of the enclosure (typically 4 sections and larger) may cause a slight leaking during inclement weather. To prevent this Aluminum tape has been provided. (for 4 sections and larger) We recommend that the contractor lay a bead of silicon caulking in all seams and tape over the entire seam on the top of the enclosure. This is for situations where the enclosure is to be a "permanent" structure.

13. For enclosures with four or more sections square cap plates have been supplied to cover the areas where four corners of the sections come together on the top of the enclosure. Place the caps over the intersection and screw into place. Apply the supplied aluminum tape to the top seams for additional water proofing.

14. Hang the heater (if required) on the factory mounted heater plate and plug into a G.F.I. protected receptacle.

15. Place the access panels in their respective openings and insert padlocks (not included) through the handles.

Warning! A ground fault circuit interrupting device shall be installed in the electrical supply circuit to the heater(s). Failure to do so may result in injury or death. The interior of this enclosure is a damp location. Contractors other than Hot Box are responsible for the installation of the G.F.I. protected service and receptacles. When multiple heaters are required it is recommended that each 1000w, 1500w or 2000w convection heater be on separate 20 amp circuits so in the event a circuit fails, all other circuits will remain powered. All installations to be in accordance with the local and national codes.

Hot Box
3621 Industrial Park Drive
Lenoir City, TN 37771

Contact Information
Phone: (800) 346-3062
waterhlc@hubbell.com
www.hot-box.com

3.04 Engineering Checklists

ENGINEERING ENTERPRISES, INC.
52 Wheeler Road
Sugar Grove, IL 60554

PROJECT NAME: _____
REVIEWED BY: _____
DATE: _____

NOT APPLICABLE	ACCEPTABLE	DEFICIENT	
			CHECKLIST FOR FINAL ENGINEERING PLAN REVIEW
			SECTION 1: GENERAL INFORMATION
			A. Plans shall be prepared on 24" x 36" sheets.
			B. Scales shall be 1" = 50' horizontal. When it is warranted a larger scale may be approved.
			C. Scale of cross-sections shall be 1" = 50' horizontal and 1" = 5' vertical.
			D. U.S.G.S. datum shall be used on all drawings. Benchmarks used shall be indicated to the nearest .01 foot.
			E. Dates of drawings and all revisions shall be shown.
			F. North arrow and scale shall be shown on all sheets.
			G. An engineer's estimate of construction costs must be submitted for review and to determine the amount of the performance guarantee.
			H. Permits or sign-offs are required by the following agencies:
			1. (IDNR) Consultation Agency Action Report regarding endangered/threatened species or natural areas.
			2. (IHPA) Division of Preservation Services regarding Historic and Archaeological Resources
			3. (IEPA) Division of Water Pollution Control regarding Sanitary Sewer Facilities
			4. (IEPA) Division of Public Water Supplies regarding water supply and distribution
			5. (IEPA) Division of Water Pollution Control regarding a Notice of Intent (NOI) General permit to discharge storm water
			6. (IDOT) regarding point(s) of access to Illinois state roads
			7. (KDOT) regarding point(s) of access to county roads
			8. U.S. Army Corps of Engineers regarding wetlands
			I. The developer shall submit a Land Use Opinion Application to the Kane-DuPage Soil and Water Conservation district as required by state law. All comments shall be provided.
			J. Provide wetland delineation information, status of wetland permit applications, and comment from regulatory agencies.
			K. Other Miscellaneous Required Submittals
			a. Soils Report
			b. Storm sewer calculations
			c. IEPA Permits
			d. NPDES Permits
			e. Traffic Study
			f. Wetland Determination
			g. Field Tile Survey
			h. Tree Survey and Landscape Plan
			SECTION 2: COVER SHEET
			A. Location map showing section lines, scale and North arrow.
			B. Index of sheets.
			C. Legend.
			D. Title stating; "Improvements Plans for (name of subdivision/project)".
			E. Date of preparation.
			F. Note regarding J.U.L.I.E. information.
			G. Signature and seal of Illinois Registered Professional Engineer that prepared the plans.
			H. Benchmarks shall be shown with elevations referenced to U.S.G.S. Datum.
			I. Name, address and telephone number of plan preparer and client.
			SECTION 3: CONSTRUCTION NOTES
			A. Summary of quantities.
			B. Village's Construction Specifications.
			1. Sanitary sewer construction
			2. Watermain construction
			3. Soil Erosion/Sedimentation Control
			4. Street light construction
			SECTION 4: UTILITY SHEETS
			A. Watermains, sanitary sewers, storm sewer and sump pump connections shall be shown on one sheet.
			1. All manholes, catch basins, inlets, fire hydrants and valves shall be numbered.
			2. Show connection of all proposed utilities to existing

ENGINEERING ENTERPRISES, INC.
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utilities. Indicate all relative information for existing utilites.

B. Street lighting, street trees and signs shall be shown on one sheet.
1. Wiring runs shall be shown.
2. Street lights maximum spacing shall not exceed 300' for local and minor collectors.
a. There shall be at least one street light on each intersection, curve and cul-de-sac.
b. Street lights shall be located on the property lines and the opposite side of the street from the watermain.
c. Street lights shall be 3' from back of curb to face of pole.
3. Village's Street light detail to be shown on plan.
4. Street trees shall have a trunk diameter of 3" measured 12" above the ground level.
5. Street trees shall be planted at a rate of two trees per lot, with the exception of corner lots, which shall have four trees. For open space areas along Rights-of-way, trees shall be planted at a rate of one every 40'.
6. Street signs are shown to be installed at all street intersections not previously marked in accordance with the Village ordinance.

