

VILLAGE OF HOFFMAN ESTATES
NOTICE TO BID

The Village of Hoffman Estates is soliciting bids, as described in these documents, for:

2026 Sidewalk Improvement Project

Sealed bids will be received at the Office of the Village Clerk of the Village of Hoffman Estates (1900 Hassell Road) Cook County, Illinois, until **April 21 at 10:00 AM**. All bids will be publicly opened immediately thereafter.

It is the responsibility of the bidder to meet the specified opening time; and any bid not so received will be returned unopened. Bids must be identified as such on the outside of the sealed envelope. This can be done by marking the envelope "SEALED BID" and with the following information:

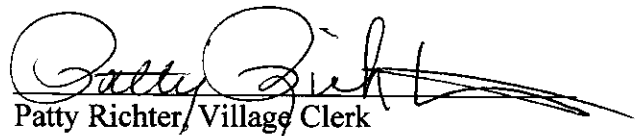
Company's Name
Company Address
Name of Bid ("2026 Sidewalk Improvement Project")
Date and Time of Bid Opening

Plans and proposal forms are available for download from the Village of Hoffman Estates website at www.hoffmanestates.org/business/bids.php beginning April 7, 2026. Further information regarding this bid may be obtained by contacting the Engineering Department at construction@vohe.org or 847.252.5800.

The Village reserves the right to reject and/or award any and all bids, or parts thereof, and to waive formalities and technicalities according to the best interest of the Village.

By the Order of the President and Board of Trustees of the Village of Hoffman Estates.

4/6/26
Date


Patty Richter, Village Clerk

TO BE PUBLISHED ON 4/7/2026 PADDOCK PUBLICATIONS
(Date)



COVER SHEET

Proposal Submitted By:

Contractor's Name

Contractor's Address

City

State

Zip Code

STATE OF ILLINOIS

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Type of Funds

Proposal Only Proposal and Plans Proposal only, plans are separate

Submitted/Approved

For Local Public Agency:

For a County and Road District Project

Submitted/Approved

Highway Commissioner Signature & Date

Submitted/Approved

County Engineer/Superintendent of Highways Signature & Date

For a Municipal Project

Submitted/Approved/Passed

Signature & Date

Official Title

President of Board of Trustees

Department of Transportation

Released for bid based on limited review

Regional Engineer Signature & Date

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Hoffman Estates	Cook	26703	Various

NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of the Village Clerk

<u>1900 Hassell Road, Hoffman Estates, IL 60169</u>	until <u>10:00 AM</u>	on <u>04/21/26</u>
Address	Time	Date

Sealed proposals will be opened and read publicly at the office of Frank Alexa Training Room

<u>1900 Hassell Road, Hoffman Estates, IL 60169</u>	at <u>10:00 AM</u>	on <u>04/21/26</u>
Address	Time	Date

DESCRIPTION OF WORK

Location	Project Length
Various	0.78 mi

Proposed Improvement
 Removal and replacement of sidewalk and driveway pavement on various streets in Hoffman Estates.

1. Plans and proposal forms will be available in the office of
 Plans and proposal forms are available for download from the Village of Hoffman Estates website at www.hoffmanestates.org/business/bids.php beginning

2. Prequalification
 If checked, the 2 apparent as read low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57) in triplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One original shall be filed with the Awarding Authority and two originals with the IDOT District Office.
3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.
4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:
 - a. Local Public Agency Formal Contract Proposal (BLR 12200)
 - b. Schedule of Prices (BLR 12201)
 - c. Proposal Bid Bond (BLR 12230) (if applicable)
 - d. Apprenticeship or Training Program Certification (BLR 12325) (do not use for project with Federal funds.)
 - e. Affidavit of Illinois Business Office (BLR 12326) (do not use for project with Federal funds)
5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.
6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case, be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.
7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.
8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.
9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Hoffman Estates	Cook	26703	Various

PROPOSAL

1. Proposal of _____ Contractor's Name _____

Contractor's Address _____

2. The plans for the proposed work are those prepared by the Village of Hoffman Estates and approved by the Department of Transportation on _____.

3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the " Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.

4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.

5. The undersigned agrees to complete the work within _____ working days or by 10/09/26 unless additional time is granted in accordance with the specifications.

6. The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond of check shall be forfeited to the Awarding Authority.

7. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the products of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price. A bid may be declared unacceptable if neither a unit price nor a total price is shown.

8. The undersigned submits herewith the schedule of prices on BLR 12201 covering the work to be performed under this contract.

9. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12201, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.

10. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond, if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to: Village of Hoffman Estates Treasurer of _____.

The amount of the check is _____ (_____).

Attach Cashier's Check or Certified Check Here

In the event that one proposal guaranty check is intended to cover two or more bid proposals, the amount must be equal to the sum of the proposal guaranties which would be required for each individual bid proposal. If the proposal guaranty check is placed in another bid proposal, state below where it may be found.

The proposal guaranty check will be found in the bid proposal for: Section Number _____.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Hoffman Estates	Cook	26703	Various

CONTRACTOR CERTIFICATIONS

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

1. **Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedure established by the appropriate Revenue Act, its liability for the tax or the amount of the tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.
2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

A violation of section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense, or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State of Local government. No corporation shall be barred from contracting with any unit of State or Local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that, it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter or record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.
4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be canceled.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Hoffman Estates	Cook	26703	Various

SIGNATURES

(If an individual)

Bidder Signature & Date

Business Address

City

State

Zip Code

(If a partnership)

Firm Name

Signature & Date

Title

Business Address

City

State

Zip Code

Insert the Names and Addresses of all Partners

(If a corporation)

Corporate Name

Signature & Date

Title

Business Address

City

State

Zip Code

Insert Names of Officers

President

Attest:

Secretary

Secretary

Treasurer



Contractor's Name

Contractor's Address

City

State

Zip Code

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Schedule for Multiple Bids

Combination Letter	Section Included in Combinations	Total

Schedule for Single Bid

(For complete information covering these items, see plans and specifications.)

Item Number	Items	Unit	Quantity	Unit Price	Total
HE201000	TREE ROOT PRUNING	EACH	95		
HE250000	ECB W/SEED & TPSOIL, SPL	SQ YD	2000		
40201000	AGG FOR TEMP ACCESS	TON	5		
HE423060	PCC DRIVEWAY PAV/T, 6"	SQ YD	100		
HE424000	PCC SIDEWALK, 5"	SQ FT	17080		
HE424008	DETECTABLE WARNINGS,SPL	SQ FT	40		
44000200	DRIVEWAY PAVMENT REM	SQ YD	100		
44000600	SIDEWALK REMOVAL	SQ FT	17680		
HE603000	MANHOLES TO BE ADJ	EACH	5		
HE606300	COMB CONC C&G R&R SPL	FOOT	100		
HE701014	TCP	LS	1		
Bidder's Total Proposal					

1. Each pay item should have a unit price and a total price.
2. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern.
3. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
4. A bid may be declared unacceptable if neither a unit price or total price is shown.



Local Public Agency Proposal Bid Bond

Local Public Agency: Village of Hoffman Estates; County: Cook; Section Number: 26703

WE, _____ as PRINCIPAL, and _____ as SURETY, are held jointly, severally and firmly bound unto the above Local Public Agency (hereafter referred to as "LPA") in the penal sum of 5% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids, whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LPA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the LPA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the proposal is accepted and a contract awarded to the PRINCIPAL by the LPA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LPA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LPA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this _____ of _____ Day Month and Year

Principal and Surety signature blocks with fields for Company Name, Signature & Date, and Title.

(If Principal is a joint venture of two or more contractors, the company names, and authorized signatures of each contractor must be affixed.)

Name of Surety and Signature of Attorney-in-Fact Signature & Date fields.

STATE OF IL
COUNTY OF

I _____, a Notary Public in and for said county do hereby certify that

(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____ Month and Year

(SEAL, if required by the LPA)

Notary Public Signature & Date and Date commission expires fields.

Local Public Agency

County

Section Number

Village of Hoffman Estates

Cook

26703

ELECTRONIC BID BOND

Electronic bid bond is allowed (box must be checked by LPA if electronic bid bond is allowed)

The Principal may submit an electronic bid bond, in lieu of completing the above section of the Proposal Bid Bond Form. By providing an electronic bid bond ID code and signing below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the LPA under the conditions of the bid bond as shown above. (If PRINCIPAL is a joint venture of two or more contractors, an electronic bid bond ID code, company/Bidder name title and date must be affixed for each contractor in the venture.)

Electronic Bid Bond ID Code

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Company/Bidder Name

--

Signature & Date

--

Title

--



Apprenticeship and Training Program Certification

Local Public Agency	County	Street Name/Road Name	Section Number
Village of Hoffman Estates	Cook	Various	26703

All contractors are required to complete the following certification

- For this contract proposal or for all bidding groups in this deliver and install proposal.
- For the following deliver and install bidding groups in this material proposal.

Illinois Department of Transportation policy, adopted in accordance with the provisions of the Illinois Highway Code, requires this contract to be awarded to the lowest responsive and responsible bidder. The award decision is subject to approval by the Department. In addition to all other responsibility factors, this contract or deliver and install proposal requires all bidders and all bidder's subcontractors to disclose participation in apprenticeship or training programs that are (1) approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training, and (2) applicable to the work of the above indicated proposals or groups. Therefore, all bidders are required to complete the following certification:

1. Except as provided in paragraph 4 below, the undersigned bidder certifies that it is a participant, either as an individual or as part of a group program, in an approved apprenticeship or training program applicable to each type of work or craft that the bidder will perform with its own employees.
2. The undersigned bidder further certifies, for work to be performed by subcontract, that each of its subcontractors either (A) is, at the time of such bid, participating in an approved, applicable apprenticeship or training program; or (B) will, prior to commencement of performance of work pursuant to this contract, establish participation in an approved apprenticeship or training program applicable to the work of the subcontract.
3. The undersigned bidder, by inclusion in the list in the space below, certifies the official name of each program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's employees. Types of work or craft that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category for which there is no applicable apprenticeship or training program available.

4. Except for any work identified above, if any bidder or subcontractor shall perform all or part of the work of the contract or deliver and install proposal solely by individual owners, partners or members and not by employees to whom the payment of prevailing rates of wages would be required, check the following box, and identify the owner/operator workforces and positions of ownership.

The requirements of this certification and disclosure are a material part of the contract, and the contractor shall require this certification provision to be included in all approved subcontracts. The bidder is responsible for making a complete report and shall make certain that each type of work or craft job category that will be utilized on the project is accounted for and listed. The Department at any time before or afterward may require the production of a copy of each applicable Certificate of Registration issued by the United States Department of Labor evidencing such participation by the contractor and any or all of its subcontractors. In order to fulfill the participation requirement, it shall not be necessary that any applicable program sponsor be currently taking or that it will take applications for apprenticeship, training or employment during the performance of the work of this contract or deliver and install proposal.

Bidder	Signature & Date		
<div style="border: 1px solid black; height: 20px;"></div>	<div style="border: 1px solid black; height: 40px;"></div>		
Title			
<div style="border: 1px solid black; height: 20px;"></div>			
Address	City	State	Zip Code
<div style="border: 1px solid black; height: 20px;"></div>	<div style="border: 1px solid black; height: 20px;"></div>	<div style="border: 1px solid black; height: 20px;"></div>	<div style="border: 1px solid black; height: 20px;"></div>



Affidavit of Illinois Business Office

Local Public Agency	County	Street Name/Road Name	Section Number
Village of Hoffman Estates	Cook	Various	26703

I, _____ of _____, _____,
Name of Affiant City of Affiant State of Affiant

being first duly sworn upon oath, state as follows:

1. That I am the _____ of _____.
Officer or Position Bidder
2. That I have personal knowledge of the facts herein stated.
3. That, if selected under the proposal described above, _____, will maintain a business office in the
Bidder
 State of Illinois, which will be located in _____ County, Illinois.
County
4. That this business office will serve as the primary place of employment for any persons employed in the construction contemplated by this proposal.
5. That this Affidavit is given as a requirement of state law as provided in Section 30-22(8) of the Illinois Procurement Code.

Signature & Date

Print Name of Affiant

Notary Public

State of IL

County _____

Signed (or subscribed or attested) before me on _____ by
(date)

_____, authorized agent(s) of
(name/s of person/s)

Bidder

Notary Public Signature & Date

My commission expires _____

(SEAL)



Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, IL 62764

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show NONE.

	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted					

Notary

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

Add pages for additional contracts

INDEX
FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2026

This index contains a listing of SUPPLEMENTAL SPECIFICATIONS, frequently used RECURRING SPECIAL PROVISIONS, and LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS.

ERRATA Standard Specifications for Road and Bridge Construction
(Adopted 1-1-22) (Revised 1-1-26)

SUPPLEMENTAL SPECIFICATIONS

<u>Std. Spec. Sec.</u>	<u>Page No.</u>
109 Measurement and Payment	1
202 Earth and Rock Excavation	2
204 Borrow and Furnished Excavation	3
207 Porous Granular Embankment	4
211 Topsoil and Compost	5
214 Grading and Shaping Ditches	6
406 Hot-Mix Asphalt Binder and Surface Course	7
407 Hot-Mix Asphalt Pavement (Full-Depth)	9
420 Portland Cement Concrete Pavement	10
502 Excavation for Structures	11
504 Precast Concrete Structures	12
509 Metal Railings	13
522 Retaining Walls	14
540 Box Culverts	15
542 Pipe Culverts	35
550 Storm Sewers	44
586 Granular Backfill for Structures	51
601 Pipe Drains, Pipe Underdrains, and French Drains	52
630 Steel Plate Beam Guardrail	53
632 Guardrail and Cable Road Guard Removal	54
644 High Tension Cable Median Barrier	55
665 Woven Wire Fence	56
701 Work Zone Traffic Control and Protection	57
781 Raised Reflective Pavement Markers	59
782 Reflectors	60
801 Electrical Requirements	62
821 Roadway Luminaires	65
1003 Fine Aggregates	66
1004 Coarse Aggregates	67
1010 Finely Divided Minerals	69
1020 Portland Cement Concrete	70
1030 Hot-Mix Asphalt	73
1040 Drain Pipe, Tile, and Wall Drain	74
1042 Precast Concrete Products	75
1061 Waterproofing Membrane System	76

1067	Luminaire	77
1097	Reflectors	84
1102	Hot-Mix Asphalt Equipment	85

RECURRING SPECIAL PROVISIONS

The following RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

<u>CHECK SHEET #</u>	<u>PAGE NO.</u>
1 Additional State Requirements for Federal-Aid Construction Contracts	87
2 Subletting of Contracts (Federal-Aid Contracts)	90
3 EEO	91
4 Specific EEO Responsibilities Nonfederal-Aid Contracts	101
5 Required Provisions - State Contracts	106
6 Asbestos Bearing Pad Removal	112
7 Asbestos Waterproofing Membrane and Asbestos Hot-Mix Asphalt Surface Removal	113
8 Temporary Stream Crossings and In-Stream Work Pads	114
9 Construction Layout Stakes	115
10 Use of Geotextile Fabric for Railroad Crossing	118
11 Subsealing of Concrete Pavements	120
12 Hot-Mix Asphalt Surface Correction	124
13 Pavement and Shoulder Resurfacing	126
14 Patching with Hot-Mix Asphalt Overlay Removal	127
15 Polymer Concrete	129
16 Reserved	131
17 Bicycle Racks	132
18 Temporary Portable Bridge Traffic Signals	134
19 Nighttime Inspection of Roadway Lighting	136
20 English Substitution of Metric Bolts	137
21 Calcium Chloride Accelerator for Portland Cement Concrete	138
22 Quality Control of Concrete Mixtures at the Plant	139
23 Quality Control/Quality Assurance of Concrete Mixtures	147
24 Reserved	163
25 Reserved	164
26 Temporary Raised Pavement Markers	165
27 Restoring Bridge Approach Pavements Using High-Density Foam	166
28 Portland Cement Concrete Inlay or Overlay	169
29 Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	173
30 Longitudinal Joint and Crack Patching	176
31 Concrete Mix Design – Department Provided	178
32 Station Numbers in Pavements or Overlays	179



Local Public Agency	County	Section Number
Village of Hoffman Estates	Cook	26703

Check this box for lettings prior to 01/01/2026

The Following Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Recurring Special Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
1	<input type="checkbox"/> Additional State Requirements for Federal-Aid Construction Contracts	87
2	<input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts)	90
3	<input type="checkbox"/> EEO	91
4	<input type="checkbox"/> Specific EEO Responsibilities Non Federal-Aid Contracts	101
5	<input type="checkbox"/> Required Provisions - State Contracts	106
6	<input type="checkbox"/> Asbestos Bearing Pad Removal	112
7	<input type="checkbox"/> Asbestos Waterproofing Membrane and Asbestos HMA Surface Removal	113
8	<input type="checkbox"/> Temporary Stream Crossings and In-Stream Work Pads	114
9	<input type="checkbox"/> Construction Layout Stakes	115
10	<input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing	118
11	<input type="checkbox"/> Subsealing of Concrete Pavements	120
12	<input type="checkbox"/> Hot-Mix Asphalt Surface Correction	124
13	<input type="checkbox"/> Pavement and Shoulder Resurfacing	126
14	<input type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal	127
15	<input type="checkbox"/> Polymer Concrete	129
16	<input type="checkbox"/> Reserved	131
17	<input type="checkbox"/> Bicycle Racks	132
18	<input type="checkbox"/> Temporary Portable Bridge Traffic Signals	134
19	<input type="checkbox"/> Nighttime Inspection of Roadway Lighting	136
20	<input type="checkbox"/> English Substitution of Metric Bolts	137
21	<input type="checkbox"/> Calcium Chloride Accelerator for Portland Cement Concrete	138
22	<input type="checkbox"/> Quality Control of Concrete Mixtures at the Plant	139
23	<input type="checkbox"/> Quality Control/Quality Assurance of Concrete Mixtures	147
24	<input type="checkbox"/> Reserved	163
25	<input type="checkbox"/> Reserved	164
26	<input type="checkbox"/> Temporary Raised Pavement Markers	165
27	<input type="checkbox"/> Restoring Bridge Approach Pavements Using High-Density Foam	166
28	<input type="checkbox"/> Portland Cement Concrete Inlay or Overlay	169
29	<input type="checkbox"/> Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	173
30	<input type="checkbox"/> Longitudinal Joint and Crack Patching	176
31	<input type="checkbox"/> Concrete Mix Design - Department Provided	178
32	<input type="checkbox"/> Station Numbers in Pavements or Overlays	179

Local Public Agency

County

Section Number

Village of Hoffman Estates

Cook

26703

The Following Local Roads And Streets Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Local Roads And Streets Recurring Special Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
LRS 1	Reserved	181
LRS 2	<input type="checkbox"/> Furnished Excavation	182
LRS 3	<input checked="" type="checkbox"/> Work Zone Traffic Control Surveillance	183
LRS 4	<input checked="" type="checkbox"/> Flaggers in Work Zones	184
LRS 5	<input checked="" type="checkbox"/> Contract Claims	185
LRS 6	<input type="checkbox"/> Bidding Requirements and Conditions for Contract Proposals	186
LRS 7	<input type="checkbox"/> Bidding Requirements and Conditions for Material Proposals	192
LRS 8	Reserved	198
LRS 9	<input type="checkbox"/> Bituminous Surface Treatments	199
LRS 10	Reserved	203
LRS 11	<input checked="" type="checkbox"/> Employment Practices	204
LRS 12	<input checked="" type="checkbox"/> Wages of Employees on Public Works	206
LRS 13	<input checked="" type="checkbox"/> Selection of Labor	208
LRS 14	<input type="checkbox"/> Paving Brick and Concrete Paver Pavements and Sidewalks	209
LRS 15	<input checked="" type="checkbox"/> Partial Payments	212
LRS 16	<input checked="" type="checkbox"/> Protests on Local Lettings	213
LRS 17	<input checked="" type="checkbox"/> Substance Abuse Prevention Program	214
LRS 18	<input type="checkbox"/> Multigrade Cold Mix Asphalt	215
LRS 19	<input type="checkbox"/> Reflective Crack Control Treatment	216

BDE SPECIAL PROVISIONS
For the April 24 and June 12, 2026 Lettings

The following special provisions indicated by a “check mark” are applicable to this contract and will be included by the Project Coordination and Implementation Section of the Bureau of Design & Environment (BDE).