SECTION 5: GRADING AND EROSION CONTROL PLANS

A. Shall be at a scale of 1" = 50'.
B. Shall show all lot lines, Right-of-Way lines, building setback lines, sidewalks, curb and gutter and center lines.
C. Grading plans and Erosion Control plans shall be on separate sheets.
D. Grading Plan:
1. Existing and proposed contours shall be shown at 1' intervals.
2. Top of foundation or finished floor shall be indicated on the foot print for the building.
3. Proposed street centerline elevations shall be indicated every 50' and at the high and low points.
4. Channel or swale flowlines shall be indicated every 50'. Cross-sections are required.
5. Sideslopes for swales and berms shall not exceed 4:1.
6. Lowest building opening shall be 2' above 100 year flood elevations, and basement floors shall be at least 2' higher than the normal water level.
7. TF and Lowest Opening shall be 2 feet above any major stormwater conveyance (i.e. draining more than 20 acres or carrying 20 cfs)
8. TF shall be 18" above POP point and 100 year overland flow for minor conveyances.
9. Minimum lot and green area grades shall be 1.5%.
10. Grades will be given at all property corners, break points, building setback lines, sidewalk, top of curb where lot line intersects and any location needed to define a drainage pattern.
11. Drainage arrows shall be shown indicating direction of flow.
12. Large arrows shall be used to indicate the overland flood route.
13. Grades shall be shown as a percentage.
14. Stormwater Management Facilities:
a. Follows the Stormwater Control Ordinance
b. Required and proposed storage volumes shall be shown.
c. Proposed normal and high water elevations shall be shown.
d. All side slopes, above normal water level, shall be 4:1 or flatter.
e. Wet/dry Facilities:
1. Underdrain systems are required and shall be shown.
2. Drainage arrows shall be shown.
3. Bottom slopes shall be a minimum of 2%.
f. Wet Facilities:
1. Shall have a 4' wide safety shelf at a depth of 3'.
2. Shall have sedimentation basins at all inlets to lake.
15. Show all offsite drainage patterns that will affect or be affected by the site in question.

E. Erosion Control Plan:
1. Follows Stormwater Control Ordinance
2. All storm sewer structures, channels, swales, ditches, creeks, waterways, lakes, drainage-ways, stormwater management facilities and excavated material stockpiles shall be shown along with the

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appropriate erosion control measure.

3. Erosion Control details shall be shown.

SECTION 6: PLAN AND PROFILE SHEETS

A. Lot, block and easement lines shall be shown.

B. Easement dimensions shall be indicated.

1. Individual easements for any public utility shall be no less than 15' wide.
2. Refer to Village Code for remainder of easement regulations.

C. Proposed and existing curb & gutter lines, sidewalk lines and property lines shall be shown.

D. Matchlines on all the streets in the plan section.

E. Profiles of both the existing and proposed ground surfaces.

F. Show all existing utilities.

G. Sanitary Sewers

1. Minimum main size is 8" I.D.
2. Maximum distance between manholes does not exceed 400'.
3. Rim and invert elevations shall be shown on plan and profile.
4. Grade, length, size and type of pipe for each section of sewer is shown on plan and profile.
5. PVC SDR 26 pipe shall be used for depths between 3.5' (minimum) and 15'.
6. PVC SDR 21 shall be used for depths between 15' and 20'.
7. PVC DR 18 for depths greater than 20, and when sewer runs between lots.
8. All service connections shall be shown.
    a. Minimum size is 6" I.D.
    b. All connections to main shall be wyes.
    c. Multi-family units to have individual services
9. Risers are shown for individual house services when depths of main exceed 12'.
10. When connecting sanitary services to the existing sanitary sewer, an Insert-a Tee must be used.
11. The minimum allowable cover on a sanitary sewer service is 42 inches.
12. Sanitary sewer service lines that lie above the watermain shall be constructed of water main equivalent PVC pipe.

H. Watermains:

1. Minimum main size is 8" I.D.
2. All watermains shall be looped.
3. Maximum spacing of hydrants is 300'.
4. In general, a minimum of 2 valves will be located at all tees and crosses. In addition, a valve shall be located every second hydrant or such that no more than 10 to 12 houses are affected by a shut down.
5. Valve Types:
    a. For hydrant auxiliary valves and mains 12" and smaller, Gate valves shall be used.
    b. For mains larger than 12", resilient wedge gate valves shall be used.
6. For all valves, valve vaults shall be used.
7. Watermain pipe material shall be indicated.
    a. Ductile Iron Pipe Class 52.
8. All service connections are shown.
9. Multi-family units to have individual services
10. Size and type of watermain shall be shown between valves.
11. A minimum of 5.5' cover on top of water main shall be maintained.
12. B-boxes should be located between the sidewalk and the property line.
13. Watermain Protection shown, if required.

I. Storm Sewer:

1. Minimum main size is 12" I.D.
2. Sump pump conveyance lines shall be 4" when servicing one house, and 6" when servicing more than one house.
3. Direct connections of sump pumps to the storm sewers shall be:
    a. Through a neat bored hole with a tapping collar.
    b. The pipe does not extend more than 1" into the pipe.
    c. The pipe is firmly grouted.
4. Pipe shall be RCP unless otherwise allowed.
5. Inlets at intersections shall be located upstream of sidewalk crossing.
6. Grade, length, size and type of pipe shall be shown.

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7. Minimum depth of cover shall be 1.0' below aggregate base. If not under paved surface minimum cover shall be 1.0 feet.
8. Rim and invert elevations shall be shown in plan and profile.
9. Storm sewer main line will be shown in plan and profile views.
10. The maximum distance between manholes shall not exceed 400'.
11. No more than 300 feet from one direction draining to an inlet.
12. The storm sewer system shall be designed in accordance with the rational method using a 5-year design storm frequency.

J. Streets:

1. All centerline stationing shall be shown.
2. All vertical and horizontal curve information shall be shown.
    a. Vertical curve required for grade difference greater than 1.2%
    b. Minimum K value = 25
3. Corner curb radius is:
    a. 50' for major streets.
    b. 35' for local industrial, commercial and minor collector streets.
    c. 30' for residential streets including cul-de-sacs.
4. Direction of flow along curbs is indicated with arrows.
5. No surface water is carried across or around any street intersection, for for a distance greater than 300'.
6. Grades and gradients:
    a. 0.5% minimum, 3% maximum on industrial and commerical streets.
    b. 0.5% minimum, 6% maximum on residential, cul-de-sac and collector streets.
    c. 0.5% minimum, 4% maximum on major streets.
7. All streets must be bounded by integral concrete curbs and gutters (type B-6.12).
8. Minor streets shall be laid out such that their use by traffic will be discouraged.
9. Centerline offsets must be at least 200'.
10. Clear visibility (300' on primary roads, 200' on secondary roads, and 100' on all other streets).
11. Alleys are not permitted unless deemed necessary.
12. Cul-de-sacs are discouraged, but if approved shall meet the following guidelines:
    a. Maximum length of cul-de-sac shall be 500' (measured along the center line from the intersection at the origin through the center of circle to end of right of way).
    b. Minimum length of cul-de-sac shall be 275'.
    c. Cul-de-sac shall be of nearly circularly shape.
    d. Cul-de-sac shall have a minimum outside diameter of 150' and a minimum paved width of 100' face to face of curb.
13. Refer to Village Code for additional requirements.

SECTION 7: TRAFFIC CONTROL PLANS AND DETAILS

A. Temporary traffic control indicating signage, striping, flagmen, and any IDOT details required.
B. Permanent striping plans shall be shown separately.
C. All permanent striping shall be Thermoplastic.
D. All traffic control plans shall be in conformance with IDOT specifications.

SECTION 8: CONSTRUCTION DETAILS

A. Streets:

1. Typical cross-sections shall be shown for each street classification:
    a. Surface course.
    b. Binder course.
    c. Bituminous aggregate mixture (if approved).
    d. Base course material.
    e. Geotechnical fabric (Amoco 4551 or approved equal).

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2. Concrete curb and gutter detail, including expansion joint detail and spacing information.
3. Concrete sidewalk and handicap ramps.
4. Street cut detail (if open cutting street is approved).

B. Sanitary Sewer:
1. Manhole
2. Service connection
3. Typical Trench Detail (CA-7 bedding, CA-6 trench backfill under pavement).

C. Watermain:
1. Village fire hydrant detail including auxiliary valve with aqua grips.
2. Valve and valve vault detail.
3. Thrust blocking.
4. Service connection.
5. Typical trench detail (CA-7 bedding, CA-6 trench backfil under pavement).

D. Storm Sewer:
1. Manhole, catch basin and inlet details:
   a. All structures shall be precast concrete.
   b. All barrel sections, adjusting rings and frames shall be sealed with butyl rope joint sealant.
   c. All manholes and inlets shall have benches. (poured or precast)
2. Weep hole detail.
3. Flared end section detail.
4. Special structures.
5. Typical trench detail (CA-7 bedding, CA-6 trench backfill under pavement).
6. Frame and grate details.
7. Underdrain details.
8. Sump pump connection and trench detail.

SECTION 9: CROSS-SECTIONS

A. To be included if necessary to indicate feasibility of proposed street elevations in relation to adjacent lot elevations and include sidewalk locations.
B. Must be included for construction of major streets.

SECTION 10: FINAL PLAT OF SUBDIVISION

A. Shall use Village's required certificates.
B. Shall be at a scale of 1" = 50'.
C. Survey Department Review.

As-Built GIS Data Technical Receiving Standard Requirements

Preferred:

Deliverables:

- As-Built information provided in Geodatabase (.gdb) or Shapefile (.shp) file form.