File Name	#		Special Provision Title	Effective	Revised	
	80099	1	<input type="checkbox"/>	Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2022
	80274	2	<input type="checkbox"/>	Aggregate Subgrade Improvement	April 1, 2012	April 1, 2022
	80192	3	<input type="checkbox"/>	Automated Flagger Assistance Devices	Jan. 1, 2008	April 1, 2023
	80173	4	<input type="checkbox"/>	Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
	80426	5	<input checked="" type="checkbox"/>	Bituminous Surface Treatment with Fog Seal	Jan. 1, 2020	April 1, 2026
	80475	6	<input type="checkbox"/>	Bridge Deck Concrete Overlays	Jan. 1, 2026	
*	80241	7	<input type="checkbox"/>	Bridge Demolition Debris	July 1, 2009	
*	50531	8	<input type="checkbox"/>	Building Removal	Sept. 1, 1990	Aug. 1, 2022
*	50261	9	<input type="checkbox"/>	Building Removal with Asbestos Abatement	Sept. 1, 1990	Aug. 1, 2022
	80460	10	<input type="checkbox"/>	Cement, Finely Divided Minerals, Admixtures, Concrete, and Mortar	Jan. 1, 2025	Jan. 1, 2026
	80384	11	<input type="checkbox"/>	Compensable Delay Costs	June 2, 2017	April 1, 2019
*	80198	12	<input type="checkbox"/>	Completion Date (via calendar days)	April 1, 2008	
*	80199	13	<input type="checkbox"/>	Completion Date (via calendar days) Plus Working Days	April 1, 2008	
	80461	14	<input type="checkbox"/>	Concrete Barrier	Jan. 1, 2025	
	80453	15	<input type="checkbox"/>	Concrete Sealer	Nov. 1, 2023	
	80261	16	<input type="checkbox"/>	Construction Air Quality – Diesel Retrofit	June 1, 2010	Jan. 1, 2025
	80476	17	<input type="checkbox"/>	Deck Slab Repair	Jan. 1, 2026	
*	80029	18	<input type="checkbox"/>	Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Jan. 2, 2025
	80467	19	<input type="checkbox"/>	Erosion Control Blanket	Aug. 1, 2025	
	80229	20	<input type="checkbox"/>	Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
	80452	21	<input type="checkbox"/>	Full Lane Sealant Waterproofing System	Nov. 1, 2023	
	80433	22	<input type="checkbox"/>	Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	Jan. 1, 2022
	80471	23	<input type="checkbox"/>	Guardrail	Nov. 1, 2025	
	80472	24	<input type="checkbox"/>	High Friction Surface Treatment	Nov. 1, 2025	
	80456	25	<input checked="" type="checkbox"/>	Hot-Mix Asphalt	Jan. 1, 2024	April 1, 2026
	80446	26	<input type="checkbox"/>	Hot-Mix Asphalt - Longitudinal Joint Sealant	Nov. 1, 2022	Aug. 1, 2023
	80438	27	<input type="checkbox"/>	Illinois Works Apprenticeship Initiative – State Funded Contracts	June 2, 2021	April 2, 2024
	80483	28	<input checked="" type="checkbox"/>	Inlet Filters	April 1, 2026	
	80477	29	<input type="checkbox"/>	Longitudinal Tining	Jan. 1, 2026	
	80450	30	<input type="checkbox"/>	Mechanically Stabilized Earth Retaining Walls	Aug. 1, 2023	Aug. 1, 2025
	80478	31	<input type="checkbox"/>	Modified Longitudinal Construction Joint	Jan. 1, 2026	
	80464	32	<input type="checkbox"/>	Pavement Marking	April. 1, 2025	Nov. 1, 2025
	80468	33	<input type="checkbox"/>	Pavement Patching	Aug. 1, 2025	
	80441	34	<input checked="" type="checkbox"/>	Performance Graded Asphalt Binder	Jan. 1, 2023	April 1, 2026
	80459	35	<input type="checkbox"/>	Preformed Plastic Pavement Marking	June 2, 2024	
*	34261	36	<input type="checkbox"/>	Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2022
	80473	37	<input type="checkbox"/>	Raised Reflective Pavement Markers	Nov. 1, 2025	
	80455	38	<input checked="" type="checkbox"/>	Removal and Disposal of Regulated Substances	Jan. 1, 2024	April 1, 2026
	80474	39	<input type="checkbox"/>	Residential Driveway Temporary Signal	Nov. 1, 2025	
	80445	40	<input type="checkbox"/>	Seeding	Nov. 1, 2022	
	80457	41	<input type="checkbox"/>	Short Term and Temporary Pavement Markings	April 1, 2024	April 2, 2024
	80462	42	<input type="checkbox"/>	Sign Panels and Appurtenances	Jan. 1, 2025	Jan. 1, 2026
	80479	43	<input type="checkbox"/>	Sinusoidal Rumble Strips	Jan. 1, 2026	
	80469	44	<input type="checkbox"/>	Slope Wall	Aug. 1, 2025	
	80448	45	<input type="checkbox"/>	Source of Supply and Quality Requirements	Jan. 2, 2023	Jan. 1, 2026
	80340	46	<input type="checkbox"/>	Speed Display Trailer	April 2, 2014	Jan. 1, 2022
	80127	47	<input type="checkbox"/>	Steel Cost Adjustment	April 2, 2004	Nov. 1, 2025
	80480	48	<input type="checkbox"/>	Structural Repair of Concrete	Jan. 1, 2026	
	80397	49	<input type="checkbox"/>	Subcontractor and DBE Payment Reporting	April 2, 2018	
	80391	50	<input type="checkbox"/>	Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
	80463	51	<input type="checkbox"/>	Submission of Bidders List Information	Jan. 2, 2025	Mar. 2, 2025

	80482	52	<input type="checkbox"/>	Submission of Payroll Records – Federal Aid Contract	April 1, 2026	
	80437	53	<input type="checkbox"/>	Submission of Payroll Records – State Contract	April 1, 2021	April 1, 2026
	80435	54	<input type="checkbox"/>	Surface Testing of Pavements – IRI	Jan. 1, 2021	Jan. 1, 2023
	80465	55	<input type="checkbox"/>	Surveying Services	April 1, 2025	
	80481	56	<input type="checkbox"/>	Temporary Concrete Barrier	Jan. 1, 2026	
	80466	57	<input type="checkbox"/>	Temporary Rumble Strips	April 1, 2025	
	80470	58	<input type="checkbox"/>	Traffic Signal Backplate	Aug. 1, 2025	
*	20338	59	<input type="checkbox"/>	Training Special Provisions	Oct. 15, 1975	Sept. 2, 2021
	80429	60	<input type="checkbox"/>	Ultra-Thin Bonded Wearing Course	April 1, 2020	Jan. 1, 2022
	80439	61	<input type="checkbox"/>	Vehicle and Equipment Warning Lights	Nov. 1, 2021	Nov. 1, 2022
	80458	62	<input type="checkbox"/>	Waterproofing Membrane System	Aug. 1, 2024	
	80302	63	<input type="checkbox"/>	Weekly DBE Trucking Reports	June 2, 2012	Jan. 2, 2025
	80454	64	<input type="checkbox"/>	Wood Sign Support	Nov. 1, 2023	
	80427	65	<input type="checkbox"/>	Work Zone Traffic Control Devices	Mar. 2, 2020	Jan. 1, 2026
*	80071	66	<input type="checkbox"/>	Working Days	Jan. 1, 2002	

Highlighted items indicate a new or revised special provision for the letting.

An * indicates the special provision requires additional information from the designer, which needs to be submitted separately. The Project Coordination and Implementation Section will then include the information in the applicable special provision.

The following special provisions are in the 2026 Supplemental Specifications and Recurring Special Provisions.

<u>File Name</u>	<u>Special Provision Title</u>	<u>New Location(s)</u>	<u>Effective</u>	<u>Revised</u>
80447	Grading and Shaping Ditches	Articles 214.03 & 214.04	Jan. 1, 2023	

**SECTION NO. 26703
SPECIAL PROVISIONS INDEX**

SPECIAL PROVISIONS TITLE	PAGE
Definition	1
Project Description	1
Scope of Work	1
General	2
Project Supervisor	2
Resident Notification	2
Permitted Hours of Work	2
Project Schedule	3
Items Included in the Cost of Other Items	3
Application for Payment	5
Retainage	5
Accident Reporting	5
General Contractor or Subcontractor Hold Harmless Agreement	6
Material Inspection	6
Maintenance of Roadways	6
Traffic Control Plan	7
Tree Root Pruning	7
Erosion Control Blanket with Seed and Topsoil, Special	8
Portland Cement Concrete Driveway Pavement	9
Portland Cement Concrete Sidewalk, 5 Inch	10
Detectable Warnings, Special	10
Combination Concrete Curb and Gutter Removal and Replacement, Special	10
Traffic Control and Protection	12
Public Convenience and Safety (D-1)	13
Adjustments and Reconstructions (D-1)	14
LR107-4	15
Cement, Finely Divided Minerals, Admixtures; Concrete, and Mortar (BDE)	16
Compensable Delay Costs (BDE)	27
Construction Air Quality – Diesel Retrofit (BDE)	31
Removal and Disposal of Regulated Substances (BDE)	33
Work Zone Traffic Control Devices (BDE)	35
Erosion Control Blanket	37
IDOT Traffic Control Details	41
Sidewalk Locations and Tables	52
Village of Hoffman Estates Details	76
Forms For Reference Only (Not to be Returned with Submitted Bid)	
Appendix A: Sales Tax Exemption Number Authorization Form	84
Appendix B: Local Public Agency Formal Contract	87
Appendix C: Village of Hoffman Estates Payment and Surety Bond	90

VILLAGE OF HOFFMAN ESTATES
2026 Sidewalk Improvement Project

SPECIAL PROVISIONS

The following Special Provisions supplement the “Standard Specifications for Road and Bridge Construction”, adopted January 1, 2022 (hereinafter referred to as the “Standard Specifications”), the latest edition of the “Manual on Uniform Traffic Control Devices for Streets and Highways”, and the “Manual of Test Procedures of Materials” in effect on the date of invitation of bids, and the “Supplemental Specifications and Recurring Special Provisions” indicated on the Check Sheet included herein, which apply to and govern the construction Section No. 26703, in Hoffman Estates, Cook County, and in case of conflict with any part, or parts, of said specifications, the said Special Provisions shall take precedence and shall govern.

DEFINITION

When referring to the "Department" or "State" in all IDOT Specifications and Special Provisions, the Contractor should be aware that this also means the Village of Hoffman Estates, its agents and/or representatives.

PROJECT DESCRIPTION

The improvements included in this Contract consist of furnishing all of the materials, labor and equipment required for all work areas on various streets in Hoffman Estates and includes concrete curb and gutter removal and replacement, concrete sidewalk removal and replacement, driveway pavement removal and replacement, restoration of parkway areas, and together with all other incidental work necessary to complete this improvement according to the Plans, Standard Specifications and Special Provisions.

SCOPE OF WORK

The intent of the contract is to provide a complete outline of the work that the Contractor undertakes in full compliance with the plans and specifications. The Contractor shall perform all earthwork and such additional, extra, and incidental construction as may be necessary to complete the work to the finished lines, grades and cross sections in an acceptable manner. Due to budgetary constraints, the Village may increase or decrease contract quantities or remove locations of work. No compensation shall be provided to the contractor for any mobilization costs, specifically for changes to quantities.

GENERAL

The Contractor is herein notified that the Village of Hoffman Estates will require that any questions or clarifications on the contract documents must be made in writing at least three working days prior to the bid opening. No questions or clarifications received after that time will be responded to by the Village. All Contractors who submitted authorization to bid will receive written responses to all inquiries made by all contractors during the bid process no later than two working days prior to the bid opening

PROJECT SUPERVISOR

The Contractor shall designate an employee as Project Supervisor. The Project Supervisor shall be required to assume the responsibility for general supervision of the Contractor and subcontractors' operations. The Project Supervisor and the Engineer shall work together to properly control and complete the work for the proposed improvements.

The Project Supervisor is responsible for distribution of the plans to the appropriate construction personnel. Failure of the appropriate construction personnel, doing the actual construction, to have a set of plans with them will be considered cause for stoppage of the construction work from proceeding.

RESIDENT NOTIFICATION

The Contractor shall be responsible for providing written notification to all residents within the project limits. Notification must be given as follows:

Three (3) days prior to work commencing, and Three (3) days prior to residents losing access to their homes.

The Village will provide the Contractor with sample notification letters. The Engineer must approve any deviations from this format.

PERMITTED HOURS OF WORK

The Hoffman Estates Municipal Code restricts all construction activity within 500 yards of a residence to the period from 7:00 a.m. to 7:00 p.m. on weekdays and 8:00 a.m. to 6:00 p.m. on weekends and all construction activity greater than 500 yards of a residence to the period from 7:00 a.m. to 10:00 p.m. on weekdays and 8:00 a.m. to 10:00 p.m. on weekends.

PROJECT SCHEDULE

Prior to commencing construction operations, the Contractor shall meet with the Engineer for the purposes of a preconstruction meeting and present, in writing, his proposed construction schedule for sidewalk improvement areas in accordance with article 108.02 of the Standard Specifications. Once approved, the Contractor must adhere to the schedule so that resident notification and field markings of all items of work may proceed in advance of actual construction.

In preparing the construction schedule, the Contractor must follow the requirements given below:

A. ALL SIDEWALK IMPROVEMENT AREAS

Loss of access to residents must be kept to a minimum. Loss of access is defined as the point in time the sidewalk and apron is removed that does not allow to access to residential driveway; All residents must be notified by the Contractor a minimum of three (3) days before access will be lost. Upon the loss of access, the Contractor will be held to the following requirements:

- Once the Contractor has started the removal of the sidewalk, residential driveway access shall be restored within 14 calendar days after loss of access. Failure to complete this work within the allotted time will result in liquidated damages in the amount of \$1,275 per calendar day per location.
- Once work has started on any street project location, the Contractor will then have 21 calendar days in which to complete the installation of concrete the curb and gutter, sidewalk, driveway aprons and topsoil backfill.

B. It is essential that constant, non-interrupted progress occur on each street.

C. Emergency vehicle access must be maintained at all times. Failure to comply will result in liquidated damages in the amount of \$1,275 per calendar day.

ITEMS INCLUDED IN THE COST OF OTHER ITEMS

The Contractor's attention is called to several specific work items as noted on the Contract Plans and Special Provisions and in addition to the lists in the Standard Specifications. Listed below is a listing of these items for general information only. The list is not intended to be all- inclusive and, therefore, the Contractor is responsible to perform all work according to the Plans, Special Provisions and the Standard Specifications.

- The contractor shall maintain all drainage facilities during construction and shall repair any drainage facilities damaged during construction. Cost of this work shall be included in the cost of applicable pay items.

- Whenever, during construction operations, any loose material is deposited in the flow line of drainage structures, ditches, gutters, etc. such that the natural flow of water is obstructed, the loose material will be removed at the close of each working day. At the conclusion of construction operations, all drainage structures and flow lines shall be free from dirt and debris. This work will not be paid for separately but shall be included in the cost of the contract.
- Concrete curing materials shall be applied to all new concrete gutter flags, faces and tops of curbs, sidewalks, and driveway pavements in accordance with the requirements of Section 1022 of the Standard Specifications. The protective coat shall be a clear curing compound of similar specifications to W.R. Meadows Seal Tight 1130 clear, Chemmasters Safe-Cure Clear, or Dayton Superior Day-Chem Rez Cure (J-11-W). The contractor shall abide by the Manufacturer's specifications in the preparation and application of the membrane curing compound. This work will not be paid for separately but shall be included in the cost of the applicable pay items.
- Concrete washout shall be provided for all work locations at a location approved by the Engineer. The concrete washout shall follow plan details or approved equivalent. This work will not be paid for separately but shall be included in the cost of the applicable pay items.
- Saw cutting shall be performed at locations designated on the plans, or as directed by the Engineer, and shall be considered included in the cost of applicable pay items. After saw cutting, the Contractor shall immediately remove all concrete or asphalt slurry from the work area, specifically from the pavement, driveway, sidewalk and curb and gutter which is to remain in place. In the event the concrete or asphalt slurry is not removed immediately and the concrete or asphalt slurry cures and adheres to the adjacent surface, the Contractor shall remove and replace the portion with concrete or asphalt slurry to the satisfaction of the Engineer. No additional compensation will be allowed for removal of the slurry or removal and replacement of the adjacent area due to slurry which was not immediately removed from the adjacent area.
- Pavement shall be saw cut 6" from the edge of the curb at all locations with Curb and Gutter Removal & Replacement, Special. This area shall be front-filled with Class SI Concrete. Cost of this work shall not be paid for separately but shall be included in the cost of applicable pay items.
- The contractor shall be required to move, secure, and store any decorative rocks, paver bricks, sprinkler heads, or landscape items that interfere with construction. Upon completion of the construction, the contractor shall move these items back to their original location and in their original condition. Damaged items must be replaced in-kind. Sprinkler irrigation lines may be repaired with sleeves. Additional restoration may be required to ensure positive drainage for impacted brick paver driveways, aprons, or walkways adjacent to work. This work will be considered included in the cost of the associated pay item that interfered with these features.

- Curbside mailboxes and posts are located on various streets throughout the Village. Any damaged mailbox and/or post shall be repaired/replaced according to the mailbox detail at the contractor's expense. Cost of this work will not be paid for separately but shall be included in the cost of the contract.
- Any tree roots removed during excavation activities shall be consolidated at each project location, per direction of the Engineer, and will be removed and disposed of by the Village at no cost to the Contractor.

APPLICATION FOR PAYMENT

A written application for payment for work completed shall be submitted to the Village by the Contractor not more than once monthly on a date specified by the Village. The Contractor must submit Partial Waivers of Lien from all subcontractors and suppliers for all materials and labor involved, in the amount of the sum total of the application for payment. When the request for final payment is made, Final Waivers of Lien shall be supplied by the Contractor, subcontractors and all firms which supplied materials or services under this Contract, agreeing that said Contract has been performed, constructed, finished and delivered to the Village free from all claims, liens or charges in the nature of mechanics' liens either in favor of the Contractor or any party, firm or corporation entitled to such lien. The Contractor shall furnish an affidavit stating that all Waivers submitted are the total amount of Waivers required to be submitted. No applications for payment shall be submitted by the Contractor to the Village unless the required Waivers are supplied. Waivers must be furnished by the Contractor to the Engineer at least five days prior to the application for payment submittal date. All contractors and subcontractors shall comply with all applicable state and federal laws including, but not limited to, the Illinois Prevailing Wage Act. Certified Payroll is required from the Contractor and from all subcontractors before payment is released. Failure of the Contractor to submit correct Waivers of Lien at the required time may cause a delay in payment. The issuance of payments for work performed shall in no way lessen the responsibilities of the Contractor.

RETAINAGE

Retainage will be held in the amount of ten percent (10%) of the completed work for the first 50 percent of the contract. After 50 percent or more of the work is completed, retainage will be held in the amount of 5 percent. After 75 percent or more of the work is completed, retainage will be held at 5 percent or lower, at the discretion of the Engineer. Retainage will be withheld until all work and punch list deficiencies are completed to the satisfaction of the Engineer.

ACCIDENT REPORTING

All accidents occurring on the job which damage public or private property, or result in injuries to worker or other persons, shall be promptly reported to the Engineer and Police Department.

Accidents involving utilities shall also be reported to the appropriate utility. This applies to all accidents, including, but not limited to, traffic accidents, broken pipelines, power and telephone facilities, and damage to adjacent properties.

GENERAL CONTRACTOR OR SUBCONTRACTOR HOLD HARMLESS AGREEMENT

The Contractor shall indemnify and hold harmless the Municipality, its agents, and its employees from and against all claims for personal injury or property damage, including claims against the Village, its agents, or servants, arising out of the Illinois Structural Work Act, and all losses and expenses, including attorney's fees that may be incurred by the Village, defending such claims, arising out of or resulting from the performance of the work and caused in whole or in part by any negligent act or omission of the Contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by the party indemnified hereunder. In any and all claims against the Village or any of its agents, or servants by an employee of a Contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation under this paragraph shall not be limited in any way by any limitation on the amount or type of damages, compensation of benefits payable by or for the Contractor or subcontractor under Workers' Compensation Acts, Disability Acts, or their Employee Benefit Acts.

MATERIAL INSPECTION

All P.C. Concrete materials used on this project shall be tested and inspected for compliance with the requirements of the IDOT Standard Specifications and the Project Procedure Guide.

The Contractor shall contact the Engineer and Village's testing consultant 48-hours in advance of construction for inspection of all PCC materials used on this project.

The Contractor is to submit a Q/C plan for PCC materials to the Q/A Manager for approval prior to construction operations commencing.

All Q/C reports shall be sent to the Village's Q/A Manager as well as to the Engineer.

MAINTENANCE OF ROADWAYS

Effective: September 30, 1985

Revised: November 1, 1996

Beginning on the date that work begins on this project, the Contractor shall assume responsibility for normal maintenance of all existing roadways within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the Engineer, but shall not include snow removal operations. Traffic control and protection for maintenance of roadways will be provided by the Contractor as required by the Engineer.

If items of work have not been provided in the contract, or otherwise specified for payment, such items, including the accompanying traffic control and protection required by the Engineer, will be paid for in accordance with Article 109.04 of the Standard Specifications.

TRAFFIC CONTROL PLAN

Traffic Control shall be in accordance with the applicable sections of the Standard Specifications, the Supplemental Specifications, the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", any IDOT Highway Standards contained in the plans, the Traffic Specifications and the Special Provisions contained herein.

Special attention is called to Article 107.09 of the Standard Specifications and the following IDOT Highway Standards, Details, and Special Provisions contained herein, relating to traffic control.

STANDARDS: 701006-05, 701301-04, 701311-03, 701501-06, 701601-09, 701701-10, 701801-06, 701901-08, 780001-05

DETAILS:

Traffic Control and Protection for Side Roads, Intersections, and Driveways (TC-10)
District One Typical Pavement Markings (TC-13)

SPECIAL PROVISIONS:

Maintenance of Roadways
Traffic Control and Protection
Public Convenience and Safety (District 1)
Work Zone Traffic Control Surveillance (LRS 3)
Flaggers in Work Zones (LRS 4)

The contractor shall notify the Engineer at least 72 hours in advance of any change in traffic staging.

BASIS OF PAYMENT: All traffic control and protection will be paid for at the contract lump sum price for **TRAFFIC CONTROL AND PROTECTION**.

TREE ROOT PRUNING

This work shall consist of root pruning of trees as designated on the plans or as directed in the field by the Engineer. This work shall be done in accordance with Section 201 of the Standard

Specifications and as modified herein, and shall be performed prior to any pavement removal on a street.

Root-pruning cuts shall be made parallel to the curb along the street and/or sidewalk and four (4) feet beyond the tree's drip line on each end. All root-pruning cuts shall be made to a depth of eighteen (18) to twenty-four (24) inches. Root pruning shall be placed between twenty-four (24) and thirty (30) inches behind the back of curb or adjacent to the sidewalk.

All root-pruning cuts must be completed before the removal of any concrete adjacent to the tree being pruned. If any root-pruning is not completed before the removal of concrete, the root pruning will not be measured for payment.

All root-pruning cuts shall be completely backfilled immediately as part of this pay item. If any root pruning cuts are not completely backfilled immediately, the root pruning cuts in question will not be measured for payment.

This work shall be paid for at the Contract Unit Price per each for TREE ROOT PRUNING, which price shall include all labor, equipment, and incidentals necessary to complete the work as described above.

EROSION CONTROL BLANKET WITH SEED AND TOPSOIL, SPECIAL

This work shall be done in accordance with Section 211, Section 250 and 251.04 of the Standard Specifications and as modified herein.

Any backfill material in the right-of-way must be compactable and shall be approved by the Engineer prior to its use.

All areas shall be backfilled and topsoil shall be placed and fine graded within 10 calendar days but not before 3 calendar days of the completion of the curb and gutter, driveway, and sidewalk. Liquidated Damages of \$1,275 per day will be assessed if the backfilling of the parkway or private property is not completed within the above stated time frame.

The Contractor must make sure the topsoil is properly compacted. Any settlement of the restored areas due to improper placement of the topsoil must be corrected to the satisfaction of the Engineer.

The disturbed areas that are to be restored on the street must be able to obtain positive drainage to the satisfaction of the Engineer. As directed by the Engineer, disturbed areas will require variable depth placement of topsoil between to a maximum depth of 6 inches to finished grade, as directed by the Engineer. The contractor shall follow the preparation requirements in the specifications.

Seeding shall be Class 1 Lawn Mixture.

Staples shall meet the ASTM D6400 Biodegradable Standard.

It shall be the responsibility of the Contractor to guarantee uniform growth of the seeded areas. Any areas not deemed to have acceptable growth by the Engineer shall be reseeded, at no additional cost, regardless of the original planting time.

The limits of EROSION CONTROL BLANKET WITH SEED AND TOPSOIL, SPECIAL shall be determined by the Engineer in the field. Any necessary excavation required to bring the restoration area to proper elevation and/or slope shall NOT be paid for separately and shall be considered included in the cost of this pay item. If additional areas are damaged or removed beyond the limit as specified by the Engineer, the excess areas removed or damaged shall be restored or repaired at the Contractor's expense.

This work shall be paid for at the Contract Unit Price per square yard for EROSION CONTROL BLANKET WITH SEED AND TOPSOIL, SPECIAL which price shall include all labor, equipment, materials and incidentals required to complete the work described above.

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT

This work shall be done in accordance with Section 423 of the Standard Specifications and as modified herein at locations shown on the Plans or designated by the Engineer in the field.

Any necessary excavation required to bring the sub grade to proper elevation shall be considered incidental to this pay item.

Driveway pavement construction shall consist of 6-inch thick Portland Cement Concrete with synthetic fibers along with 4 inches of compacted CA-6, crushed stone base placed on approved sub grade. The stone shall meet the requirements of article 1004.01. The saw cutting on the existing concrete aprons shall not be paid for separately, but shall be considered incidental to the contract.

Furnishing, placing, and compacting the stone base shall be considered incidental to this pay item. The Contractor may incorporate material used under the pay item AGGREGATE FOR TEMPORARY ACCESS in the construction of the driveway stone base. Any additional aggregate needed to bring the base to the proper depth shall be considered incidental to this pay item.

All formwork must be approved by the Engineer prior to completing work. All concrete forms shall be sized properly to cover the entirety of the slab thickness.

The Contractor shall be available to do private concrete work in the right-of-way. This would consist of the remaining portion of the apron or sidewalk.

This work shall be paid for at the Contract Unit Price per square yard for PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH which price shall include all labor, equipment, materials and incidentals to complete the work described above.

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

This work shall consist of constructing a Portland Cement Concrete Sidewalk on a prepared sub grade in accordance with Section 424 of the Standard Specifications at locations shown on the plans or designated by the Engineer in the field.

Any necessary excavation required to bring the sub grade to proper elevation shall NOT be paid for separately and shall be considered included in the cost of this pay item.

Sidewalk construction shall consist of 5 inch thick Portland Cement Concrete with 4 inches of compacted CA-6, crushed stone placed on approved sub grade. The stone shall meet the requirements of CA- 6 per article 1004.01, and shall be considered included in the cost of this pay item. Concrete sidewalks marked for replacement within driveway areas shall be installed 6 inches thick. The saw cutting on the existing concrete sidewalks shall not be paid for separately, but shall be considered included in the cost of this pay item.

All formwork must be approved by the Engineer prior to completing work. All concrete forms shall be sized properly to cover the entirety of the slab thickness. Also, the formwork must be installed in a manner to allow for the Engineer to properly determine sidewalk cross slope.

At all sidewalk ramps for the handicapped, work shall be completed in accordance with Project Details and Standards 424001, 424016, 424021, and 424026.

This work shall be paid for at the Contract Unit Price per square foot for PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH which price shall include all labor, equipment, materials and incidentals necessary to complete this item described above.

DETECTABLE WARNINGS, SPECIAL

This work shall consist of the installation of detectable warnings at pedestrian crossings as directed by the Engineer. This work shall be done in accordance with the applicable portions of Section 424 of the standard Specifications.

For 4 foot wide sidewalk, the detectable warning shall be:

ADA Solutions 2448PAV in BRICK RED color or
ADA Solutions 2448REP in BRICK RED color or
Armor Tile ADA-C-2448W in Colonial Red or approved equivalent.

For 5 foot wide sidewalk, the detectable warning shall be:
ADA Solutions 2460PAV in BRICK RED color or
ADA Solutions 2460REP in BRICK RED color or
Armor Tile ADA-C-2460W in Colonial Red or approved equivalent.

If radial panels are required between 6 foot radius and 21 foot radius, the detectable warning shall be:
ADA Solutions 24RADREP in BRICK RED color or approved equivalent.

This work shall be paid for at the Contract Unit Price per square foot for DETECTABLE WARNINGS, SPECIAL which price shall include all labor, equipment, materials and incidentals required to complete the work described above.

COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT SPECIAL

This work shall be done in accordance with Section 606 and Section 440 of the Standard Specifications, applicable project Special Provisions, and as modified herein. This work shall consist of the removal and satisfactory disposal of the **partial** existing curb and gutter at the locations shown on the plans as directed by the Engineer. The work shall consist of constructing **partial** combination curb and gutter of the type specified at the locations shown on the plans or as directed by the Engineer.

The Contractor shall saw cut six (6) inches from the curb edge into the existing pavement at all removal locations or as directed by the Engineer. The Contractor shall front fill this area with concrete one inch below the front edge of the curb and gutter. The concrete front filling must be a separate pour from the curb and gutter, once the curb and gutter have adequately cured. No extra compensation shall be allowed for the additional excavation in width of the existing pavement or in the thickness of the pavement, saw cutting, and front filling of concrete.

The proposed combination concrete curb and gutter shall be B6.12 or M3.12 as shown in the curb detail in the plans. New curb and gutter or curb shall have a gutter thickness equal to the pavement thickness at all locations. The Engineer must approve forming methods for pouring the curb and gutter.

Backfilling of excavated or disturbed areas behind the new curb and gutter shall be done within 10 calendar days of placement of the curb and gutter, but not before 3 calendar days. Backfill material

shall consist of approved clay, sand, or topsoil placed in compacted layers until a minimum of 6-inches in depth remains from the top of the curb and gutter. Compaction of this material is essential and must be done in a proper manner by the contractor. This work shall not be paid for separately, but shall be considered incidental to the contract.

The construction shall include the placement of three (3) inches of aggregate material meeting the requirements of article 1004.01 prior to the placement of the curb and gutter. The base shall be compacted to the satisfaction of the Engineer. The sub grade shall be tamped or rolled until thoroughly compacted before the aggregate materials are placed. This work shall not be paid for separately, but shall be incidental to the Contract Unit Price for this pay item.

This work shall be paid for at the Contract Unit Price per foot for COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, SPECIAL which price shall include all labor, equipment, materials, and incidentals to complete the work described above.

TRAFFIC CONTROL AND PROTECTION

Traffic Control and Protection shall be provided as called for in the plans, details, Special Provisions, Highway Standards, applicable sections of the Standard Specifications, or as directed by the Engineer. The work shall be performed in accordance applicable portions of Section 701 of the Standard Specifications.

This work shall be paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION which price shall include all labor, materials, transportation, handling, and incidentals necessary to furnish, install, maintain, replace, relocate, and remove all traffic control devices indicated in the plans and specifications.

PUBLIC CONVENIENCE AND SAFETY (D1)

Effective: May 1, 2012

Revised: July 15, 2012

Add the following to the end of the fourth paragraph of Article 107.09:

“If the holiday is on a Saturday or Sunday, and is legally observed on a Friday or Monday, the length of Holiday Period for Monday or Friday shall apply.”

Add the following sentence after the Holiday Period table in the fourth paragraph of Article 107.09:

“The Length of Holiday Period for Thanksgiving shall be from 5:00 AM the Wednesday prior to 11:59 PM the Sunday After”

Delete the fifth paragraph of Article 107.09 of the Standard Specifications:

“On weekends, excluding holidays, roadways with Average Daily Traffic of 25,000 or greater, all lanes shall be open to traffic from 3:00 P.M. Friday to midnight Sunday except where structure construction or major rehabilitation makes it impractical.”

ADJUSTMENTS AND RECONSTRUCTIONS (D1)

Effective: March 15, 2011

Revised: October 1, 2021

Revise the first paragraph of Article 602.04 to read:

“602.04 Concrete. Cast-in-place concrete for structures shall be constructed of Class SI concrete according to the applicable portions of Section 503. Cast-in-place concrete for pavement patching around adjustments and reconstructions shall be constructed of Class PP-2 concrete, unless otherwise noted in the plans, according to the applicable portions of Section 1020.”

Revise the third, fourth and fifth sentences of the second paragraph of Article 602.11(c) to read:

“Castings shall be set to the finished pavement elevation so that no subsequent adjustment will be necessary, and the space around the casting shall be filled with Class PP-2 concrete, unless otherwise noted in the plans, to the elevation of the surface of the base course or binder course. HMA surface or binder course material shall not be allowed. The pavement may be opened to traffic according to Article 701.17(e)(3)b.”

Revise Article 603.05 to read:

“603.05 Replacement of Existing Flexible Pavement. After the castings have been adjusted, the surrounding space shall be filled with Class PP-2 concrete, unless otherwise noted in the plans, to the elevation of the surface of the base course or binder course. HMA surface or binder course material shall not be allowed. The pavement may be opened to traffic according to Article 701.17(e)(3)b.”

Revise Article 603.06 to read:

“603.06 Replacement of Existing Rigid Pavement. After the castings have been adjusted, the pavement and HMA that was removed, shall be replaced with Class PP-2 concrete, unless otherwise noted in the plans, not less than 9 in. (225 mm) thick. The pavement may be opened to traffic according to Article 701.17(e)(3)b.

The surface of the Class PP concrete shall be constructed flush with the adjacent surface.”

Revise the first sentence of Article 603.07 to read:

“603.07 Protection Under Traffic. After the casting has been adjusted and the Class PP concrete has been placed, the work shall be protected by a barricade and two lights according to Article 701.17(e)(3)b.”

State of Illinois
Department of Transportation
Bureau of Local Roads and Streets

SPECIAL PROVISION
FOR
INSURANCE

Effective: February 1, 2007
Revised: August 1, 2007

All references to Sections or Articles in this specification shall be construed to mean specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation.

The Contractor shall name the following entities as additional insured under the Contractor's general liability insurance policy in accordance with Article 107.27:

The entities listed above and their officers, employees, and agents shall be indemnified and held harmless in accordance with Article 107.26.

CEMENT, FINELY DIVIDED MINERALS, ADMIXTURES; CONCRETE, AND MORTAR (BDE)

Effective: January 1, 2025

Revise the first paragraph of Article 285.05 of the Standard Specifications to read:

“285.05 Fabric Formed Concrete Revetment Mat. The grout shall consist of a mixture of cement, fine aggregate, and water so proportioned and mixed as to provide a pumpable slurry. Fly ash or ground granulated blast furnace (GGBF) slag, and concrete admixtures may be used at the option of the Contractor. The grout shall have an air content of not less than 6.0 percent nor more than 9.0 percent of the volume of the grout. The mix shall obtain a compressive strength of 2500 psi (17,000 kPa) at 28 days according to Article 1020.09.”

Revise Article 302.02 of the Standard Specifications to read:

“302.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Cement	1001
(b) Water	1002
(c) Hydrated Lime	1012.01
(d) By-Product, Hydrated Lime	1012.02
(e) By-Product, Non-Hydrated Lime	1012.03
(f) Lime Slurry	1012.04
(g) Fly Ash	1010
(h) Soil for Soil Modification (Note 1)	1009.01
(i) Bituminous Materials (Note 2)	1032

Note 1. This soil requirement only applies when modifying with lime (slurry or dry).

Note 2. The bituminous materials used for curing shall be emulsified asphalt RS-2, CRS-2, HFE 90, or HFE 150; rapid curing liquid asphalt RC-70; or medium curing liquid asphalt MC-70 or MC-250.”

Revise Article 312.07(c) of the Standard Specifications to read:

“(c) Cement1001”

Add Article 312.07(i) of the Standard Specifications to read:

“(i) Ground Granulated Blast Furnace (GGBF) Slag1010”

Revise the first paragraph of Article 312.09 of the Standard Specifications to read:

“312.09 Proportioning and Mix Design. At least 60 days prior to start of placing CAM II, the Contractor shall submit samples of materials to be used in the work for proportioning and testing.

The mixture shall contain a minimum of 200 lb (120 kg) of cement per cubic yard (cubic meter). Cement may be replaced with fly ash or ground granulated blast furnace (GGBF) slag according to Article 1020.05(c)(1) or 1020.05(c)(2), respectively, however the minimum cement content in the mixture shall be 170 lbs/cu yd (101 kg/cu m). Blends of coarse and fine aggregates will be permitted, provided the volume of fine aggregate does not exceed the volume of coarse aggregate. The Engineer will determine the proportions of materials for the mixture according to the "Portland Cement Concrete Level III Technician Course" manual. However, the Contractor may substitute their own mix design. Article 1020.05(a) shall apply, and a Level III PCC Technician shall develop the mix design."

Revise Article 352.02 of the Standard Specifications to read:

"352.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Cement (Note 1)	1001
(b) Soil for Soil-Cement Base Course	1009.03
(c) Water	1002
(d) Bituminous Materials (Note 2)	1032

Note 1. Bulk cement may be used for the traveling mixing plant method if the equipment for handling, weighing, and spreading the cement is approved by the Engineer.

Note 2. The bituminous materials used for curing shall be emulsified asphalt RS-2, CRS-2, HFE 90, or HFE 150; rapid curing liquid asphalt RC-70; or medium curing liquid asphalt MC-70 or MC-250."

Revise Article 404.02 of the Standard Specifications to read:

"404.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Cement	1001
(b) Water	1002
(c) Fine Aggregate	1003.08
(d) Bituminous Material (Tack Coat)	1032.06
(e) Emulsified Asphalts (Note 1) (Note 2)	1032.06
(f) Fiber Modified Joint Sealer	1050.05
(g) Additives (Note 3)	

Note 1. When used for slurry seal, the emulsified asphalt shall be CQS-1h according to Article 1032.06(b).

Note 2. When used for micro-surfacing, the emulsified asphalt shall be CQS-1hP according to Article 1032.06(e).

Note 3. Additives may be added to the emulsion mix or any of the component materials to provide the control of the quick-traffic properties. They shall be included as part of the mix design and be compatible with the other components of the mix.

Revise the last sentence of the fourth paragraph of Article 404.08 of the Standard Specifications to read:

“When approved by the Engineer, the sealant may be dusted with fine sand, cement, or mineral filler to prevent tracking.”

Revise Note 2 of Article 516.02 of the Standard Specifications to read:

“Note 2. The sand-cement grout mix shall be according to Section 1020 and shall be a 1:1 blend of sand and cement comprised of a Type I, IL, or II cement at 185 lb/cu yd (110 kg/cu m). The maximum water cement ratio shall be sufficient to provide a flowable mixture with a typical slump of 10 in. (250 mm).”

Revise Note 2 of Article 543.02 of the Standard Specifications to read:

“Note 2. The grout mixture shall be 6.50 hundredweight/cu yd (385 kg/cu m) of cement plus fine aggregate and water. Fly ash or ground granulated blast furnace (GGBF) slag may replace a maximum of 5.25 hundredweight/cu yd (310 kg/cu m) of the cement. The water/cement ratio, according to Article 1020.06, shall not exceed 0.60. An air-entraining admixture shall be used to produce an air content, according to Article 1020.08, of not less than 6.0 percent nor more than 9.0 percent of the volume of the grout. The Contractor shall have the option to use a water-reducing or high range water-reducing admixture.”

Revise Article 583.01 of the Standard Specifications to read:

“**583.01 Description.** This work shall consist of placing cement mortar along precast, prestressed concrete bridge deck beams as required for fairing out any unevenness between adjacent deck beams prior to placing of waterproofing membrane and surfacing.”

Revise Article 583.02(a) of the Standard Specifications to read:

“(a) Cement1001”

Revise the first paragraph of Article 583.03 of the Standard Specifications to read:

“**583.03 General.** This work shall only be performed when the air temperature is 45 °F (7 °C) and rising. The mixture for cement mortar shall consist of three parts sand to one part cement by volume. The amount of water shall be no more than that necessary to produce a workable, plastic mortar.”

Revise Note 2/ in Article 1003.01(b) of the Standard Specifications to read:

“2/ Applies only to sand. Sand exceeding the colorimetric test standard of 11 (Illinois Modified AASHTO T 21) will be checked for mortar making properties according to Illinois Modified ASTM C 87 and shall develop a compressive strength at the age of 14 days when using Type I, IL, or II cement of not less than 95 percent of the comparable standard.

Revise the second sentence of Article 1003.02(e)(1) of the Standard Specifications to read:

“The test will be performed with Type I, IL, or II portland cement having a total equivalent alkali content ($\text{Na}_2\text{O} + 0.658\text{K}_2\text{O}$) of 0.90 percent or greater.”

Revise the first sentence of the second paragraph of Article 1003.02(e)(3) of the Standard Specifications to read:

“The ASTM C 1293 test shall be performed with Type I, IL, or II portland cement having a total equivalent alkali content ($\text{Na}_2\text{O} + 0.658\text{K}_2\text{O}$) of 0.80 percent or greater.”

Revise the second sentence of Article 1004.02(g)(1) of the Standard Specifications to read:

“The test will be performed with Type I, IL, or II portland cement having a total equivalent alkali content ($\text{Na}_2\text{O} + 0.658\text{K}_2\text{O}$) of 0.90 percent or greater.”

Revise Article 1017.01 of the Standard Specifications to read:

“**1017.01 Requirements.** The mortar shall be high-strength according to ASTM C 387 and shall have a minimum 80.0 percent relative dynamic modulus of elasticity when tested by the Department according to Illinois Modified AASHTO T 161 or AASHTO T 161 when tested by an independent lab. The high-strength mortar shall have a water-soluble chloride ion content of less than 0.40 lb/cu yd (0.24 kg/cu m). The test shall be performed according to ASTM C 1218, and the high-strength mortar shall have an age of 28 to 42 days at the time of test. The ASTM C 1218 test shall be performed by an independent lab a minimum of once every five years, and the test results shall be provided to the Department. Mixing of the high-strength mortar shall be according to the manufacturer’s specifications. The Department will maintain a qualified product list.”

Revise the fourth sentence of Article 1018.01 of the Standard Specifications to read:

“The ASTM C 1218 test shall be performed by an independent lab a minimum of once every five years, and the test results shall be provided to the Department.”

Revise Article 1019.02 of the Standard Specifications to read:

“**1019.02 Materials.** Materials shall be according to the following.

Item	Article/Section
(a) Cement	1001
(b) Water	1002

- (c) Fine Aggregate for Controlled Low-Strength Material (CLSM) 1003.06
- (d) Fly Ash 1010
- (e) Ground Granulated Blast Furnace (GGBF) Slag..... 1010
- (f) Admixtures (Note 1)

Note 1. The air-entraining admixture may be in powder or liquid form. Prior to approval, a CLSM air-entraining admixture will be evaluated by the Department. The admixture shall be able to meet the air content requirements of Mix 2. The Department will maintain a qualified product list.”

Revise Article 1019.05 of the Standard Specifications to read:

“**1019.05 Department Mix Design.** The Department mix design shall be Mix 1, 2, or 3 and shall be proportioned to yield approximately one cubic yard (cubic meter).

Mix 1	
Cement	50 lb (30 kg)
Fly Ash – Class C or F, and/or GGBF Slag	125 lb (74 kg)
Fine Aggregate – Saturated Surface Dry	2900 lb (1720 kg)
Water	50-65 gal (248-322 L)
Air Content	No air is entrained

Mix 2	
Cement	125 lb (74 kg)
Fine Aggregate – Saturated Surface Dry	2500 lb (1483 kg)
Water	35-50 gal (173-248 L)
Air Content	15-25 %

Mix 3	
Cement	40 lb (24 kg)
Fly Ash – Class C or F, and/or GGBF Slag	125 lb (74 kg)
Fine Aggregate – Saturated Surface Dry	2500 lb (1483 kg)
Water	35-50 gal (179-248 L)
Air Content	15-25 %”

Revise Article 1020.04, Table 1, Note (8) of the Standard Specifications to read:

“(8) In addition to the Type III portland cement, 100 lb/cu yd of ground granulated blast-furnace slag and 50 lb/cu yd of microsilica (silica fume) shall be used. For an air temperature greater than 85 °F, the Type III portland cement may be replaced with Type I, IL, or II portland cement.”

Revise Article 1020.04, Table 1 (Metric), Note (8) of the Standard Specifications to read:

“(8) In addition to the Type III portland cement, 60 kg/cu m of ground granulated blast-furnace slag and 30 kg/cu m of microsilica (silica fume) shall be used. For an air temperature greater than 30 °C, the Type III portland cement may be replaced with Type I, IL, or II portland cement.”

Revise the second paragraph of Article 1020.05(a) of the Standard Specifications to read:

“For a mix design using a portland-pozzolan cement, portland blast-furnace slag cement, portland-limestone cement, or replacing portland cement with finely divided minerals per Articles 1020.05(c) and 1020.05(d), the Contractor may submit a mix design with a minimum portland cement content less than 400 lbs/cu yd (237 kg/cu m), but not less than 375 lbs/cu yd (222 kg/cu m), if the mix design is shown to have a minimum relative dynamic modulus of elasticity of 80 percent determined according to AASHTO T 161. Testing shall be performed by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete.”

Revise the first sentence of the first paragraph of Article 1020.05(b) of the Standard Specifications to read:

“Corrosion inhibitors and concrete admixtures shall be according to the qualified product lists.”

Delete the fourth and fifth sentences of the second paragraph of Article 1020.05(b) of the Standard Specifications.

Revise the third sentence of the second paragraph of Article 1020.05(b)(5) of the Standard Specifications to read:

“The qualified product lists of concrete admixtures shall not apply.”

Revise second paragraph of Article 1020.05(b)(10) of the Standard Specifications to read:

“When calcium nitrite is used, it shall be added at the rate of 4 gal/cu yd (20 L/cu m) and shall be added to the mix immediately after all compatible admixtures have been introduced to the batch. Other corrosion inhibitors shall be added per the manufacturer’s specifications.”

Delete the third paragraph of Article 1020.05(b)(10) of the Standard Specifications.

Revise Article 1020.15(b)(1)c. of the Standard Specifications to read:

“c. The minimum portland cement content in the mixture shall be 375 lbs/cu yd (222 kg/cu m). When the total of organic processing additions, inorganic processing additions, and limestone addition exceed 5.0 percent in the cement, the minimum portland cement content in the mixture shall be 400 lbs/cu yd (237 kg/cu m). For a drilled shaft, foundation, footing, or substructure, the

minimum portland cement may be reduced to as low as 330 lbs/cu yd (196 kg/cu m) if the concrete has adequate freeze/thaw durability. The Contractor shall provide freeze/thaw test results according to AASHTO T 161, and the relative dynamic modulus of elasticity of the mix design shall be a minimum of 80 percent. Testing shall be performed by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete. Freeze/thaw testing will not be required for concrete that will not be exposed to freezing and thawing conditions as determined by the Engineer.”

Revise Article 1021.01 of the Standard Specifications to read:

“**1021.01 General.** Admixtures shall be furnished in liquid or powder form ready for use. The admixtures shall be delivered in the manufacturer's original containers, bulk tank trucks or such containers or tanks as are acceptable to the Engineer. Delivery shall be accompanied by a ticket which clearly identifies the manufacturer, the date of manufacture, and trade name of the material. Containers shall be readily identifiable as to manufacturer, the date of manufacture, and trade name of the material they contain.

Concrete admixtures shall be on one of the Department's qualified product lists. Unless otherwise noted, admixtures shall have successfully completed and remain current with the AASHTO Product Eval and Audit Concrete Admixture (CADD) testing program. For admixture submittals to the Department; the product brand name, manufacturer name, admixture type or types, an electronic link to the product's technical data sheet, and the NTPEP testing number which contains an electronic link to all test data shall be provided. In addition, a letter shall be submitted certifying that no changes have been made in the formulation of the material since the most current round of tests conducted by AASHTO Product Eval and Audit. After 28 days of testing by AASHTO Product Eval and Audit, air-entraining admixtures may be provisionally approved and used on Departmental projects. For all other admixtures, unless otherwise noted, the time period after which provisionally approved status may be earned is 6 months.

The manufacturer shall include the following in the submittal to the AASHTO Product Eval and Audit CADD testing program: the manufacturing range for specific gravity, the midpoint and manufacturing range for residue by oven drying, and manufacturing range of pH. The submittal shall also include an infrared spectrophotometer trace no more than five years old.

For air-entraining admixtures according to Article 1021.02, the specific gravity allowable manufacturing range established by the manufacturer shall be according to AASHTO M 194. For residue by oven drying and pH, the allowable manufacturing range and test methods shall be according to AASHTO M 194.