Coordinate system:

- NAD_1983_StatePane_Illinois_FIPS_1201_Feet
- WKID: 3435 Authority: EPSG
- Projection: Transverse Mercator
- Geographic Coordinate System: GCS_North_American_1983
- Datum: D_North_American_1983

Data Fields:

- All Associated Feature Attributes
    - Lat/ Long or Northing/ Easting
    - Sewer Diameter Size
    - Structure Type
    - Feature Material
    - Date / Year installed

Secondary:

Deliverables:

- As-Built information provided in AutoCad Civil 3D 2019 File (.dwg)
- Include package of all referenced drawings

Coordinate system:

- NAD_1983_StatePane_Illinois_FIPS_1201_Feet

Data Fields:

- All Associated Feature Attributes
    - Lat/ Long or Northing/ Easting
    - Sewer Diameter Size
    - Structure Type
    - Feature Material
    - Date / Year installed

VILLAGE OF MONTGOMERY
AS-BUILT REQUIREMENTS AND CERTIFICATION

1. Show any changes in location of the constructed improvements.

2. Show As-Built top of foundation and other critical elevations.

3. Show as-built dimensions to water shut off and sanitary sewer service lines.

4. Show as-built rim, invert & slope for sanitary and storm sewer. Show as-built rim for water main.

5. Show as-built overflow elevation at detention basin and other critical locations (i.e. overland flow routes, etc).

6. Certify as-built detention pond volume.

7. Show locations of street light wiring.

8. As-Built certification must be included.

9. Furnish one paper set of record drawings and an electronic copy of the record drawings in PDF format to both the Village & Engineering Enterprises (with Engineer's Certificate) upon approval.

As-Built Certificate

Certification

1. The following certification, signed by an Illinois Licensed Professional Engineer, shall be placed on the required mylar and bond copies:

State of Illinois)
)ss
County of _____)

We, _____(name of engineering firm)_____, hereby certify that these "Record Drawings" have been prepared under our direct supervision and that the information contained hereon has been provided and/or verified by us and accurately reflects the existing conditions on _____(date)_____. We further certify that in our professional opinion, these "Record Drawings" adequately depict and substantiate that the improvements constructed as part of this project will function in substantial conformance with the design intent of the engineering plans and specifications as accepted and approved by the Village of Montgomery.

By: _____(Signature)_____.

Title: _____.

Date: _____. seal

Illinois Licensed Professional Engineer No. _____.

License Expiration Date:

Village of Montgomery

DEVELOPER SUBMITTAL REQUIREMENTS FOR A LETTER OF CREDIT OR PERFORMANCE BOND REDUCTION REQUEST

1. Developer submits a written request with supporting documentation requesting a reduction.

   The following items shall be included with the request:

   A. Cover letter from the Developer.
   B. Signed and Sealed Engineer's Payment Request or Similar Statement indicating specifically what items have been completed.
   C. Certification by Developer that all improvements have been satisfactorily installed in accordance with the Village Ordinances and Requirements.
   D. Waivers of Lien from Contractors.

Village of Montgomery Engineering Design and Inspection Policy Manual

Table of Contents

Section 4: Construction Checklists

4.01 Construction Checklists

Village of Montgomery Water Main Checklist

Project _____ Project No. _____

Contractor _____ Date: _____

	Item	CHECK	N/A
	Water Main Construction		
1	Does the Contractor have the correct version of the Plans and Specifications?		
2	Are there any approved equal substitutes?		
3	All Water Main shall be in accordance with the "Standard Specification for Water and Sewer Construction" Latest Edition		
4	Water Main Pipe - Ductile Iron Class 52		
5	All fittings shall be Compact Ductile Iron ANSI/AWWA C153 Cement Lined Class 350. Manufactured in the United States		
6	**All mechanical joint fittings, valves and hydrants shall be restrained with retainer glands. Retainer glands shall be UNI-FLANGE SERIES 1400 Wedge Action retainer gland, MEGALUGS.**		
7	Provide Poly Wrap per manufactures instructions - Required		
8	Provide 4 in. Granular Bedding Min when unsuitable material is encountered.		
9	**Provide compacted Granular Trench Backfill Within 2 feet of Pavements, Sidewalks, Curb & Gutter or any other Structural Improvement either constructed or to be constructed. Trench Backfill shall be CA-6 compacted to 95% Modified Proctor Density in 1' maximum lifts.**		
10	All Non-Structural Trench Fill Shall be Compacted to 85% Compaction.		
11	Gate Valve - Non-rising stem , standard operating nut, opening counter clockwise. Gate valves shall be Clow, Mueller, or Waterous Resilient Wedge Gate Valve in accordance with AWWA C-509-01. (One manufacturer for each subdivision)		
12	**All bends, tees and elbows shall be thrust blocked with concrete blocks of appropriate size to prevent movement of the water main.**		
13	Valve Vault Frame - Neenah R1713		
14	Valve Vault Lid - Type B Marked "Water"		
15	Valve Vault - Precast Structure, shall be adjusted to grade with precast concrete or rubber rings. (max. 8" and 2 rings)		
16	All pressure taps to an existing main shall be made with Mueller Mechanical Joint Tapping Sleeve No. H-615 and resilient tapping valve (MJ x FL) No. H-687		
17	**Services to be marked with 4x4 Post**		
18	**Water Service B-Box Location shall be staked for location and grade prior to construction.**		
19	**Fire Hydrant location and ring grades are to be staked** All hydrants shall be Waterous Pacer Model #WB-67, Clow F-2545 (Medallion) with one 4 1/2" steamer nozzle and two 2 1/2" hose outlets. All hydrant shall have a auxiliary gate valve.		
20	All valve boxes shall be cast iron, two piece 5 1/4" shafts, Screw type Tyler Model 666-S. Attached to the hydrant barrel with grip arms by BLR or approved equal.		
21	All valve box lids shall be marked "WATER"		
22	Water Valves and Fire Hydrants shall only be operated by Village of Montgomery Water Department Personnel.		
23	**Pressure Test** **Procedure - Test shall be 150 psi for a two hour duration . 2 psi max loss, leakage based on first 1000 feet.**		
24	Pressure Testing per Local Standard		
25	Flushing - Village of Montgomery is to be Notified - Valve Operation by VOM		
26	Disinfection - EEI is to be Notified		
27	Sampling- EEI is to be notified		
	Erosion Control		
28	Is the Contractor taking sufficient precautions to prevent pollution and siltation of streams, lakes and reservoirs?		
29	Are you directing the Contractor to construct all permanent erosion control features as soon as practical?		
30	Does erosion control measures conform to plans, specifications and details?		
31	**Restoration**		
	1. Backfill		
	2. Top Soil 6" min.		
	3. Revegetate		
	4. Driveways Repaired		
	5. Road Patches		