For admixtures according to Articles 1021.03, 1021.04, 1021.05, 1021.06, 1021.07, and 1021.08, the pH allowable manufacturing range established by the manufacturer shall be according to ASTM E 70. For specific gravity and residue by oven drying, the allowable manufacturing range and test methods shall be according to AASHTO M 194.

All admixtures, except chloride-based accelerators, shall contain a maximum of 0.3 percent chloride by weight (mass) as determined by an appropriate test method. To verify the test result, the Department will use Illinois Modified AASHTO T 260, Procedure A, Method 1.

Prior to final approval of an admixture, the Engineer reserves the right to request a sample for testing. The test and reference concrete mixtures tested by the Engineer will contain a cement content of 5.65 cwt/cu yd (335 kg/cu m). For freeze-thaw testing, the Department will perform the test according to Illinois Modified AASHTO T 161. The flexural strength test will be performed according to AASHTO T 177. If the Engineer decides to test the admixture, the manufacturer shall submit AASHTO T 197 water content and set time test results on the standard cement used by the Department. The manufacturer may select their lab or an independent lab to perform this testing. The laboratory is not required to be accredited by AASHTO.

Random field samples may be taken by the Department to verify an admixture meets specification. A split sample will be provided to the manufacturer if requested. Admixtures that do not meet specification requirements or an allowable manufacturing range established by the manufacturer shall be replaced with new material.”

Revise Article 1021.03 of the Standard Specifications to read:

“**1021.03 Retarding and Water-Reducing Admixtures.** The admixture shall be according to the following.

- (a) Retarding admixtures shall be according to AASHTO M 194, Type B (retarding) or Type D (water-reducing and retarding).
- (b) Water-reducing admixtures shall be according to AASHTO M 194, Type A.
- (c) High range water-reducing admixtures shall be according to AASHTO M 194, Type F (high range water-reducing) or Type G (high range water-reducing and retarding).”

Revise Article 1021.05 of the Standard Specifications to read:

“**1021.05 Self-Consolidating Admixtures.** Self-consolidating admixture systems shall consist of either a high range water-reducing admixture only or a high range water-reducing admixture combined with a separate viscosity modifying admixture. The one or two component admixture system shall be capable of producing a concrete that can flow around reinforcement and consolidate under its own weight without additional effort and without segregation.

High range water-reducing admixtures shall be according to AASHTO M 194, Type F.

Viscosity modifying admixtures shall be according to AASHTO M 194, Type S (specific performance).”

Revise Article 1021.06 of the Standard Specifications to read:

“1021.06 Rheology-Controlling Admixture. Rheology-controlling admixtures shall be capable of producing a concrete mixture with a lower yield stress that will consolidate easier for slipform applications used by the Contractor. Rheology-controlling admixtures shall be according to AASHTO M 194, Type S (specific performance).”

Revise Article 1021.07 of the Standard Specifications to read:

“1021.07 Corrosion Inhibitor. The corrosion inhibitor shall be according to one of the following.

- (a) Calcium Nitrite. Corrosion inhibitors shall contain a minimum 30 percent calcium nitrite by weight (mass) of solution and shall comply with either the requirements of AASHTO M 194, Type C (accelerating) or the requirements of ASTM C 1582. The corrosion inhibiting performance requirements of ASTM C 1582 shall not apply.
- (b) Other Materials. The corrosion inhibitor shall be according to ASTM C 1582.

For submittals requiring testing according to ASTM M 194, Type C (accelerating), the admixture shall meet the requirements of the AASHTO Product Eval and Audit CADD testing program according to Article 1021.01.

For submittals requiring testing according to ASTM C 1582, a report prepared by an independent laboratory accredited by AASHTO re:source for portland cement concrete shall be provided. The report shall show the results of physical tests conducted no more than five years prior to the time of submittal, according to applicable specifications. However, ASTM G 109 test information specified in ASTM C 1582 is not required to be from an independent accredited lab. All other information in ASTM C 1582 shall be from an independent accredited lab. Test data and other information required to be submitted to AASHTO Product Eval and Audit according to Article 1021.01, shall instead be submitted directly to the Department.”

Add Article 1021.08 of the Standard Specifications as follows:

“1021.08 Other Specific Performance Admixtures. Other specific performance admixtures shall, at a minimum, be according to AASHTO M 194, Type S (specific performance). The Department also reserves the right to require other testing, as determined by the Engineer, to show evidence of specific performance characteristics.

Initial testing according to AASHTO M 194 may be conducted under the AASHTO Product Eval and Audit CADD testing program according to Article 1021.01, or by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete. In either case, test data and other information required to be submitted to AASHTO Product Eval and Audit according to Article 1021.01, shall also be submitted directly to the Department. The independent accredited lab report shall show the results of physical tests conducted no more than five years prior to the time of submittal, according to applicable specifications.”

Revise Article 1024.01 of the Standard Specifications to read:

“1024.01 Requirements for Grout. The grout shall be proportioned by dry volume, thoroughly mixed, and shall have a minimum temperature of 50 °F (10 °C). Water shall not exceed the minimum needed for placement and finishing.

Materials for the grout shall be according to the following.

Item	Article/Section
(a) Cement	1001
(b) Water	1002
(c) Fine Aggregate	1003.02
(d) Fly Ash	1010
(e) Ground Granulated Blast Furnace (GGBF) Slag.....	1010
(f) Concrete Admixtures	1021”

Revise Note 1 of Article 1024.02 of the Standard Specifications to read:

“Note 1. Nonshrink grout shall be according to Illinois Modified ASTM C 1107.

The nonshrink grout shall have a water-soluble chloride ion content of less than 0.40 lb/cu yd (0.24 kg/cu m). The test shall be performed according to ASTM C 1218, and the grout shall have an age of 28 to 42 days at the time of test. The ASTM C 1218 test shall be performed by an independent lab a minimum of once every five years, and the test results shall be provided to the Department. Mixing of the nonshrink grout shall be according to the manufacturer’s specifications. The Department will maintain a qualified product list.”

Revise Article 1029.02 of the Standard Specifications to read:

“1029.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Cement.....	1001
(b) Fly Ash	1010
(c) Ground Granulated Blast Furnace (GGBF) Slag	1010
(d) Water.....	1002
(e) Fine Aggregate.....	1003
(f) Concrete Admixtures	1021
(g) Foaming Agent (Note 1)	

Note 1. The manufacturer shall submit infrared spectrophotometer trace and test results indicating the foaming agent meets the requirements of ASTM C 869 in order to be on the Department’s qualified product list. Submitted data/results shall not be more than five years old.”

Revise the second paragraph of Article 1103.03(a)(4) the Standard Specifications to read:

“The dispenser system shall provide a visual indication that the liquid admixture is actually entering the batch, such as via a transparent or translucent section of tubing or by independent check with an integrated secondary metering device. If approved by the Engineer, an alternate indicator may be used for admixtures dosed at rates of 25 oz/cwt (1630 mL/100 kg) or greater, such as accelerating admixtures, corrosion inhibitors, and viscosity modifying admixtures.”

Revise the first two sections of Check Sheet #11 of the Supplemental Specifications and Recurring Special Provisions to read:

“Description. This work shall consist of filling voids beneath rigid and composite pavements with cement grout.

Materials. Materials shall be according to the following Articles of Division 1000 - Materials of the Standard Specifications:

Item	Article/Section
(a) Cement	1001
(b) Water	1002
(c) Fly Ash	1010
(d) Ground Granulated Blast Furnace (GGBF) Slag.....	1010
(e) Admixtures	1021
(f) Packaged Rapid Hardening Mortar or Concrete	1018”

Revise the third paragraph of Materials Note 2 of Check Sheet #28 of the Supplemental Specifications and Recurring Special Provisions to read:

“The Department will maintain a qualified product list of synthetic fibers, which will include the minimum required dosage rate. For the minimum required fiber dosage rate based on the Illinois Modified ASTM C 1609 test, a report prepared by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete shall be provided. The report shall show results of tests conducted no more than five years prior to the time of submittal.”

80460

COMPENSABLE DELAY COSTS (BDE)

Effective: June 2, 2017

Revised: April 1, 2019

Revise Article 107.40(b) of the Standard Specifications to read:

“(b) Compensation. Compensation will not be allowed for delays, inconveniences, or damages sustained by the Contractor from conflicts with facilities not meeting the above definition; or if a conflict with a utility in an unanticipated location does not cause a shutdown of the work or a documentable reduction in the rate of progress exceeding the limits set herein. The provisions of Article 104.03 notwithstanding, compensation for delays caused by a utility in an unanticipated location will be paid according to the provisions of this Article governing minor and major delays or reduced rate of production which are defined as follows.

- (1) Minor Delay. A minor delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two hours, but not to exceed two weeks.
- (2) Major Delay. A major delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two weeks.
- (3) Reduced Rate of Production Delay. A reduced rate of production delay occurs when the rate of production on the work in conflict with the utility in an unanticipated location decreases by more than 25 percent and lasts longer than seven calendar days.”

Revise Article 107.40(c) of the Standard Specifications to read:

“(c) Payment. Payment for Minor, Major, and Reduced Rate of Production Delays will be made as follows.

- (1) Minor Delay. Labor idled which cannot be used on other work will be paid for according to Article 109.04(b)(1) and (2) for the time between start of the delay and the minimum remaining hours in the work shift required by the prevailing practice in the area.

Equipment idled which cannot be used on other work, and which is authorized to standby on the project site by the Engineer, will be paid for according to Article 109.04(b)(4).

- (2) Major Delay. Labor will be the same as for a minor delay.

Equipment will be the same as for a minor delay, except Contractor-owned equipment will be limited to two weeks plus the cost of move-out to either the

Contractor's yard or another job and the cost to re-mobilize, whichever is less. Rental equipment may be paid for longer than two weeks provided the Contractor presents adequate support to the Department (including lease agreement) to show retaining equipment on the job is the most economical course to follow and in the public interest.

- (3) Reduced Rate of Production Delay. The Contractor will be compensated for the reduced productivity for labor and equipment time in excess of the 25 percent threshold for that portion of the delay in excess of seven calendar days. Determination of compensation will be in accordance with Article 104.02, except labor and material additives will not be permitted.

Payment for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be determined according to Article 109.13."

Revise Article 108.04(b) of the Standard Specifications to read:

"(b) No working day will be charged under the following conditions.

- (1) When adverse weather prevents work on the controlling item.
- (2) When job conditions due to recent weather prevent work on the controlling item.
- (3) When conduct or lack of conduct by the Department or its consultants, representatives, officers, agents, or employees; delay by the Department in making the site available; or delay in furnishing any items required to be furnished to the Contractor by the Department prevents work on the controlling item.
- (4) When delays caused by utility or railroad adjustments prevent work on the controlling item.
- (5) When strikes, lock-outs, extraordinary delays in transportation, or inability to procure critical materials prevent work on the controlling item, as long as these delays are not due to any fault of the Contractor.
- (6) When any condition over which the Contractor has no control prevents work on the controlling item."

Revise Article 109.09(f) of the Standard Specifications to read:

"(f) Basis of Payment. After resolution of a claim in favor of the Contractor, any adjustment in time required for the work will be made according to Section 108. Any adjustment in the costs to be paid will be made for direct labor, direct materials, direct equipment, direct jobsite overhead, direct offsite overhead, and other direct costs allowed by the resolution. Adjustments in costs will not be made for interest charges, loss of anticipated profit, undocumented loss of efficiency, home office overhead and unabsorbed overhead

other than as allowed by Article 109.13, lost opportunity, preparation of claim expenses and other consequential indirect costs regardless of method of calculation.

The above Basis of Payment is an essential element of the contract and the claim cost recovery of the Contractor shall be so limited.”

Add the following to Section 109 of the Standard Specifications.

“109.13 Payment for Contract Delay. Compensation for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be allowed when such costs result from a delay meeting the criteria in the following table.

Contract Type	Cause of Delay	Length of Delay
Working Days	Article 108.04(b)(3) or Article 108.04(b)(4)	No working days have been charged for two consecutive weeks.
Completion Date	Article 108.08(b)(1) or Article 108.08(b)(7)	The Contractor has been granted a minimum two week extension of contract time, according to Article 108.08.

Payment for each of the various costs will be according to the following.

- (a) Escalated Material and/or Labor Costs. When the delay causes work, which would have otherwise been completed, to be done after material and/or labor costs have increased, such increases will be paid. Payment for escalated material costs will be limited to the increased costs substantiated by documentation furnished by the Contractor. Payment for escalated labor costs will be limited to those items in Article 109.04(b)(1) and (2), except the 35 percent and 10 percent additives will not be permitted.
- (b) Extended Project Overhead. For the duration of the delay, payment for extended project overhead will be paid as follows.
 - (1) Direct Jobsite and Offsite Overhead. Payment for documented direct jobsite overhead and documented direct offsite overhead, including onsite supervisory and administrative personnel, will be allowed according to the following table.

Original Contract Amount	Supervisory and Administrative Personnel
Up to \$5,000,000	One Project Superintendent
Over \$ 5,000,000 - up to \$25,000,000	One Project Manager, One Project Superintendent or Engineer, and One Clerk
Over \$25,000,000 - up to \$50,000,000	One Project Manager, One Project Superintendent, One Engineer, and

	One Clerk
Over \$50,000,000	One Project Manager, Two Project Superintendents, One Engineer, and One Clerk

(2) Home Office and Unabsorbed Overhead. Payment for home office and unabsorbed overhead will be calculated as 8 percent of the total delay cost.

(c) Extended Traffic Control. Traffic control required for an extended period of time due to the delay will be paid for according to Article 109.04.

When an extended traffic control adjustment is paid under this provision, an adjusted unit price as provided for in Article 701.20(a) for increase or decrease in the value of work by more than ten percent will not be paid.

Upon payment for a contract delay under this provision, the Contractor shall assign subrogation rights to the Department for the Department's efforts of recovery from any other party for monies paid by the Department as a result of any claim under this provision. The Contractor shall fully cooperate with the Department in its efforts to recover from another party any money paid to the Contractor for delay damages under this provision."

80384

CONSTRUCTION AIR QUALITY – DIESEL RETROFIT (BDE)

Effective: June 1, 2010

Revised: January 1, 2025

The reduction of emissions of particulate matter (PM) for off-road equipment shall be accomplished by installing retrofit emission control devices. The term “equipment” refers to diesel fuel powered devices rated at 50 hp and above, to be used on the jobsite in excess of seven calendar days over the course of the construction period on the jobsite (including rental equipment).

Contractor and subcontractor diesel powered off-road equipment assigned to the contract shall be retrofitted according to the table below.

Horsepower Range	Model Year and Older
50-99	2003
100-299	2002
300-599	2000
600-749	2001
750 and up	2005

The retrofit emission control devices shall achieve a minimum PM emission reduction of 50 percent and shall be:

- a) Included on the U.S. Environmental Protection Agency (USEPA) *Verified Retrofit Technology List* (<https://www.epa.gov/verified-diesel-tech/verified-technologies-list-clean-diesel>), or verified by the California Air Resources Board (CARB) (<http://www.arb.ca.gov/diesel/verdev/vt/cvt.htm>); or
- b) Retrofitted with a non-verified diesel retrofit emission control device if verified retrofit emission control devices are not available for equipment proposed to be used on the project, and if the Contractor has obtained a performance certification from the retrofit device manufacturer that the emission control device provides a minimum PM emission reduction of 50 percent.

Note: Large cranes (Crawler mounted cranes) which are responsible for critical lift operations are exempt from installing retrofit emission control devices if such devices adversely affect equipment operation.

Diesel powered off-road equipment with engine ratings of 50 hp and above, which are unable to be retrofitted with verified emission control devices or if performance certifications are not available which will achieve a minimum 50 percent PM reduction, may be granted a waiver by the Department if documentation is provided showing good faith efforts were made by the Contractor to retrofit the equipment.

Construction shall not proceed until the Contractor submits a certified list of the diesel powered off-road equipment that will be used, and as necessary, retrofitted with emission control devices. The list(s) shall include (1) the equipment number, type, make, Contractor/rental company name; and (2) the emission control devices make, model, USEPA or CARB verification number, or performance certification from the retrofit device manufacturer. Equipment reported as fitted with emissions control devices shall be made available to the Engineer for visual inspection of the device installation, prior to being used on the jobsite.

The Contractor shall submit an updated list of retrofitted off-road construction equipment as retrofitted equipment changes or comes on to the jobsite. The addition or deletion of any diesel powered equipment shall be included on the updated list.

If any diesel powered off-road equipment is found to be in non-compliance with any portion of this special provision, the Engineer will issue the Contractor a diesel retrofit deficiency deduction.

Any costs associated with retrofitting any diesel powered off-road equipment with emission control devices shall be considered as included in the contract unit prices bid for the various items of work involved and no additional compensation will be allowed. The Contractor's compliance with this notice and any associated regulations shall not be grounds for a claim.

Diesel Retrofit Deficiency Deduction

When the Engineer determines that a diesel retrofit deficiency exists, a daily monetary deduction will be imposed for each calendar day or fraction thereof the deficiency continues to exist. The calendar day(s) will begin when the time period for correction is exceeded and end with the Engineer's written acceptance of the correction. The daily monetary deduction will be \$1,000.00 for each deficiency identified.

The deficiency will be based on lack of diesel retrofit emissions control.

If a Contractor accumulates three diesel retrofit deficiency deductions for the same piece of equipment in a contract period, the Contractor will be shutdown until the deficiency is corrected. Such a shutdown will not be grounds for any extension of the contract time, waiver of penalties, or be grounds for any claim.

80261

REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (BDE)

Effective: January 1, 2024

Revised: April 1, 2024

Revise the first paragraph of Article 669.04 of the Standard Specifications to read:

“669.04 Regulated Substances Monitoring. Regulated substances monitoring includes environmental observation and field screening during regulated substances management activities. The excavated soil and groundwater within the work areas shall be managed as either uncontaminated soil, hazardous waste, special waste, or non-special waste.

As part of the regulated substances monitoring, the monitoring personnel shall perform and document the applicable duties listed on form BDE 2732 “Regulated Substances Monitoring Daily Record (RSM DR)”.”

Revise the first two sentences of the nineteenth paragraph of Article 669.05 of the Standard Specifications to read:

“The Contractor shall coordinate waste disposal approvals with the disposal facility and provide the specific analytical testing requirements of that facility. The Contractor shall make all arrangements for collection, transportation, and analysis of landfill acceptance testing.”

Revise the last paragraph of Article 669.05 of the Standard Specifications to read:

“The Contractor shall select a permitted landfill facility or CCDD/USFO facility meeting the requirements of 35 Ill. Admin. Code Parts 810-814 or Part 1100, respectively. The Department will review and approve or reject the facility proposed by the Contractor based upon information provided in BDE 2730. The Contractor shall verify whether the selected facility is compliant with those applicable standards as mandated by their permit and whether the facility is presently, has previously been, or has never been, on the United States Environmental Protection Agency (U.S. EPA) National Priorities List or the Resource Conservation and Recovery Act (RCRA) List of Violating Facilities. The use of a Contractor selected facility shall in no manner delay the construction schedule or alter the Contractor's responsibilities as set forth.”

Revise the first paragraph of Article 669.07 of the Standard Specifications to read:

“669.07 Temporary Staging. Soil classified according to Articles 669.05(a)(2), (b)(1), or (c) may be temporarily staged at the Contractor's option. All other soil classified according to Articles 669.05(a)(1), (a)(3), (a)(4), (a)(5), (a)(6), or (b)(2) shall be managed and disposed of without temporary staging to the greatest extent practicable. If circumstances beyond the Contractor's control require temporary staging of these latter materials, the Contractor shall request approval from the Engineer in writing.

Topsoil for re-use as final cover which has been field screened and found not to exhibit PID readings over daily background readings as documented on the BDE 2732, visual staining or

odors, and is classified according to Articles 669.05(a)(2), (a)(3), (a)(4), (b)(1), or (c) may be temporarily staged at the Contractor's option."

Add the following paragraph after the sixth paragraph of Article 669.11 of the Standard Specifications.

"The sampling and testing of effluent water derived from dewatering discharges for priority pollutants volatile organic compounds (VOCs), priority pollutants semi-volatile organic compounds (SVOCs), or priority pollutants metals, will be paid for at the contract unit price per each for VOCS GROUNDWATER ANALYSIS using EPA Method 8260B, SVOCS GROUNDWATER ANALYSIS using EPA Method 8270C, or RCRA METALS GROUNDWATER ANALYSIS using EPA Methods 6010B and 7471A. This price shall include transporting the sample from the job site to the laboratory."

Revise the first sentence of the eight paragraph of Article 669.11 of the Standard Specifications to read:

"Payment for temporary staging of soil classified according to Articles 669.05(a)(1), (a)(3), (a)(4), (a)(5), (a)(6), or (b)(2) to be managed and disposed of, if required and approved by the Engineer, will be paid according to Article 109.04."

80455

WORK ZONE TRAFFIC CONTROL DEVICES (BDE)

Effective: March 2, 2020

Revised: January 1, 2025

Add the following to Article 701.03 of the Standard Specifications:

“(q) Temporary Sign Supports 1106.02”

Revise the third paragraph of Article 701.14 of the Standard Specifications to read:

“For temporary sign supports, the Contractor shall provide a FHWA eligibility letter for each device used on the contract. The letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device. The signs shall be supported within 20 degrees of vertical. Weights used to stabilize signs shall be attached to the sign support per the manufacturer’s specifications.”

Revise the first paragraph of Article 701.15 of the Standard Specifications to read:

“**701.15 Traffic Control Devices.** For devices that must meet crashworthiness standards, the Contractor shall provide a manufacturer’s self-certification or a FHWA eligibility letter for each Category 1 device and a FHWA eligibility letter for each Category 2 and Category 3 device used on the contract. The self-certification or letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device.”

Revise the first six paragraphs of Article 1106.02 of the Standard Specifications to read:

“**1106.02 Devices.** Work zone traffic control devices and combinations of devices shall meet crashworthiness standards for their respective categories. The categories are as follows.

Category 1 includes small, lightweight, channelizing and delineating devices that have been in common use for many years and are known to be crashworthy by crash testing of similar devices or years of demonstrable safe performance. These include cones, tubular markers, plastic drums, and delineators, with no attachments (e.g. lights). Category 1 devices shall be MASH compliant.

Category 2 includes devices that are not expected to produce significant vehicular velocity change but may otherwise be hazardous. These include vertical panels with lights, barricades, temporary sign supports, and Category 1 devices with attachments (e.g. drums with lights). Category 2 devices shall be MASH compliant.

Category 3 includes devices that are expected to cause significant velocity changes or other potentially harmful reactions to impacting vehicles. These include crash cushions (impact attenuators), truck mounted attenuators, and other devices not meeting the definitions of Category 1 or 2. Category 3 devices manufactured after December 31, 2019 shall be MASH compliant. Category 3 devices manufactured on or before December 31, 2019, and compliant

with NCHRP 350, may be used on contracts let before December 31, 2029. Category 3 devices shall be crash tested for Test Level 3 or the test level specified.

Category 4 includes portable or trailer-mounted devices such as sign supports, speed feedback displays, arrow boards, changeable message signs, temporary traffic signals, and area lighting supports. It is preferable for Category 4 devices manufactured after December 31, 2019 to be MASH-16 compliant; however, there are currently no crash tested devices in this category, so it remains exempt from the NCHRP 350 or MASH compliance requirement.

For each type of device, when no more than one MASH compliant is available, an NCHRP 350 compliant device may be used, even if manufactured after December 31, 2019.”

Revise Articles 1106.02(g), 1106.02(k), and 1106.02(l) to read:

“(g) Truck Mounted/Trailer Mounted Attenuators. The attenuator shall be approved for use at Test Level 3. Test Level 2 may be used for normal posted speeds less than or equal to 45 mph.

(k) Temporary Water Filled Barrier. The water filled barrier shall be a lightweight plastic shell designed to accept water ballast and be on the Department’s qualified product list.

Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings.

(l) Movable Traffic Barrier. The movable traffic barrier shall be on the Department’s qualified product list.


Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings. The barrier shall be capable of being moved on and off the roadway on a daily basis.”

80427



Illinois Department of Transportation

Memorandum

To: Regional Engineers
From: Jack A. Elston 
Subject: Special Provision for Erosion Control Blanket
Date: April 18, 2025

This special provision was developed by the Bureau of Design and Environment (BDE), in conjunction with ICT Research Project R27-229, to eliminate plastic netting from all erosion control blankets, remove heavy duty blankets, and add a wildlife safe option when there is a threatened or endangered species in the project area.

This special provision should be inserted into contracts containing any erosion control blanket (temporary, permanent, or wildlife friendly).

Designer Note: Designers should use the wildlife friendly erosion control blanket pay item(s) if there is a commitment to do so in the Phase I Natural Resource Review (NRR) Memorandum.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the August 1, 2025 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

80467m

EROSION CONTROL BLANKET (BDE)

Effective: August 1, 2025

Revise Article 251.02 of the Standard Specifications to read:

“251.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Compost	1081.05(b)
(b) Mulch	1081.06(a)
(c) Chemical Mulch Binder	1081.06(a)(3)
(d) Chemical Compost Binder	1081.06(a)(4)
(e) Erosion Control Blanket	1081.10(a)
(f) Wildlife Friendly Erosion Control Blanket	1081.10(b)
(g) Wire Staples.....	1081.10(c)
(h) Wood Stakes	1081.10(d)
(i) Turf Reinforcement Mat	1081.10(e)”

Revise the first and second sentences of Article 251.04 of the Standard Specifications to read:

“251.04 Erosion Control Blanket. All erosion control blanket materials shall be placed on the areas specified within 24 hours of seed placement.”

Revise the second paragraph of Article 251.04 of the Standard Specifications to read:

“After the area has been properly shaped, fertilized (when applicable), and seeded, the blanket shall be laid out flat, evenly, and smoothly, without stretching the material. The erosion control blanket shall be placed according to the manufacture’s recommendations.”

Revise the second sentence of Article 251.06(b) of the Standard Specifications to read:

“Erosion control blanket, wildlife friendly erosion control blanket, and turf reinforcement mat will be measured for payment in square yards (square meters).”

Revise Article 251.07 of the Standard Specifications to read:

“251.07 Basis of Payment. This work will be paid for at the contract unit price per acre (hectare) for MULCH, of the method specified; and at the contract unit price per square yard (square meter) for EROSION CONTROL BLANKET, WILDLIFE FRIENDLY EROSION CONTROL BLANKET, or TURF REINFORCEMENT MAT.”

Revise first sentence of Article 280.04(h) of the Standard Specifications to read:

“This system consists of temporarily installing erosion control blanket or wildlife friendly erosion control blanket over areas that are to be reworked during a later construction phase.”

Revise Article 280.08(g) of the Standard Specifications to read:

“(g) Temporary Erosion Control Blanket. Temporary erosion control blanket will be paid for at the contract unit price per square yard (square meter) for TEMPORARY EROSION CONTROL BLANKET or TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET.

The work of removing, storing, and reinstalling the blanket over areas to be reworked more than once will not be paid for separately but shall be included in the cost of the temporary erosion control blanket or temporary wildlife friendly erosion control blanket.”

Revise Article 1081.10 of the Standard Specifications to read:

“**1081.10 Erosion Control Blankets.** The manufacturer shall furnish a certificate with each shipment stating the amount of product furnished and that the material complies with these requirements.

(a) Erosion Control Blanket. Erosion control blanket shall be covered on top and bottom, also known as double net, with a 100 percent biodegradable woven, natural fiber or jute net meeting the following.

Material	Minimum Value
Excelsior	80%
Straw	100%
Coconut or Coir	100% Coconut or Coir
Straw/Coconut or Coir	70% Straw / 30% Coconut or Coir

(b) Wildlife Friendly Erosion Control Blanket. Wildlife friendly erosion control blanket shall be according to Article 1081.10(a) except the netting shall be loose weave, also known as leno weave or gauze weave, with a moveable joint.

(c) Wire Staples. Staples shall be made from No. 11 gauge or heavier uncoated black carbon steel wire, a minimum of 1 in. (25 mm) wide at the top and a minimum overall length of 8 in. (200 mm).

(d) Wood Stakes. Hardwood blanket anchors shall be nominally 7 in. (180 mm) long from neck of hook to tip of anchor. The anchor shall have a minimum 1/2 in. (13 mm) curving hook to hold the blanket in place.

(e) Turf Reinforcement Mat (TRM). The TRM shall be comprised of non-degradable, ultraviolet stabilized synthetic fibers, filaments, netting, and/or wire mesh processed into

a three-dimensional reinforced mat. The mats may include degradable material to assist with vegetation establishment. Soil filled mats will not be allowed.

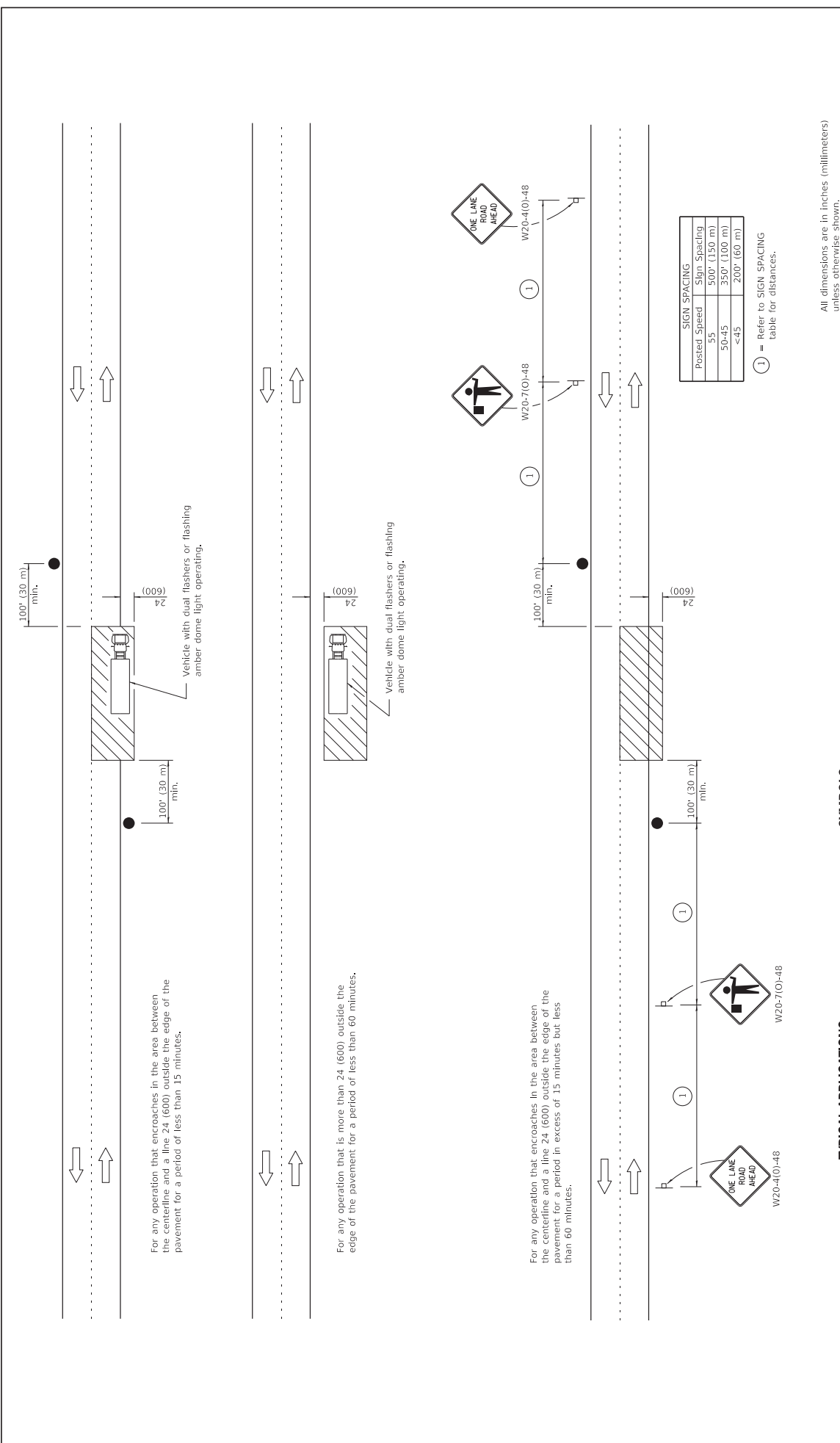
The TRM shall meet the following physical and performance properties:

Property	Value	Test Method
Tensile Strength, lb/ft (kN/m)	150 (2.19) min.	ASTM D 6818
UV Stability, (% Tensile Retained)	80 min.	ASTM D 4355 (1000 Hour Exposure)
Resiliency, (% Thickness Retained)	80 min.	ASTM D 6524
Allowable Shear Stress, lb/sq ft (Pa) ^{1/}	8 (384)	ECTC approved test method and independent laboratory

1/ Minimum shear stress the TRM (fully vegetated) can sustain without physical damage or excess erosion (> 1/2 in. (13 mm) soil loss) during a 30 minute flow event in large scale testing.

For TRMs containing degradable components, all property values shall be obtained on the non-degradable portion of the matting alone.”

80467



SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

① = Refer to SIGN SPACING table for distances.

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

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to English (metric).

TYPICAL APPLICATIONS

- Marking patches
- Field survey
- String line
- Utility operations
- Cleaning up debris on pavement

SYMBOLS

- Work area
- Sign on portable or permanent support
- Flagger with traffic control sign

LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS

STANDARD 701301-04

ISSUED 1-1-07

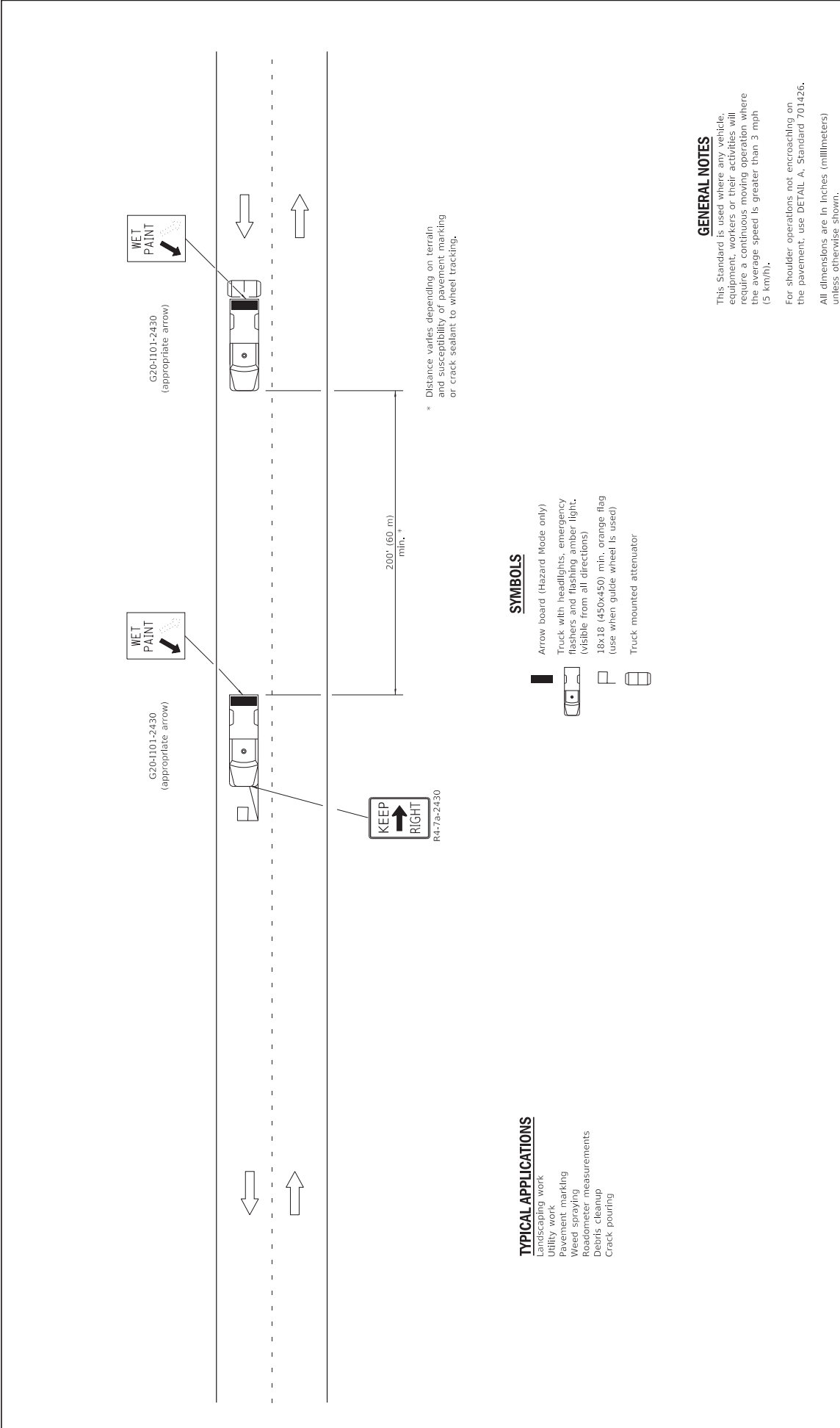
Illinois Department of Transportation

PASSED January 1, 2011

APPROVED January 1, 2011

ENGINEER OF SAFETY ENGINEERING

ENGINEER OF DESIGN AND ENVIRONMENT



WET PAINT
↓

G20-1101-2430
(appropriate arrow)

WET PAINT
↓

G20-1101-2430
(appropriate arrow)

KEEP RIGHT
↑
R4-7a-2430

200' (60 m)
min.*

* Distance varies depending on terrain and susceptibility of pavement marking or crack sealant to wheel tracking.

TYPICAL APPLICATIONS

- Landscape work
- Utility work
- Pavement marking
- Weed spraying
- Roadmeter measurements
- Debris cleanup
- Crack pouring

SYMBOLS

- Arrow board (Hazard Mode only)
- Truck with headlights, emergency flashers and flashing amber light, (visible from all directions)
- 18x18 (450x450) min., orange flag (use when guide wheel is used)
- Truck mounted attenuator

GENERAL NOTES

This Standard is used where any vehicle, equipment, workers or their activities will require a continuous moving operation where the average speed is greater than 3 mph (5 km/h).

For shoulder operations not encroaching on the pavement, use DETAIL A, Standard 701426. All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-09	Switched units to English (metric). Omitted Pass With Care sign.
1-1-00	Elim. speed restrictions in Standard title.

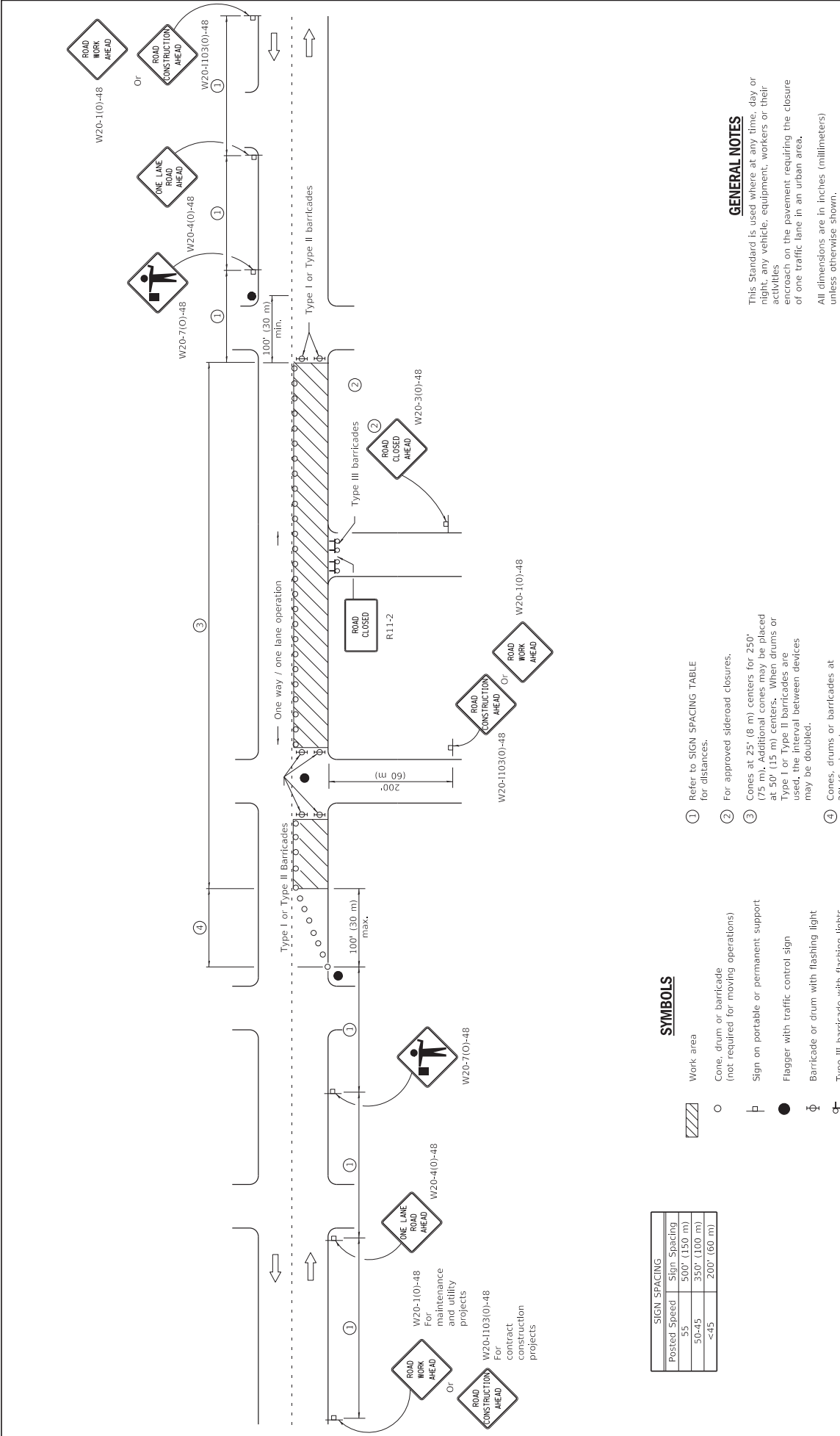
**LANE CLOSURE 2L, 2W
MOVING OPERATIONS-
DAY ONLY**

STANDARD 701311-03

Illinois Department of Transportation
ISSUED 1-1-07

PASSED January 1, 2009
[Signature]
ENGINEER OF OPERATIONS

APPROVED January 1, 2009
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT



SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

SYMBOLS

- Work area
- Cone, drum or barricade (not required for moving operations)
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights

- ① Refer to SIGN SPACING TABLE for distances.
- ② For approved sideroad closures.
- ③ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- ④ Cones, drums or barricades at 20' (6 m) centers.

GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an urban area.

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

URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED	
STANDARD 701501-06	
DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to English (metric).
	Corrected sign No. 5.

Illinois Department of Transportation

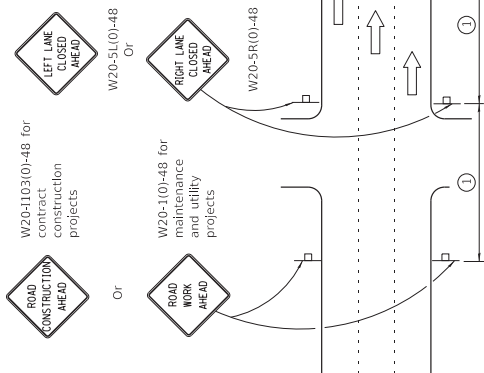
PASSED January 1, 2011

APPROVED January 1, 2011

ENGINEER OF SAFETY ENGINEERING

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07



SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

SYMBOLS

- ↑ Arrow board
- Cone, drum or barricade
- ⊥ Sign on portable or permanent support
- ▨ Work area
- ⊕ Barricade or drum with flashing light
- ⊕ Type III barricade with flashing lights
- Flagger with traffic control sign.

- 1 Refer to SIGN SPACING TABLE for distances.
- 2 Required for speeds > 40 MPH
- 3 Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- 4 Use flagger sign only when flagger is present.
- 5 For approved sideroad closures.
- 6 Cones, drums or barricades at 20' (6 m) in taper.

GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement during shoulder operations or where construction requires lane closures in urban areas.

Calculate L as follows:

SPEED LIMIT	English	FORMULAS (Metric)
	40 mph (70 km/h) or less:	$L = \frac{WS^2}{60}$ $L = 150$
45 mph (80 km/h) or greater:	$L = (W)(S)$ $L = 0.65(W)(S)$	

W = Width of offset
In feet (meters).
S = Normal posted speed
mph (km/h).