Signature _____ Signature _____

Contractor EEI Representative

Revised May 2003
Revised June 2007

Village of Montgomery Sanitary Sewer Checklist

Project _____ **Project No.** _____

Contractor _____ **Date:** _____

	Item	CHECK	N/A
	Sanitary Sewer Construction		
1	Does the Contractor have the correct version of the Plans and Specifications?		
2	Are there any approved substitutes?		
3	All Sanitary Sewer shall be in accordance with the "Standard Specification for Water and Sewer Construction" Latest Edition and Fox Metro Specifications.		
4	-Sanitary Sewer Pipe - 6" - 15" ASTM D-3034 or D-2241, SDR 26 Min, up to 15' depth.		
5	-Sanitary Sewer Pipe - 6" - 15" ASTM D-3034 or D-2241, SDR 21 Min, 15' - 20' depth.		
6	-Sanitary Sewer Pipe - 6" - 15" D-2241, AWWA C900 or AWWA C905, DR 18 Min, over 20' depth.		
7	-Sanitary Sewer Pipe - 18" - 27" ASTM D-2241 or AWWA C905, SDR 26 Min (depending on Depth)		
8	-All fittings shall conform with ASTM D-3034 or ASTM D-2241.		
9	All joints shall conform with ASTM D-3212 or ASTM D-3139, solvent joints are not permitted.		
10	**Initial backfill, bedding and haunching material shall be class 1 grade CA 7.**		
11	**Provide compacted Granular Trench Backfill Within 2 feet of Pavements, Sidewalks, Curb & Gutter or any other Structural Improvement either constructed or to be constructed. Trench Backfill shall be CA-6 compacted to 95% Modifies Standard Proctor Density in 1' max. lifts.**		
12	All Non-Structural Trench Fill Shall be Compacted to 85% Compaction.		
13	Sanitary Sewer Manholes shall be precast reinforced concrete ASTM C-478 with cast in place rubber boots.		
14	All manhole castings, adjusting rings and manhole sections shall be set in BUTYL rope or approved equal.		
15	Manhole frame and lid shall be Neenah R-1713 with type B lid or equal. Lid shall have "Sanitary" in the top and shall be the concealed pick hole type.		
16	All final adjustments of castings will be accomplished by the use of precast adjusting rings set in Butyl rope joint sealant.		
17	Total adjusting rings shall be 8" in height and a maximum of two rings.		
18	The frame, chimney, and top "lip" of the cone shall be required to be sealed with an "Adaptor-Seal" or "Infa-Shield" chimney seal.		
19	**Services to be marked with 4x4 Post**		
20	**Sanitary Sewer Testing** All sanitary sewer will be subject to an air exfiltration test, televising test, and deflection test according to the Standard specification for Water and Sewer Main Construction in Illinois.		
21	Vacuum testing of each Manhole shall be carried out according to Fox Metro Regulations.		
22	**No manholes will be allowed in pavement, sidewalk or driveways.**		
23	**Erosion Control** Is the Contractor taking sufficient precautions to prevent pollution and siltation of streams, lakes and reservoirs?		
24	Are you directing the Contractor to construct all permanent erosion control features as soon as practical?		
25	Does erosion control measures conform to plans, specifications and details?		
	Restoration		
	1. Backfill		
	2. Top Soil 6" min.		
	3. Revegetate		
	4. Driveways Repaired		
	5. Road Patches		

Signature _____ Signature _____

Contractor EEI Representative

Revised May 2003
Revised June 2007

Village of Montgomery Storm Sewer Checklist

Project _____ **Project No.** _____

Contractor _____ **Date:** _____

	Item	CHECK	N/A
	Storm Sewer Construction		
1	Does the Contractor have the correct version of the Plans and Specifications?		
2	Are there any approved substitutes?		
3	Storm Sewer Pipe shall be constructed of reinforced concrete pipe, ASTM C-76 or as shown on approved drawing		
4	Jogs in Storm Sewer line will not be permitted		
5	Catch Basins shall have a 15" sump unless otherwise marked on the plans		
6	Storm Sewer Manholes shall be precast reinforced concrete ASTM C-478.		
7	All manhole castings, adjusting rings and manhole sections shall be set in BUTYL rope or approved equal.		
8	All final adjustments of castings will be accomplished by the use of precast adjusting rings set in Butyl rope joint sealant.		
9	Total adjusting rings shall be 8" in height and a maximum of two rings.		
10	Curb Inlet frames shall be Neenah R-3274.		
11	Catch Basin frame and lids shall be Neenah R-1713, East Jordan 1050.		
12	Lids shall have "STORM" marked on the lid		
13	Initial backfill, bedding and haunching material shall class 1 grade CA 7.		
14	**Provide compacted Granular Trench Backfill Within 2 feet of Pavements, Sidewalks, Curb & Gutter or any other Structural Improvement either constructed or to be constructed. Trench Backfill shall be CA-6 compacted to 95% Modifies Standard Proctor Density in 1' maiximum lifts.**		
15	All Non-Structural Trench Fill Shall be Compacted to 85% Compaction.		
16	Construct fillets and inverts according to plan spesifications.		
17	**Maintain filter fabric in all inlets and catch basins**		
	Erosion Control		
18	Is the Contractor taking sufficient precautions to prevent pollution and siltation of streams, lakes and reservoirs?		
19	Are you directing the Contractor to construct all permanent erosion control features as soon as practical?		
20	Does erosion control measures conform to plans, specifications and details?		
21	**Restoration**		
	1. Backfill		
	2. Top Soil 6" min.		
	3. Revegetate		
	4. Driveways Repaired		
	5. Road Patches		

Signature _____ Signature _____

Contractor EEI Representative

Revised May 2003
Revised June 2007

Village of Montgomery Curb and Gutter Checklist

Project _____ **Project No.** _____

Contractor _____ **Date:** _____

	Item	CHECK	N/A
	Curb and Gutter Construction		
1	**Air Entrainment shall be 5% - 8%**		
2	**Contraction Joints shall be sawed according to IDOT Standards (4hrs - 24 hrs)**		
3	**Sawed joints shall be caulked immediately**		
4	**Membrane curing compound shall be IDOT Type 1 Clear Transparent Membrane Curing Compound (sec 1022.01)**		
5	**Sewer and Water (S & W) shall be stamped in the face of the curb neatly**		
6	**All depression locations shall be staked out prior to curb placement. The contractor/owner shall be responsible for the exact locations of the depressions and replacing the curb where any depressions found in the incorrect location.**		
7	**All curb depressions for sidewalk ramps are to be constructed according to the Village of Montgomery Standard.**		
8	**All utility trench crossings shall have two #4 Rebar constructed in the curb.**		
9	Concrete shall be tested on the first load and every 50 CY thereafter or additionally as required by the Engineer.		
10	No additional water shall be added to the surface for finishing purposes.		
11	Care shall be taken while broom finishing the surface of the Curb and Gutter.		
12	No painting on curb after completion is allowed in the Village of Montgomery		
13	Verify that all utilities to be stamped in curb are properly marked prior to curb construction		
14	All concrete curb and gutter shall be constructed according to the Illinois Standard Specifications.		
15	All curb shall be constructed on a minimum of a 4" crushed aggregate base course.		
16	Whenever possible the driveway depressions shall be formed in the curb at the time of placement.		
17	Curb and Gutter can not be constructed on frozen subgrade.		
18	No honeycombing or voids will be allowed above or below finished grade.		

Village of Montgomery Paving and Road Construction Checklist

Project _____ Project No. _____

Contractor _____ Date: _____

	Item	CHECK	
	Street Construction		
1	**After Subbase grade is achieved, a proof roll will be performed to determine the stability of the subbase. The village and/or the Village Engineer and if necessary a geotechnical engineer will attend on behalf of the village.**		
2	The subbase will be string lined to verify proper grade.		
3	Verify proper compaction at structures and pipe crossings.		
4	The contractor/developer will be responsible to provide a truck with the appropriate weigh to perform the proof roll.		
5	**Any unsuitable areas will be marked, it will be the responsibility of the contractor/owner to determine the method of corrective action for the failed areas.**		
6	**A maximum of 1/2" defection will be allowed during the subgrade proof roll, this does not include areas that "roll" away from the truck tires.**		
7	Any unsuitable material shall be replaced and the failed areas shall be re-proof rolled.		
8	**The base course shall be crushed aggregate CA-6 or approved equal.**		
9	The base course shall be proof rolled after final grade and compaction has been reached		
10	No deflection will be allowed on the base course proof roll.		
11	The base course will be string lined to verify proper grade and slope.		
12	Any unsuitable areas will be marked, it will be the responsibility of the contractor/owner to determine the method of corrective action for the failed areas.		
13	Bituminous asphalt binder and surface course shall be constructed according to the Illinois "Standard Specification for Road and Bride Construction" latest edition.		
14	Air temperature for bituminous binder course must be 40 degrees and rising.		
15	Air temperature for bituminous surface course must be 45 degrees and rising.		
16	**Paving will not be allowed during inclement weather.**		
17	No bituminous surface course shall be constructed between October 15 and April 15		
18	The bituminous binder course shall be cleaned and primed with SS-1 prior to placing the bituminous surface course.		
19	The condition of the bituminous binder course will be reviewed by the Village Engineer prior to the placement of the surface course		
20	Paving shall be done with equipment in accordance with the Illinois "Standard Specifications for Road and Bridge Construction"		
21	Pavement and base course thickness' and slopes shall be in accordance with the project plans and specifications.		
22	The Village Engineer shall be Notified at least 48 hours before start of construction or proof rolls.		