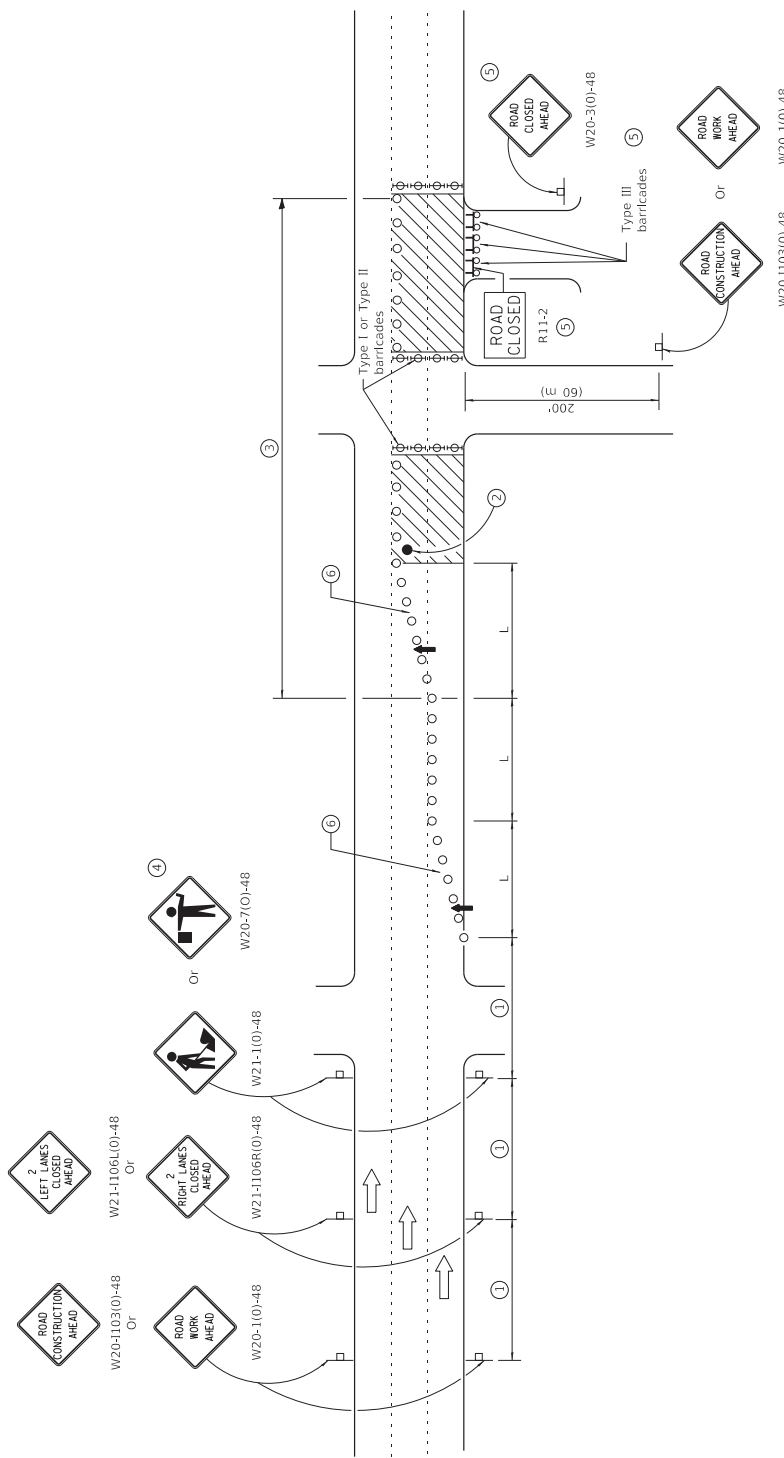
All dimensions are in inches (millimeters) unless otherwise shown.

URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN <small>(Sheet 1 of 2)</small>	
DATE	REVISIONS
1-1-14	Revised workers sign number to agree with current MUTCD.
1-1-13	Omitted text: 'WORKERS' sign.
STANDARD 701601-09	

Illinois Department of Transportation
ISSUED 1-1-07

PASSED January 2014
Amber J. L. [Signature]
 ENGINEER OF SAFETY ENGINEERING

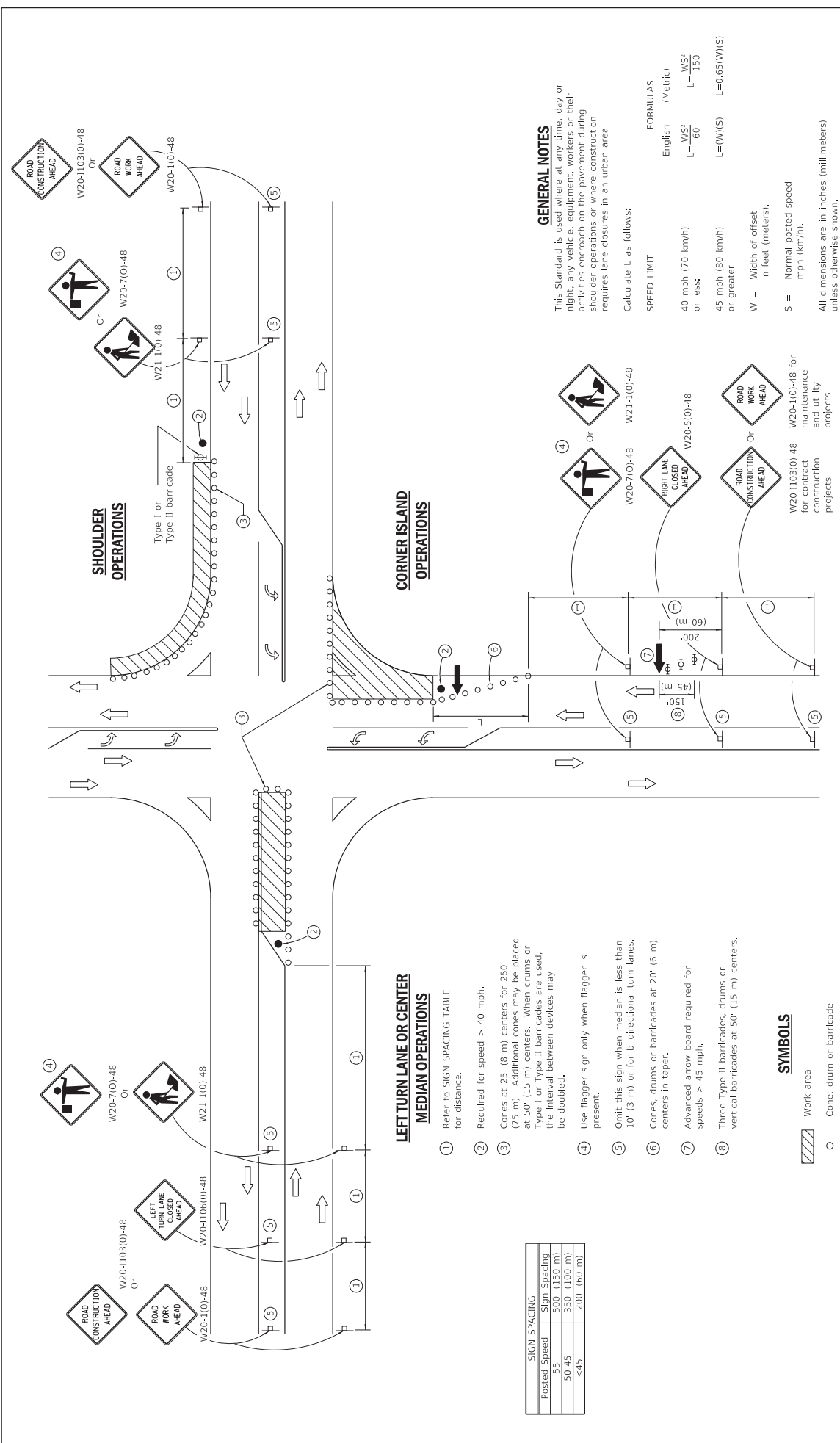
APPROVED January 2014
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT



**URBAN LANE CLOSURE,
MULTILANE, 1W OR 2W WITH
NONTRAVERSABLE MEDIAN**
(Sheet 2 of 2)

STANDARD 701601-09

Illinois Department of Transportation PASSED ENGINEER OF SAFETY ENGINEERING APPROVED ENGINEER OF DESIGN AND ENVIRONMENT	ISSUED 1-1-97
	2014 2014 2014



LEFT TURN LANE OR CENTER MEDIAN OPERATIONS

- 1 Refer to SIGN SPACING TABLE for distance.
- 2 Required for speed > 40 mph.
- 3 Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- 4 Use flagger sign only when flagger is present.
- 5 Omit this sign when median is less than 10' (3 m) or for bi-directional turn lanes.
- 6 Cones, drums or barricades at 20' (6 m) centers in taper.
- 7 Advanced arrow board required for speeds > 45 mph.
- 8 Three Type II barricades, drums or vertical barricades at 50' (15 m) centers.

SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

SYMBOLS

- Work area
- Cone, drum or barricade
- Sign on portable or permanent support
- Arrow board
- Barricade or drum with flashing light
- Flagger with traffic control sign

GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement during shoulder operations or where construction requires lane closures in an urban area.

Calculate L as follows:

SPEED LIMIT		FORMULAS	
		(Metric)	
English	L = WS ² / 60	English	L = WS ² / 150
Metric	L = (W)(S) / 0.65	Metric	L = (W)(S) / 0.65

W = Width of offset in feet (meters).

S = Normal posted speed in mph (km/h).

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

URBAN LANE CLOSURE, MULTILANE INTERSECTION	
DATE	REVISIONS
4-1-16	Corrected sign number for LEFT TURN LANE CLOSED AHEAD.
1-1-14	Added devices at arrow board upstream from taper.
	Rev. workers sign number.

STANDARD 701701-10

Illinois Department of Transportation

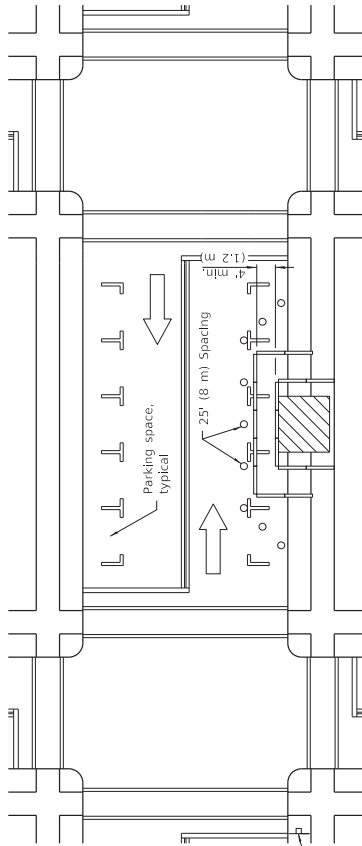
ISSUED 1-1-07

PASSED April 1, 2016

ENGINEER OF SAFETY ENGINEERING

APPROVED April 1, 2016

ENGINEER OF DESIGN AND ENVIRONMENT

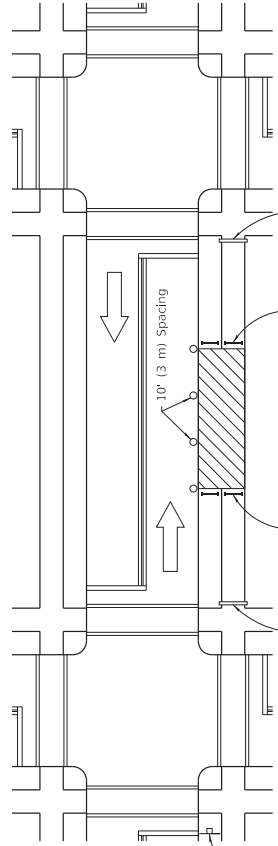


W20-1103(10)-48 for contract construction projects

Or

W20-1101-48 for maintenance and utility projects

SIDEWALK DIVERSION









W20-1103(10)-48 for contract construction projects

Or

W20-1101-48 for maintenance and utility projects

SIDEWALK CLOSURE

SYMBOLS

-  Work area
-  Sign on portable or permanent support
-  Barricade or drum
-  Cone, drum or barricade
-  Type III barricade
-  Detectable pedestrian channelizing barricade

① Omit whenever duplicated by road work traffic control.

GENERAL NOTES

This Standard is used where, at any time, pedestrian traffic must be rerouted due to work being performed.

This Standard must be used in conjunction with other Traffic Control & Protection Standards when roadway traffic is affected.

Temporary facilities shall be detectable and accessible.

The temporary pedestrian facilities shall be provided on the same side of the closed facilities whenever possible.

The SIDEWALK CLOSED / USE OTHER SIDE sign shall be placed at the nearest crosswalk or intersection to each end of the closure. Where the closure occurs at a corner, the signs shall be erected on the corner streets from the closure. The SIDEWALK CLOSED signs shall be used at the ends of the actual closures.

Type III barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701901.

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

DATE	REVISIONS
4-1-16	Omitted orange safety fence from standard as this is covered in the std. spec.
1-1-12	Added SIDEWALK DIVERSION. Modified appearance of plan views. Renamed Std.

SIDEWALK, CORNER OR CROSSWALK CLOSURE

STANDARD 701801-06

(Sheet 1 of 2)

Illinois Department of Transportation

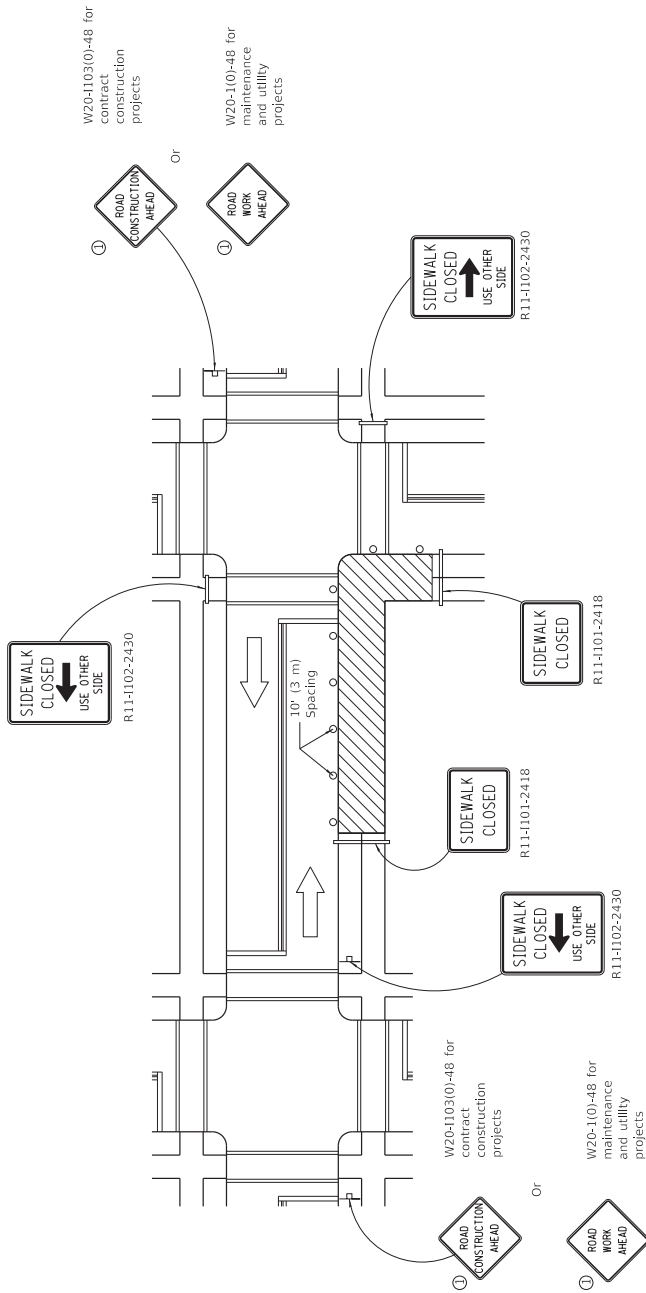
PASSED: April 1, 2016

APPROVED: [Signature] April 1, 2016

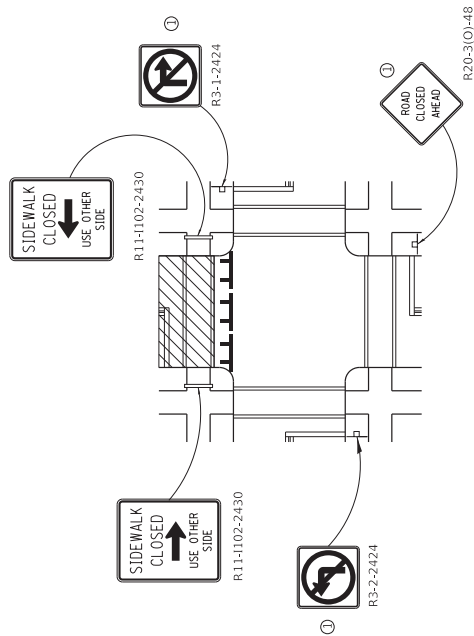
ENGINEER OF SAFETY ENGINEERING

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07



CORNER CLOSURE

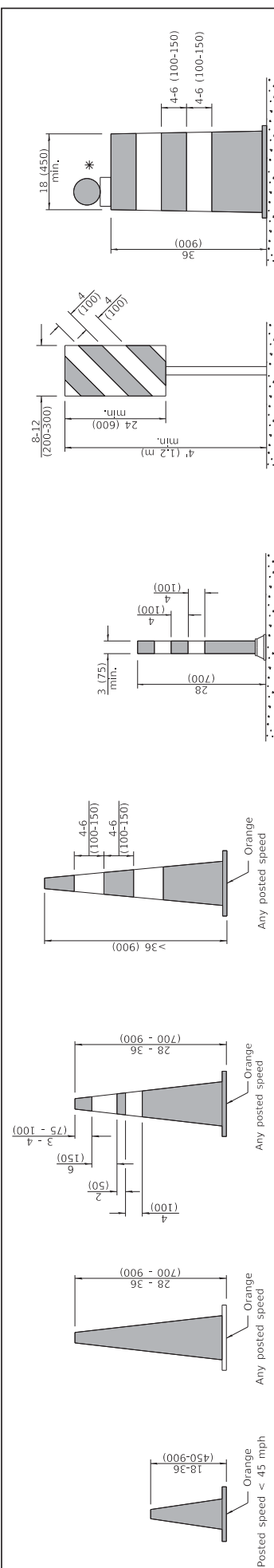


CROSSWALK CLOSURE

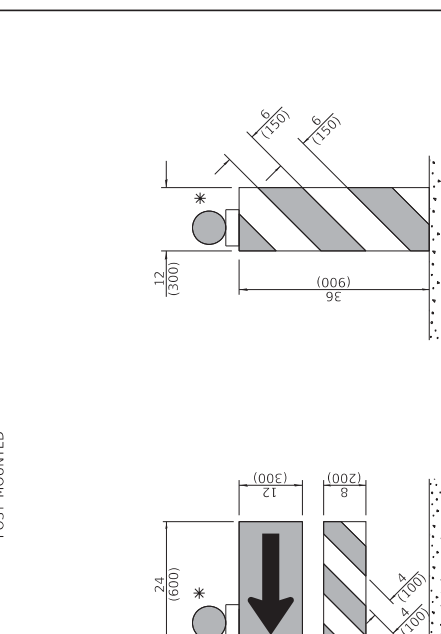
SIDEWALK, CORNER OR CROSSWALK CLOSURE
(Sheet 2 of 2)

STANDARD 701801-06

Illinois Department of Transportation PASSED APRIL 1, 2016 ENGINEER OF SAFETY ENGINEERING APPROVED APRIL 1, 2016 ENGINEER OF DESIGN AND ENVIRONMENT	ISSUED 1-1-07



CONES

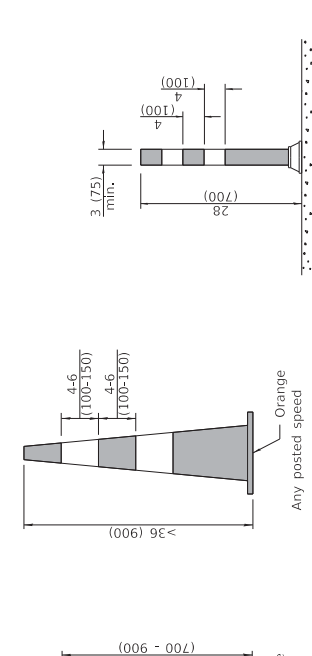


TUBULAR MARKER

DAY OR NIGHTTIME USE

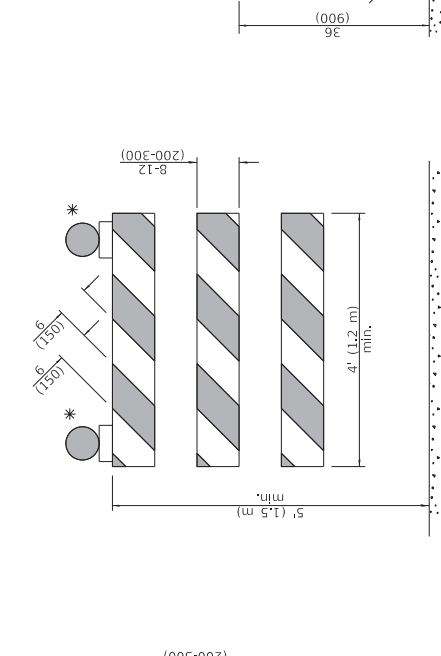
CONES

DAYTIME USE



DRUM

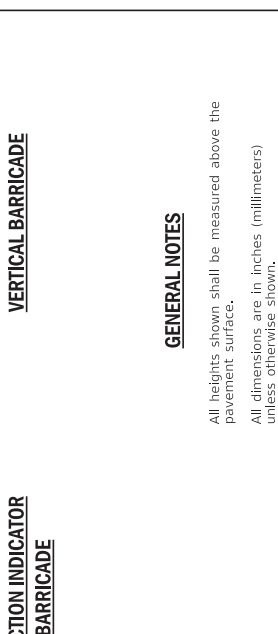
VERTICAL BARRICADE



TYPE I BARRICADE

TYPE II BARRICADE

TYPE III BARRICADE

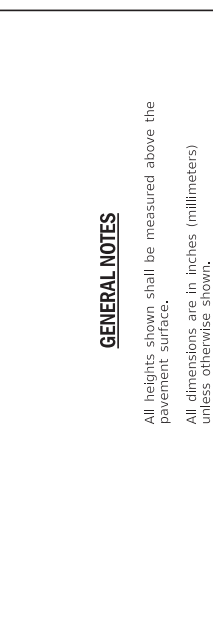


DIRECTION INDICATOR BARRICADE

VERTICAL BARRICADE

DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

GENERAL NOTES



GENERAL NOTES
 All heights shown shall be measured above the pavement surface.
 All dimensions are in inches (millimeters) unless otherwise shown.

* Warning lights (if required)

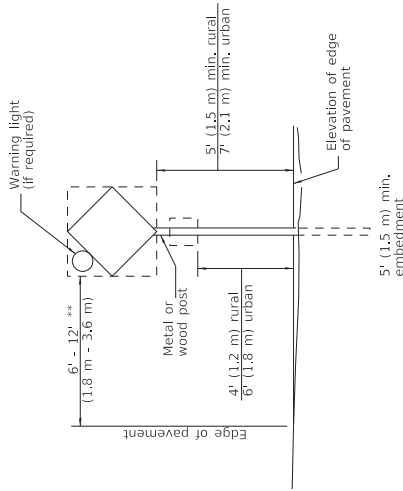
DATE	REVISIONS
1-1-19	Revised cone usage and added cones >36" (900 m) height.
1-1-18	Revised END WORK ZONE SPEED LIMIT sign from orange to white background.

TRAFFIC CONTROL DEVICES
 (Sheet 1 of 3)

STANDARD 701901-08

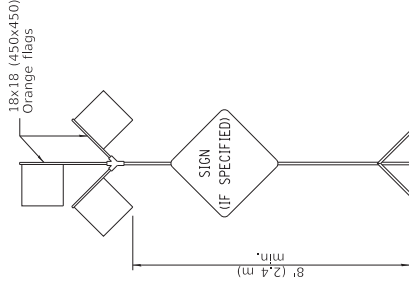
Illinois Department of Transportation
 APPROVED January 1, 2019
 [Signature] ENGINEER OF SAFETY PROC. AND ENGINEERING
 APPROVED January 1, 2019
 [Signature] ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13



POST MOUNTED SIGNS

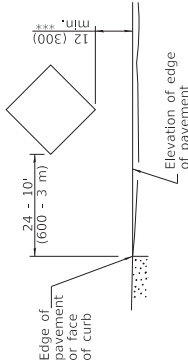
** When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.



HIGH LEVEL WARNING DEVICE

SIGNS ON TEMPORARY SUPPORTS

*** When work operations exceed four days, this dimension shall be 5' (1.5 m) to the top of the sign behind other devices; the height shall be sufficient to be seen completely above the devices.