Revised May 2003

Village of Montgomery Sidewalk and Driveway Apron Checklist

Project _____ **Project No.** _____

Contractor _____ **Date:** _____

	Item	CHECK	N/A
	Sidewalk Construction		
1	**Provide a 4" base course of compacted crushed CA-6 or CA-7, 6" wider than concrete on each side.**		
2	**The sidewalk shall be 5' wide.**		
3	**The sidewalk shall be a minimum of 5" in thickness and at all driveway locations shall be a minimum of 6" thick.**		
4	The sidewalk shall be constructed 1' from the right-of-way boundary on public property		
5	**The concrete shall be Class SI concrete with 5% - 7% air entrainment is required.**		
6	**Membrane curing with W.R. Meadows CS309 or approved equal with white fugitive dye will be required for curing.**		
7	The surface finish shall be a light broom finish.		
8	**No structures or B-Boxes will be allowed in sidewalks or driveways.**		
9	The sidewalk shall be constructed with contraction joints at 5' intervals and be 1" in depth.		
10	Concrete Tickets shall be provided to the Village or Village Engineer		
11	A copy of the tickets for the curing compound shall be provided to the Village or the Village Engineer.		
12	**Handicapped Ramps shall be provided at all intersections according to the Village adopted IDOT Detail and Special Provision.**		
13	**Sidewalk must be constructed from property line to property line at one time.**		
14	No Concrete sidewalk shall be constructed between Nov. 15 through April 15.		
15	Cold weather procedures will be enforced in inclement weather.		
16	**No additional water may be applied to the surface of the concrete for finishing purposes.**		
	Driveway Approach Construction		
17	Compacted 6" of crushed aggregate (CA-6) with two inches of bituminous Surface Course		
18	or, PCC Pavement, 5" thick reinforced with 10 ga. 6x6 wire mesh on 4" aggregate base..		
	Testing		
19	Air Content shall be between 5% and 7%		
20	Slump shall be 2"-4"		

Final Closeout Checklist
Village of Montgomery

Project Name: _____ Case No. _____

Date: _____ EEI Job #: _____

COMPLETED		BY	TRANSMITTED TO VILLAGE
_____	1 Sanitary Sewer Test Reports and Permits -Air pressure, deflection, and vacuum test results -Fox Metro Permit	_____	_____
_____	2 Watermain Test Reports & Permits -Pressure test, chlorination, and sampling results -IEPA Operating Permit	_____	_____
_____	3 Roadway Inspection & Testing -Ordinance Exhibits R,S,T,U, and V included -Material Testing Results	_____	_____
_____	4 Street Lights -Inspection Letters	_____	_____
_____	5 IDOT Permits -IDOT Permit Number = -Completion Date =	_____	_____
_____	6 Landscaping Certification -Certification from Landscape Architect	_____	_____
_____	7 Detention Facility Certification -As-Built Plan for basin -Volume Certification	_____	_____
_____	8 Detention Facility Maintenance Plan	_____	_____
_____	9 Punch List Inspections -Hardcopy of final punch letter -All letters properly archived	_____	_____
_____	10 GASB 34 Inventory -Infrastructure inventory	_____	_____
_____	11 SSA - Ordinance Recorded	_____	_____
_____	12 Montgomery Atlas Maps & GIS Updated	_____	_____
_____	13 As-Built Plans Provided -One Mylar, Four paper copies, CD-Rom -Scanned .pdf of approved paper copy on file	_____	_____
_____	14 Field Reports Properly Archived	_____	_____
_____	15 Park District Sign-off Obtained	_____	_____

Village of Montgomery Engineering Design and Inspection Policy Manual

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Section 5: Other Development Documents

5.01 Standard Construction Guarantee Language

1. All guarantees must be for 110% of the approved Engineer's Estimate of Probable Costs.

Bond Number:
Effective Date:

KNOW ALL MEN BY THESE PRESENTS: that [developer], of [developer address], as Principal (Contractor), and [full name and address of surety], as Surety, a corporation organized and existing under the laws of the State of _____ (Surety), are held and firmly bound unto the Village of Montgomery, as Obligee (Village), in the full and just sum of $_____. For the payment of which sum of money well and truly to be made, Contractor and Surety bind themselves and their heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents, said amount to include payment of actual costs and damages and for attorneys' fees, architectural fees, design fees, engineering fees, accounting fees, testing fees, consulting fees, administrative costs, court costs, interest, and any other fees and expenses resulting from or incurred by reason of Contractor's failure to promptly and faithfully perform its contract with Village, said contract being more fully described below, and to include attorneys' fees, court costs, and administrative and other expenses necessarily paid or incurred in successfully enforcing performance of the obligation of Surety under this bond.