ROAD CONSTRUCTION NEXT X MILES
G20-1104(0)-6036

END CONSTRUCTION
G20-1105(0)-6024

This signing is required for all projects 2 miles (3200 m) or more in length.

ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.

END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).

Dual sign displays shall be utilized on multi-lane highways.

WORK LIMIT SIGNING



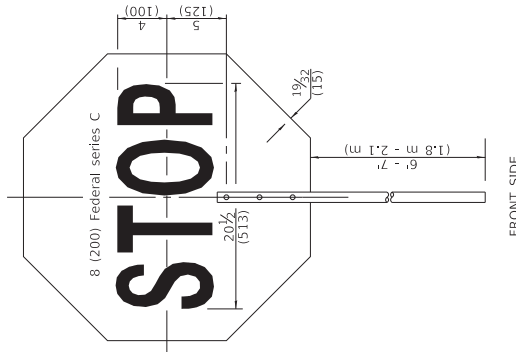
Sign assembly as shown on Standards or as allowed by District Operations.



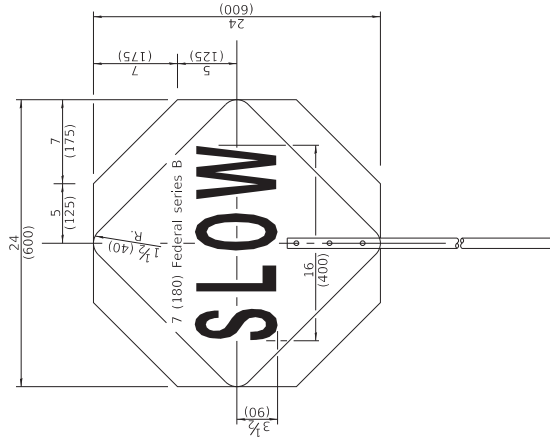
This sign shall be used when the above sign assembly is used.

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

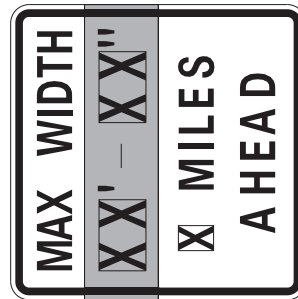
**** R10-1108p shall only be used along roadways under the jurisdiction of the State.



FRONT SIDE



REVERSE SIDE



W12-1103-4848

WIDTH RESTRICTION SIGN

XX-XX" width and X miles are variable.

Illinois Department of Transportation
 APPROVED January 1, 2019
 Cynthia C. [Signature]
 ENGINEER OF SAFETY PROC. AND ENGINEERING
 APPROVED January 1, 2019
 [Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

FLAGGER TRAFFIC CONTROL SIGN

FRONT SIDE

REVERSE SIDE

TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

STANDARD 701901-08



2026 Sidewalk Program Details

Page 1 of 12



2026 Sidewalk Program Details

Page 1 of 12

3/27/2026



Inspection ID	Full Address	Manhole	Number of Squares	Square Feet	Tree Root
8218	1925 DRIFTWOOD CT	No	5	100	No
8219	5010 ESSINGTON LN	No	7	140	No
8225	1060 PONDEROSA LN	No	4	80	No
8229	1121 Tamarack Dr W	No	7	140	No
8249	4563 SAPPHIRE DR N	No	8	160	No
8250	4446 SUNDANCE CIR	No	10	200	No
8251	5192 BARCROFT CT	No	12	240	No

2026 Sidewalk Program Details

Page 2 of 12

3/27/2026

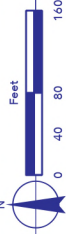
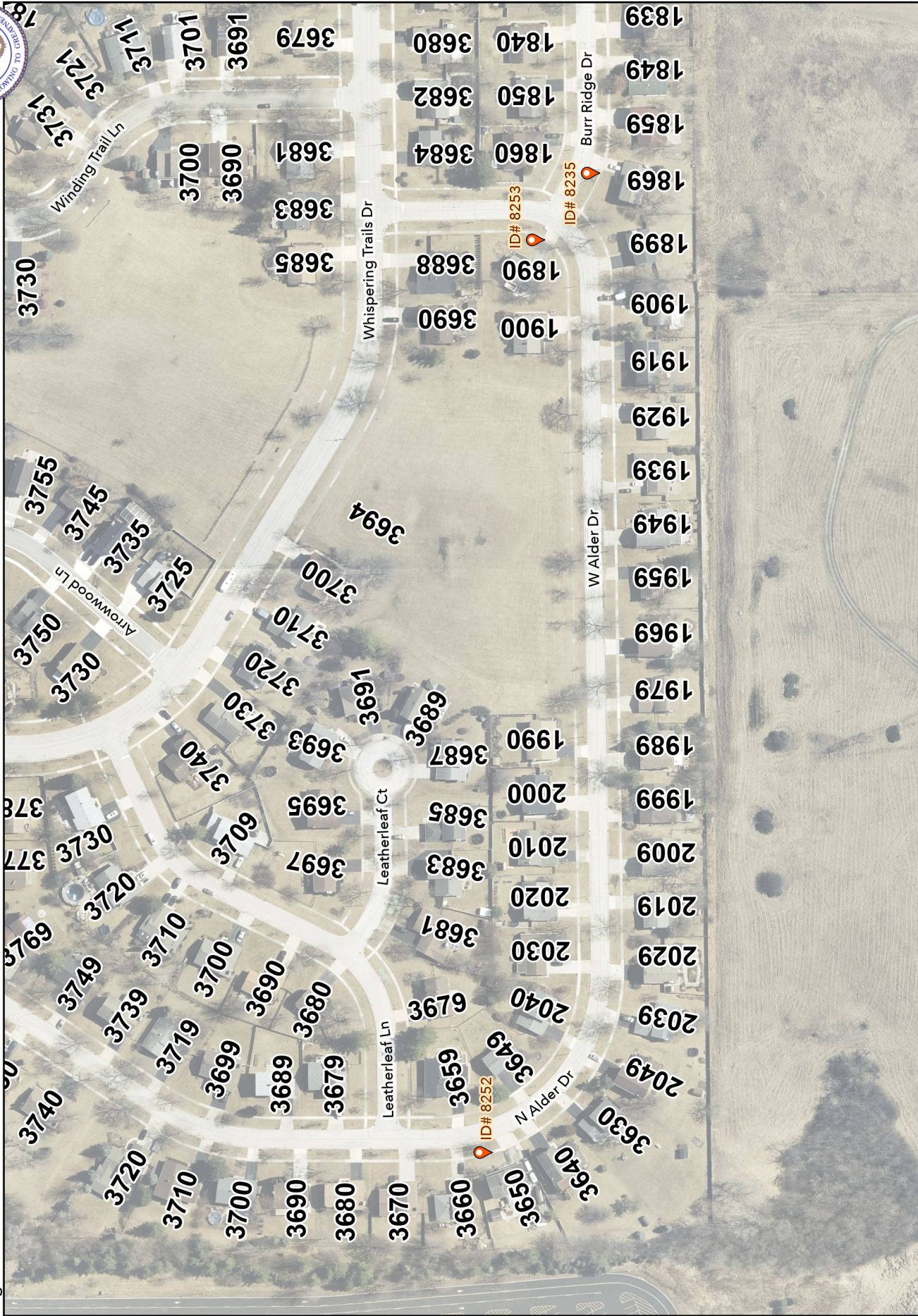


Inspection ID	Full Address	Manhole	Number of Squares	Square Feet	Tree Root
8214	930 CONCORD LN	No	9	180	No
8215	1165 CONCORD LN	No	2	40	No
8217	735 DIXON CT	No	14	280	No
8222	3765 LEXINGTON DR	No	3	60	No
8224	932 PATRIOT LN	No	7	140	No
8230	3515 TREATY LN	No	8	160	No
8236	980 COLONY LN	No	3	60	No
8237	1100 CONCORD LN	No	9	180	No
8241	4260 EISENHOWER CIR	No	1	20	No
8242	3701 FIRESTONE DR N	No	3	60	No
8245	3855 LEXINGTON DR	No	5	100	No
8256	995 SYCAMORE CT		5	100	0



2026 Sidewalk Program Details

Page 3 of 12



Orange location pin icon: Sidewalk Repair Location

3/27/2026
Village of Hoffman Estates

2026 Sidewalk Program Details

Page 3 of 12

3/27/2026



Inspection ID	Full Address	Manhole	Number of Squares	Square Feet	Tree Root
8235	1869 BURR RIDGE DR	No	10	200	No
8252	3650 ALDER DR W	No	9	180	No
8253	1890 ALDER DR W	No	4	80	No



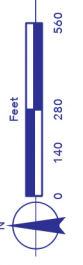
2026 Sidewalk Program Details

Page 4 of 12



3/27/2026
Village of Hoffman Estates

Orange Pin Icon: Sidewalk Repair Location



2026 Sidewalk Program Details

Page 4 of 12

3/27/2026



Inspection ID	Full Address	Manhole	Number of Squares	Square Feet	Tree Root
8212	2062 BONITA LN	No	7	140	No
8213	2060 COLCHESTER AVE	No	5	100	No
8233	5583 PRAIRIE STONE PKWY		3	60	0

2026 Sidewalk Program Details

Page 5 of 12

3/27/2026

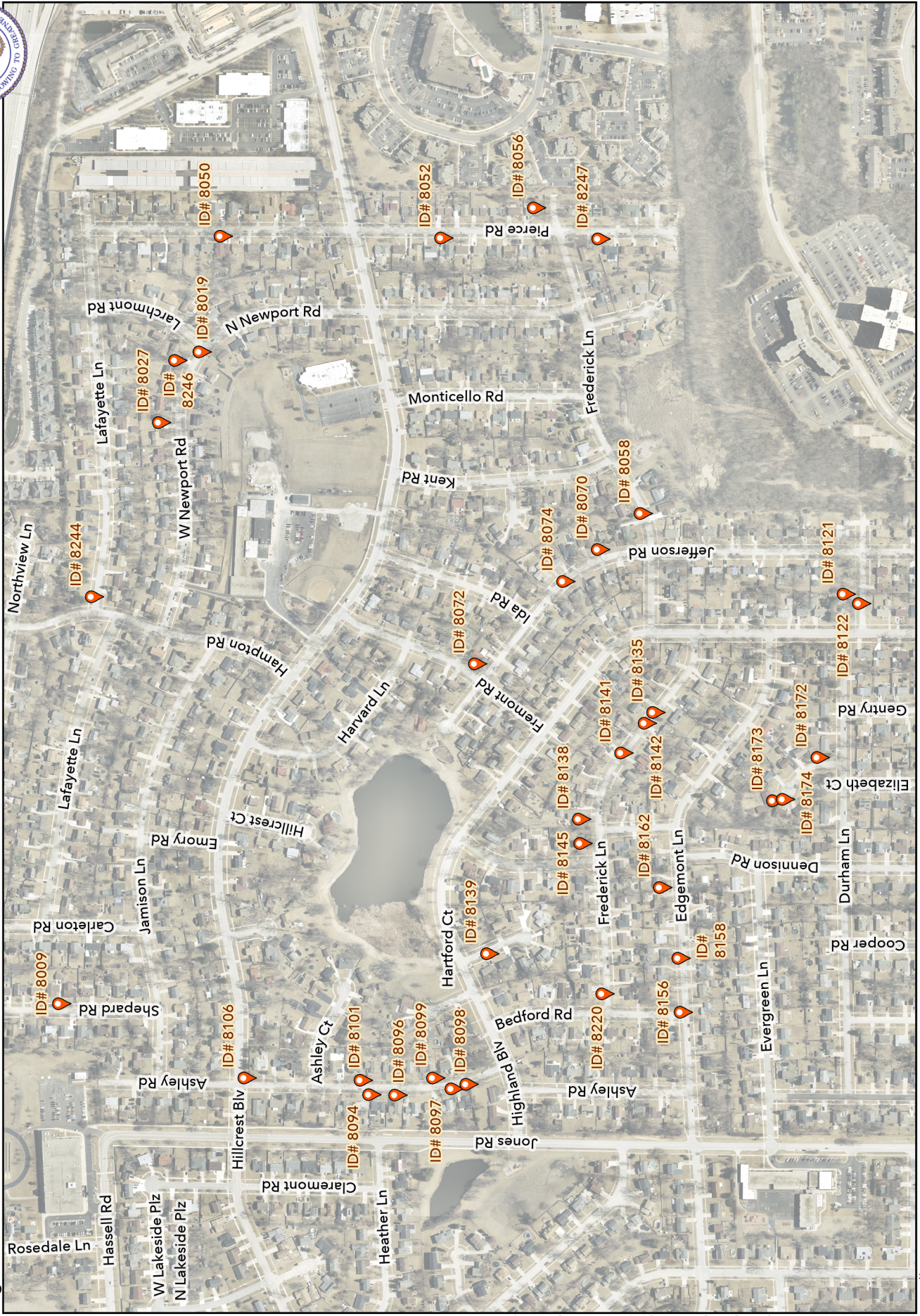


Inspection ID	Full Address	Manhole	Number of Squares	Square Feet	Tree Root
7939	1701 BARRINGTON RD	No	5	125	No
7944	1953 WHITTINGHAM LN	No	2	40	Yes
7945	2251 BRIAR CT	No	6	120	No
7946	2263 BRIAR CT	No	2	40	Yes
7947	2255 BRIAR CT	No	2	40	Yes
7955	1969 CHELTENHAM PL	No	2	40	No
7956	1800 GOVERNORS LN	No	22	440	Yes
8227	2258 SEAVER LN	No	3	60	0
8228	2062 SUTHERLAND PL	No	3	60	No



2026 Sidewalk Program Details

Page 6 of 12



Orange Pin: Sidewalk Repair Location

3/27/2026
Village of Hoffman Estates



2026 Sidewalk Program Details

Inspection ID	Full Address	Manhole	Number of Squares	Square Feet	Tree Root
8009	2045 SHEPARD RD	No	4	80	Yes
8019	1880 N NEWPORT RD	No	7	140	Yes
8027	350 W NEWPORT RD	No	6	120	Yes
8050	1880 PIERCE RD	No	2	40	Yes
8052	1740 PIERCE RD	No	5	100	Yes
8056	1685 PIERCE RD	No	24	600	Yes
8058	385 FREDERICK LN	No	10	200	Yes
8070	1615 JEFFERSON RD	No	2	40	No
8072	1705 FREMONT RD	No	5	100	Yes
8074	1630 JEFFERSON RD	No	4	80	Yes
8094	1820 ASHLEY RD	No	3	60	Yes
8096	1790 ASHLEY RD	No	4	80	No
8097	1750 ASHLEY RD	No	4	80	Yes
8098	1789 HIGHLAND BLVD	No	8	160	Yes
8099	1755 ASHLEY RD	No	4	80	Yes
8101	1825 ASHLEY RD	No	2	40	Yes
8106	1895 ASHLEY RD	No	1.1	220	Yes
8121	410 DURHAM LN	No	27	540	Yes
8122	1485 HIGHLAND BLVD	No	17	340	Yes
8135	545 FREDERICK LN	No	6	120	Yes
8138	598 FREDERICK LN	No	7	140	Yes
8139	1680 HARTFORD CT	No	3	60	Yes
8141	575 FREDERICK LN	No	12	240	Yes
8142	555 FREDERICK LN	No	5	100	Yes
8145	1635 DENNISON RD	No	18	360	Yes
8156	705 EDGE MONT LN	No	5	100	Yes
8158	665 EDGE MONT LN	No	1	20	Yes
8162	620 EDGE MONT LN	No	5	100	Yes
8172	560 DURHAM LN	No	6	120	Yes
8173	580 DURHAM CT	No	5	100	No
8174	584 DURHAM CT	No	8	160	Yes
8220	685 FREDERICK LN	No	6	120	0
8244	495 LAFAYETTE LN	No	1	20	0
8246	300 NEWPORT RD	No	5	100	No
8247	1650 PIERCE RD	No	5	100	0

2026 Sidewalk Program Details

Page 7 of 12

3/27/2026

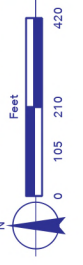
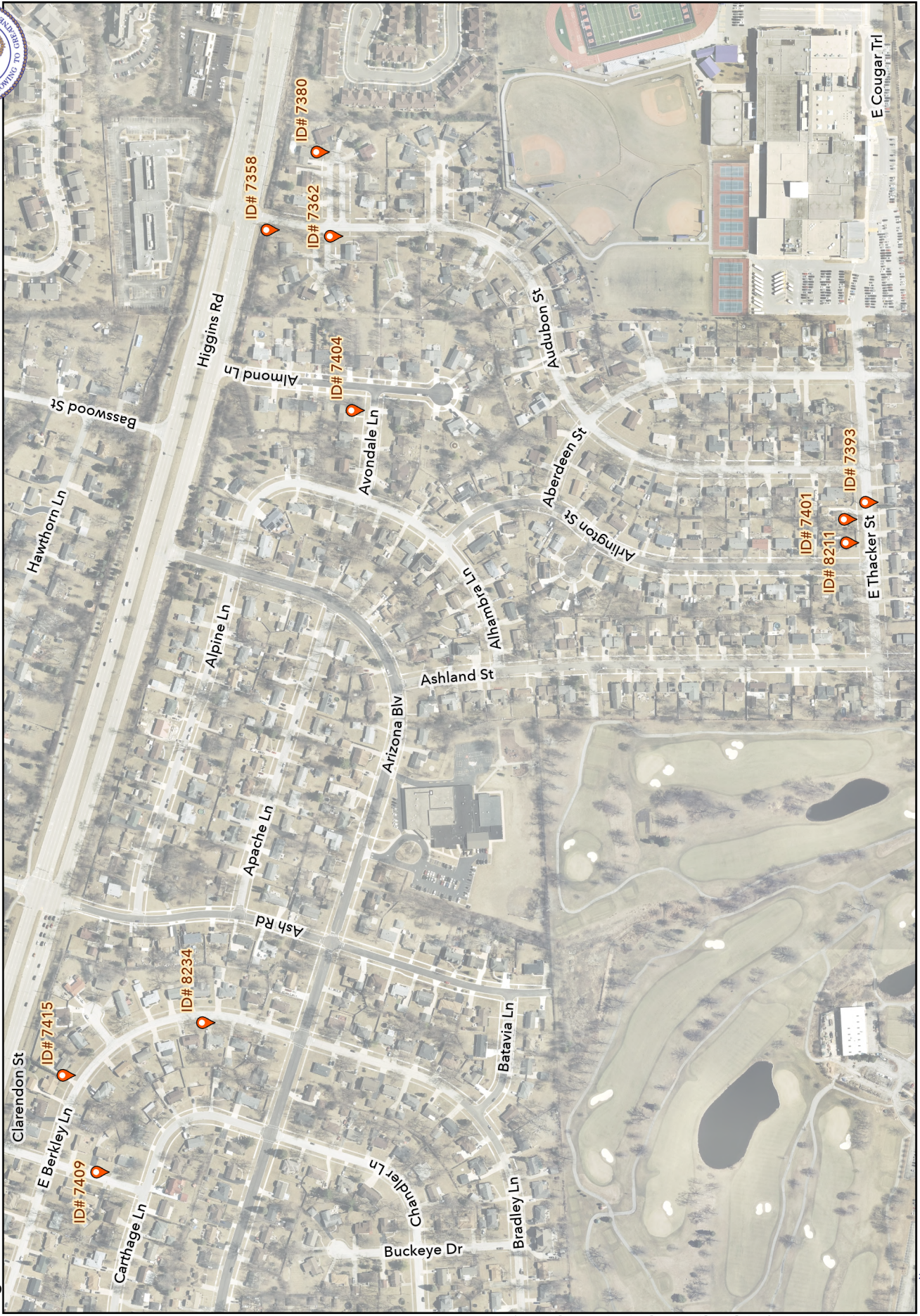


Inspection ID	Full Address	Manhole	Number of Squares	Square Feet	Tree Root
7742	1155 W DOVINGTON DR	No	3	60	Yes
7745	658 WAINSFORD DR	No	7	140	Yes
7751	621 YARDLEY LN	No	5	100	Yes
7757	1315 CHATSWORTH LN	No	3	60	Yes
7798	1070 N DARLINGTON CIR	No	3	60	Yes
7814	1121 WARWICK CIRCLE NORTH	No	3	60	No
7833	915 GANNON DR	No	12	240	Yes
7861	1460 CALDWELL LN	No	2	40	Yes
7878	1611 CROWFOOT CIR N	No	2	40	Yes
7908	1925 CRESCENT LN	No	5	100	Yes
7909	1941 CRESCENT LN	No	4	80	Yes
7910	1934 CRESCENT CT	No	2	40	Yes
8216	1332 DARLINGTON CIR	No	2	40	0
8221	1495 HUNDLEY ST W	No	2	40	No
8223	1270 NEWCASTLE LN	No	3	60	No
8238	1915 CRESCENT LN	No	3	60	1
8239	1337 DARLINGTON CIR	No	4	80	No
8240	675 DOWNEY ST	No	4	80	No
8248	665 RANDI LN	No	1	20	0
8254	1061 WARWICK CIRCLE NORTH	No	2	40	1



2026 Sidewalk Program Details

Page 8 of 12



 Sidewalk Repair Location

3/27/2026
Village of Hoffman Estates

2026 Sidewalk Program Details

Page 8 of 12

3/27/2026




Inspection ID	Full Address	Manhole	Number of Squares	Square Feet	Tree Root
7358	750 AUDUBON ST	No	17	340	Yes
7362	700 AUDUBON ST	No	7	140	No
7380	731 AUDUBON ST	No	7	140	Yes
7393	515 E THACKER ST	No	7	140	Yes
7401	415 ARLINGTON ST	No	19	380	Yes
7404	550 AVONDALE LN	No	4	80	No
7409	845 CLARENDON ST	No	3	60	No
7415	222 E BERKLEY LN	No	11	220	No
8211	500 E THACKER ST	No	9	180	No
8234	249 BERKLEY LN	No	4	80	1

2026 Sidewalk Program Details

Page 9 of 12



 Sidewalk Repair Location

3/27/2026
Village of Hoffman Estates



2026 Sidewalk Program Details

Inspection ID	Full Address	Manhole	Number of Squares	Square Feet	Tree Root
7439	849 LINDEN CIR	No	3	60	No
7440	841 LINDEN CIR	No	2	40	Yes
7445	980 EVANSTON ST	No	18	360	Yes
7446	920 EVANSTON ST	No	9	180	Yes
7449	170 BODE RD	No	7	140	Yes
7450	190 BODE RD	No	7	140	No
7464	HIGGINS RD W	No	8	160	No
7469	995 WASHINGTON BLVD	No	12	240	Yes
7473	610 ALCOA LN	No	6	120	Yes
7481	400 W BERKLEY LN	No	5	100	Yes
7492	730 ALCOA LN	No	9	180	Yes
7495	495 W BERKLEY LN	No	5	100	Yes
7524	685 LAKEVIEW LN	No	5	100	Yes
7527	560 LAKEVIEW LN	No	4	80	Yes
7542	725 WESTERN ST	No	10	200	Yes
7644	620 MOHAVE ST	No	3	60	Yes
7664	390 KINGMAN LN	No	4	80	No
8193	1 GOLF RD	No	12	240	No
8243	411 HIGGINS RD W	No	8	160	No
8255	960 WOODLAWN ST	No	5	100	1
8194	375 W HIGGINS RD	No	5	Unk	Yes