WHEREAS, Village has approved the project pursuant to an Ordinance approving a final plat of subdivision/planned unit development for certain real property in the Village (Village Approvals), by and pursuant to which Contractor has the obligation to construct and install certain improvements ([*list improvements here or provide in an exhibit*]) for the development of such subdivision/planned unit development; the terms and conditions of the Village Approvals are by this reference incorporated herein as though fully set forth herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH THAT if Contractor shall well, truly, and promptly perform all the undertakings, covenants, terms, conditions, and agreements of said Contractor under the Village Approvals relating to the construction of the Improvements described therein, including, but not limited to, Contractor's obligations under the Village Approvals (1) to provide, perform, and complete at the Property and in the manner specified in the Village Approvals all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data, and other means and items necessary for the construction, installation, and completion of the Improvements required in the Village Approvals; (2) to procure and furnish all permits, licenses, and other governmental approvals and authorizations necessary in connection therewith; (3) to pay all applicable federal, state, and local taxes; (4) to do all other things required of Contractor by the Village Approvals; and (5) to provide, perform, and complete all of the foregoing in a proper and workmanlike manner and in full compliance with, and as required by and pursuant to, the Village Approvals; all of which are herein referred to as the "Work," whether or not any of the Work enters into and becomes a component part of the Improvements contemplated, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

Surety, for value received, hereby stipulates and agrees that no changes, modifications, alterations, omissions, deletions, additions, extensions of time, or forbearances on the part of either Village or Contractor to the other in or to the terms of the Village Approvals; in or to the schedules, plans, drawings, or specifications; in or to the method or manner of performance of the Work; in or to the mode or manner of payment therefor; or in or to Village-furnished facilities, equipment, material, service, or sites shall in any way release Contractor and Surety or either of them, or any of their heirs, executors, administrators, successors, or assigns, or affect the obligations of Surety on this bond, all notice of any and all of the foregoing changes, modifications, alterations, omissions, deletions, additions, extensions of time, or forbearances and notice of any and all defaults by Contractor being hereby waived by Surety.

Notwithstanding anything to the contrary in the foregoing paragraph, in no event shall the obligations of Surety under this bond in the event of Contractor's default be greater than the obligations of Contractor under the Village Approvals in the absence of such Contractor default.

In the event of a default or defaults by Contractor, Village shall have the right to take over and complete Contractor's obligations under the Village Approvals upon 30 calendar days' written notice to Surety, in which event Surety shall pay Village all costs incurred by Village in taking over and completing the Village Approvals.

At its option, Village may instead request that Surety take over and complete Contractor's obligations under the Village Approvals, in which event Surety shall take reasonable steps to proceed promptly with completion no later than 30 calendar days from the date on which Village notifies Surety that Village wants Surety to take over and complete Contractor's obligations under the Village Approvals.

Village shall have no obligation to actually incur any expense or correct any deficient performance of Contractor in order to be entitled to receive the proceeds of this bond.
No right of action shall accrue on this bond to or for the use of any person or corporation other than Village or the heirs, executors, administrators, or successors of Village.
Signed and sealed this ____ day of _____, 20__.

CONTRACTOR: [name of contractor**]:**	**SURETY: [**name of surety**]**
By: _____	**By: _____**
Title: _____	**Title: _____**
Telephone: _____	**Telephone: _____**

Village of Montgomery Ordinance 1433 passed September 14, 2009

Code of Ordinance Section 2-3.1 Letters of Credit and Performance Bonds

All Letters of Credit required by the Village shall be in the following form and must be in an amount of 110% of the cost of the project:

Letter of Credit number_____
Project_____
Amount_____

Name of issuer institution
Address

IRREVOCABLE LETTER OF CREDIT

Dear Sir:

The undersigned Bank of _____, by (name and title), its duly authorized agent, hereby issues to the Village of Montgomery, 200 N. River Street, Montgomery, Illinois, 60538, this irrevocable Letter of Credit in the amount of $_____, effective_____which such credit may be drawn by said Village at sight on us. Funds under this credit are available against your demand(s) at sight on or before the expiry date on this instrument in accordance with the terms and conditions of this Letter of Credit.

Demands on said Letter of Credit must be accompanied by the certificate of the Village engineer of the Village of Montgomery, certifying either (1) that said Letter of Credit is about to expire and has not been renewed; or (2) that work has not been completed in accordance with the plans, specifications and agreements (including any amendments thereof) for the following project and includes the following improvements to be completed (identify improvements or improvement plans with date):

_____
_____
_____, (the "project").

This irrevocable Letter of Credit shall expire on_____; provided, however, the undersigned shall notify the Village Clerk by certified mail, return receipt requested, at least sixty (60) days prior to said expiration date that said Letter of Credit is about to expire. In no event shall this irrevocable Letter of Credit or the obligations contained herein expire upon said prior written notice, it being expressly agreed by the undersigned that the above expiration date shall be extended as shall be required to comply with this notice provision.

This document is issued under the Uniform Customs and Practice for Documentary Credits – UCP600 (2007 Revision).

No Letter of Credit shall be accepted by any official of the village that does not comply with the form set forth in this section, unless the submitted form has been approved in writing by the village attorney. Performance Bonds shall only be accepted if the form has been approved in writing by the village attorney and must be in an amount of 110% of the cost of the project. In either case, the plans or specifications for the improvement which result in the requirement for a letter of credit shall include an easement of access (acceptable to the Village Attorney) onto the property in question for the Village to complete the improvements specified in the Letter of Credit and/or Performance Bond.