2026 Sidewalk Program Details

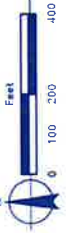
Page 10 of 12



3/27/2026

Village of Hoffman Estates

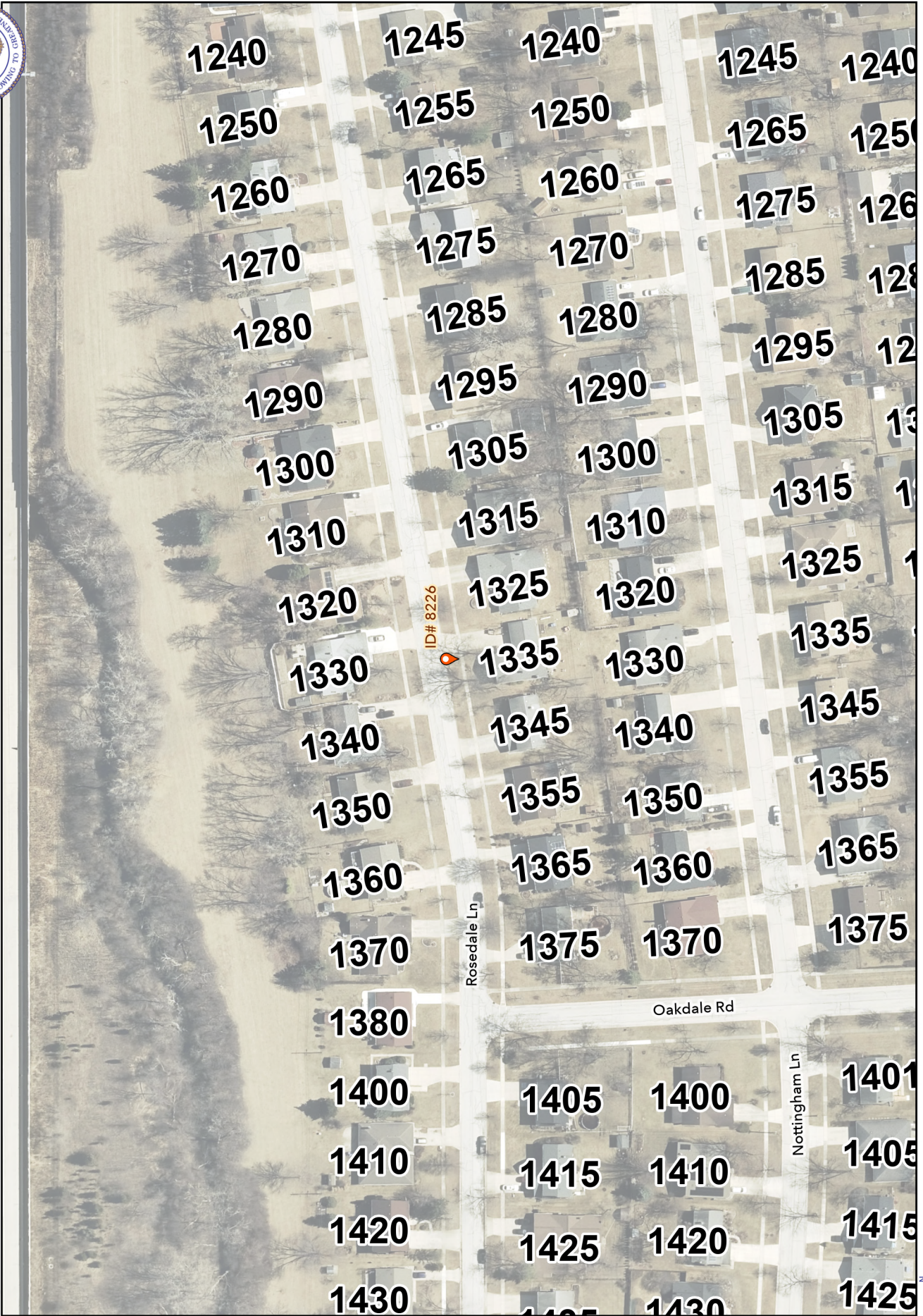
Sidewalk Repair Location





2026 Sidewalk Program Details

Page 11 of 12



3/27/2026
Village of Hoffman Estates

📍 Sidewalk Repair Location



2026 Sidewalk Program Details

Page 11 of 12

3/27/2026



Inspection ID	Full Address	Manhole	Number of Squares	Square Feet	Tree Root
8226	1335 ROSEDALE LN	No	5	100	No

2026 Sidewalk Program Details

Page 12 of 12



📍 Sidewalk Repair Location

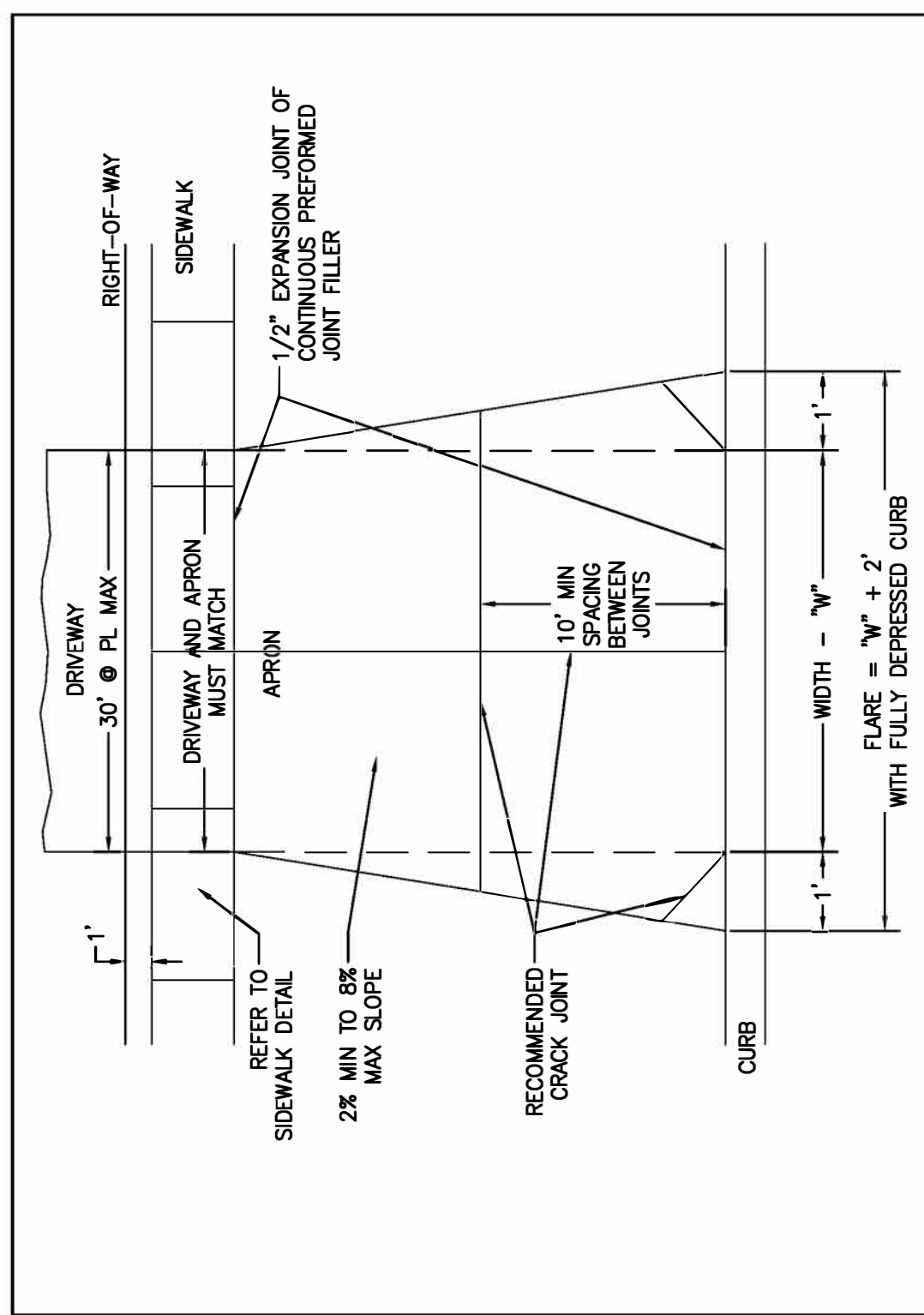
3/27/2026

Village of Hoffman Estates

2026 Sidewalk Program Details



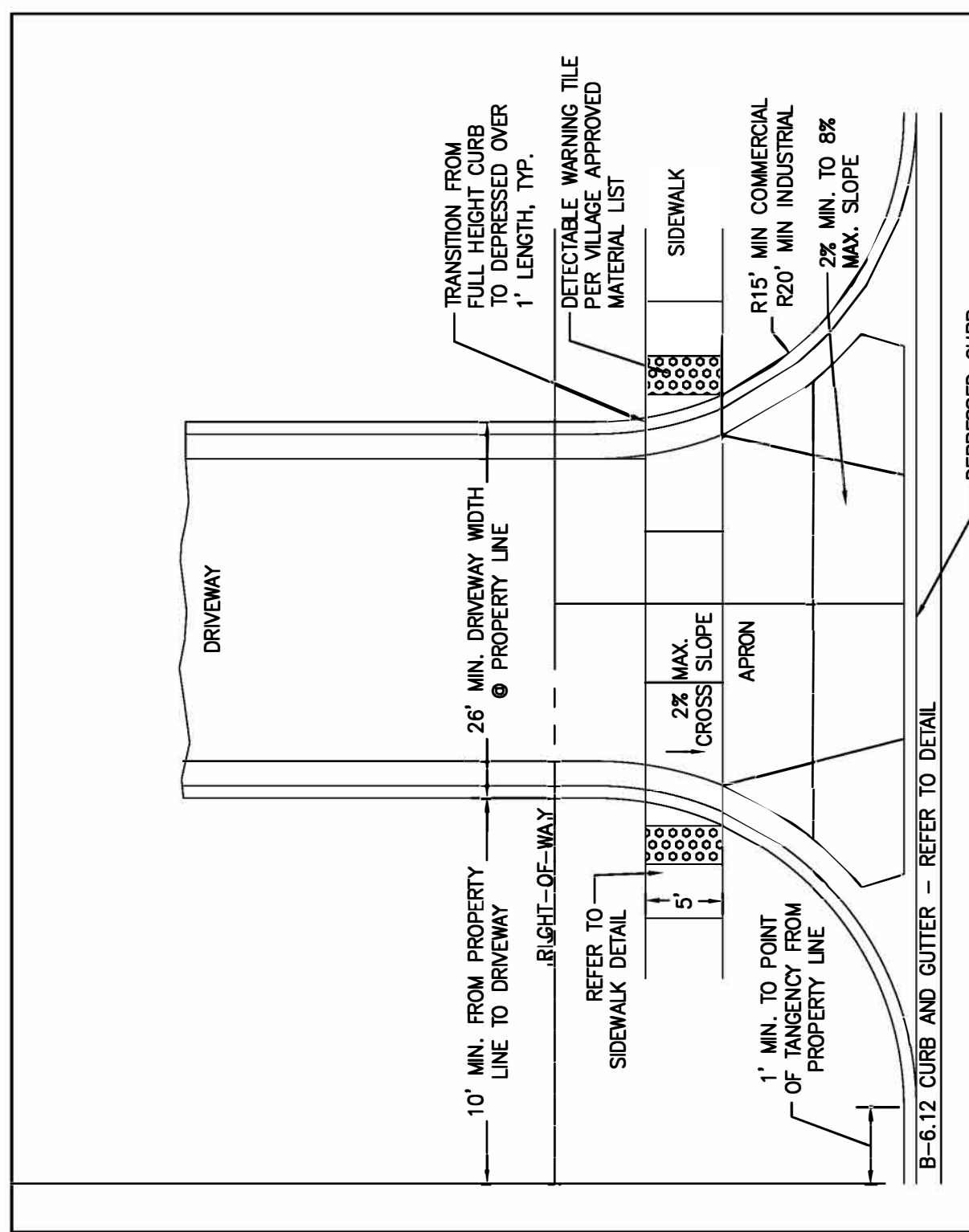
Inspection ID	Full Address	Manhole	Number of Squares	Square Feet	Tree Root
7926	1001 BARRINGTON RD	No	6	150	Yes



- NOTES:**
- MINIMUM WIDTH, "W" = 10', MINIMUM FLARE = 12'
 - MAXIMUM WIDTH, "W" = 30', MAXIMUM FLARE = 32'
 - THE DRIVEWAY SHALL CONSIST OF:
 - 6" P.C.C.
 - 6" X 6" NO.-10 STEEL-MESH-REINFORCED-OR SYNTHETIC FIBERS
 - 4" CA-6 CRUSHED STONE OR GRAVEL
 - CONCRETE TO BE 6 842-MK-3500-psi COMPRESSIVE-STRENGTH
 - THE DRIVEWAY SHALL CONSIST OF:
 - 2" HMA
 - 6" CA-6 CRUSHED-STONE
 - OR
 - 4" P.C.C.
 - 4" CA-6 CRUSHED-STONE
 - W/ WIRE-MESH-REINFORCEMENT-OR SYNTHETIC-FIBERS
 - SIDEWALK THROUGH DRIVEWAY MUST BE A MINIMUM OF 6" P.C.C. WITH 4" STONE.
 - CURE AND SEAL COMPOUND PER THE VILLAGE APPROVED MATERIAL LIST.
 - CLASS SI CONCRETE IN ACCORDANCE WITH THE STAND OF ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 - WORK AND MATERIAL SHALL CONFORM TO IDOT STANDARD SPECIFICATIONS UNLESS OTHERWISE SPECIFIED.

RESIDENTIAL APRON & DRIVEWAY		SCALE	NONE	REVISIONS	
DATE	01/01/26	NO.		BY	DATE
DRAFTER	MRC	SHEET NO.			
			1	OF	1

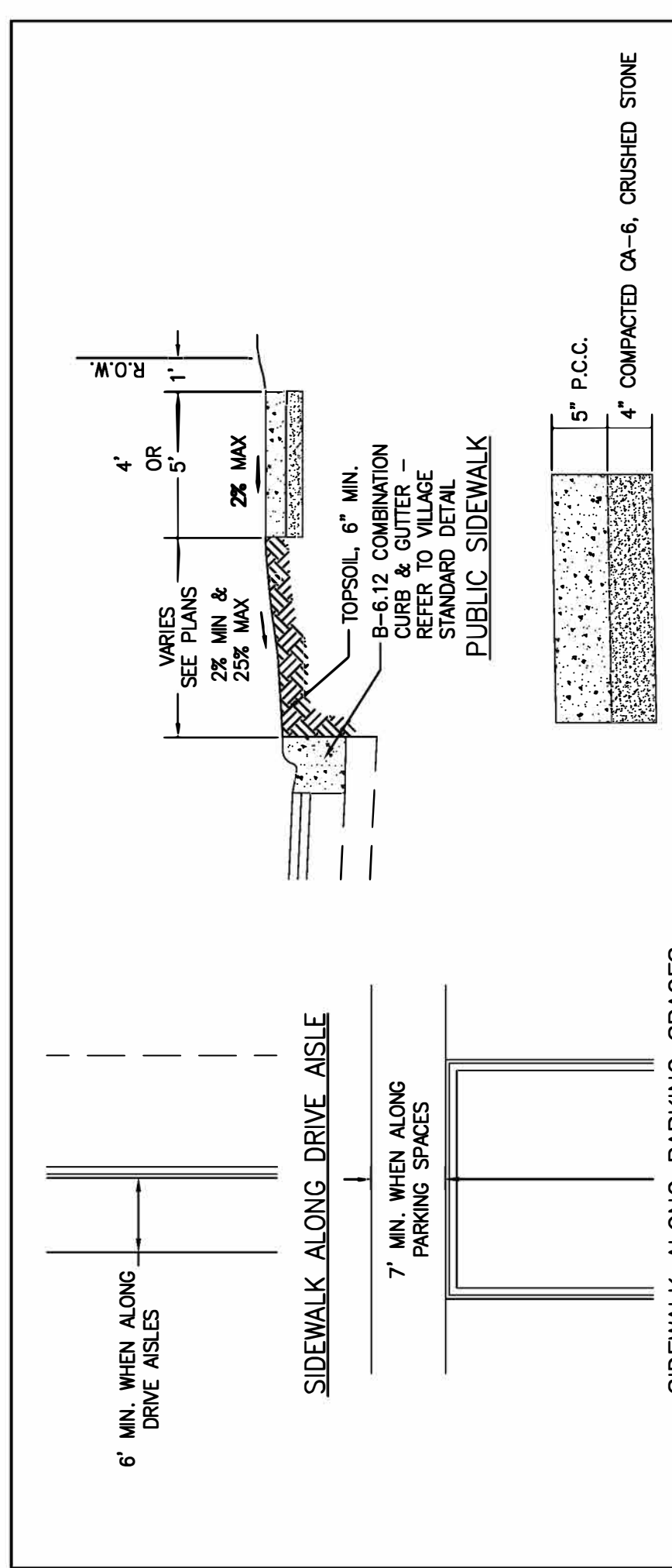
VILLAGE OF HOFFMAN ESTATES
ENGINEERING DIVISION



- NOTES:**
- THE APRON SHALL CONSIST OF:
 - 6" P.C.C.
 - 4" CA-6 CRUSHED STONE
 - 6" X 6" NO.-10 STEEL-MESH-REINFORCED-OR SYNTHETIC FIBER
 - A LARGER CROSS SECTION MAY BE REQUIRED DUE TO THE TRUCK VOLUME OR ROUTING THROUGH A SITE.
 - THE DRIVEWAY SHALL BE DESIGNED TO ACCOMMODATE SITE APPLICABLE TRAFFIC NEEDS- MINIMUM PAVEMENT SECTION REQUIRED:
 - 1- 1/2" HOT-MX ASPHALT SURFACE COURSE- MK "D"- N50
 - 2- 1/2" HOT-MX ASPHALT BINDER- IL- 19.0- N50
 - 10" CA-6 CRUSHED STONE
 - SIDEWALK THROUGH DRIVEWAY MUST BE A MINIMUM OF 6" P.C.C. WITH 4" STONE.
 - CURE AND SEAL COMPOUND PER THE VILLAGE APPROVED MATERIAL LIST.
 - CLASS SI CONCRETE IN ACCORDANCE WITH THE STAND OF ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 - WORK AND MATERIAL SHALL CONFORM TO IDOT STANDARD SPECIFICATIONS UNLESS OTHERWISE SPECIFIED.

COMMERCIAL APRON & DRIVEWAY		SCALE	NONE	REVISIONS	
DATE	01/01/26	NO.		BY	DATE
DRAFTER	MRC	SHEET NO.			
			1	OF	1

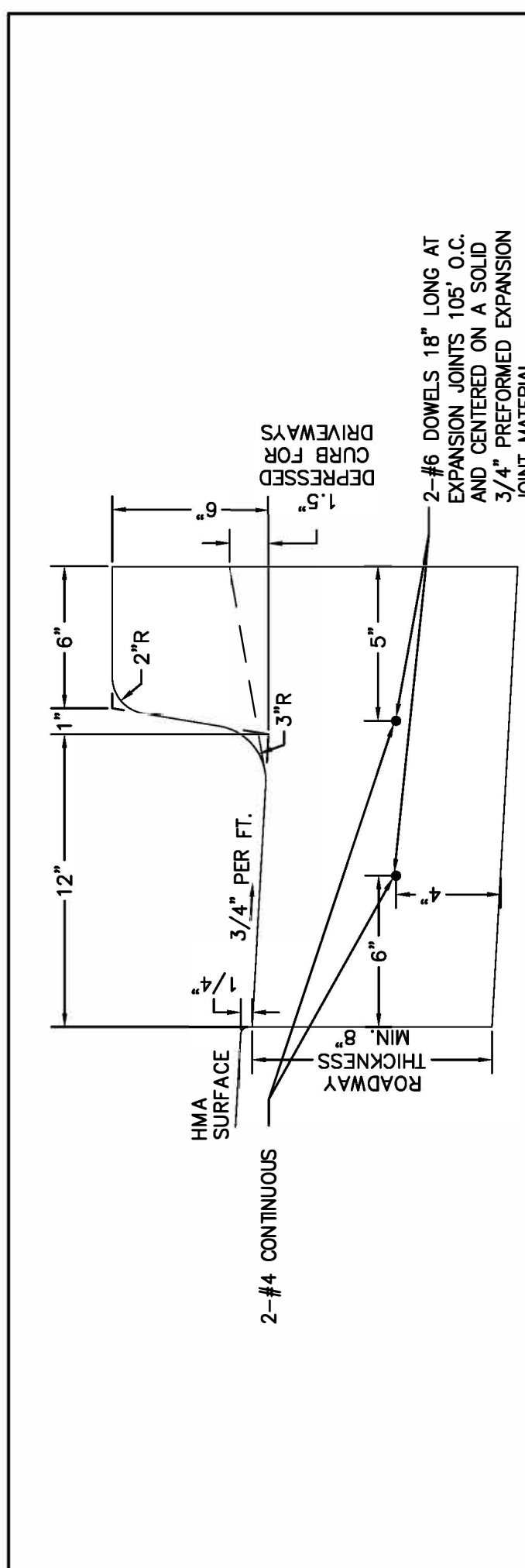
VILLAGE OF HOFFMAN ESTATES
ENGINEERING DIVISION



- NOTES:**
- CONCRETE SIDEWALKS WITHIN DRIVEWAY AREAS SHALL BE A MINIMUM OF 6" OR MATCH THE DRIVEWAY PAVEMENT THICKNESS.
 - ALL CONCRETE FORMS SHALL BE SIZED PROPERLY TO COVER THE ENTIRETY OF THE SLAB THICKNESS.
 - SIDEWALKS SHALL FOLLOW CURRENT ADA GUIDELINES.
 - PERFORMED 3/4" EXPANSION JOINTS SHALL BE CONSTRUCTED AT A MAXIMUM SPACING OF 50'.
 - FORMED OR SAW-CUT CONTRACTION JOINTS SHALL BE SPACED GENERALLY 5' APART, BUT NO LESS THAN 4' AND NO MORE THAN 6'.
 - 1/2" EXPANSION JOINTS SHALL BE INSTALLED WHERE SIDEWALK ABUTS BUILDINGS, TRAFFIC SIGNAL FOUNDATIONS, SERVICE POLES, AND OTHER IMMOVABLE STRUCTURES.
 - CURE AND SEAL COMPOUND PER THE VILLAGE APPROVED MATERIAL LIST.
 - CLASS SI CONCRETE IN ACCORDANCE WITH THE STAND OF ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 - ALL WORK AND MATERIAL SHALL CONFORM TO IDOT STANDARD SPECIFICATIONS UNLESS OTHERWISE SPECIFIED.

SIDEWALK		SCALE	NONE	REVISIONS	
DATE	01/01/26	NO.		BY	DATE
DRAFTER	MRC	SHEET NO.			
			1	OF	1

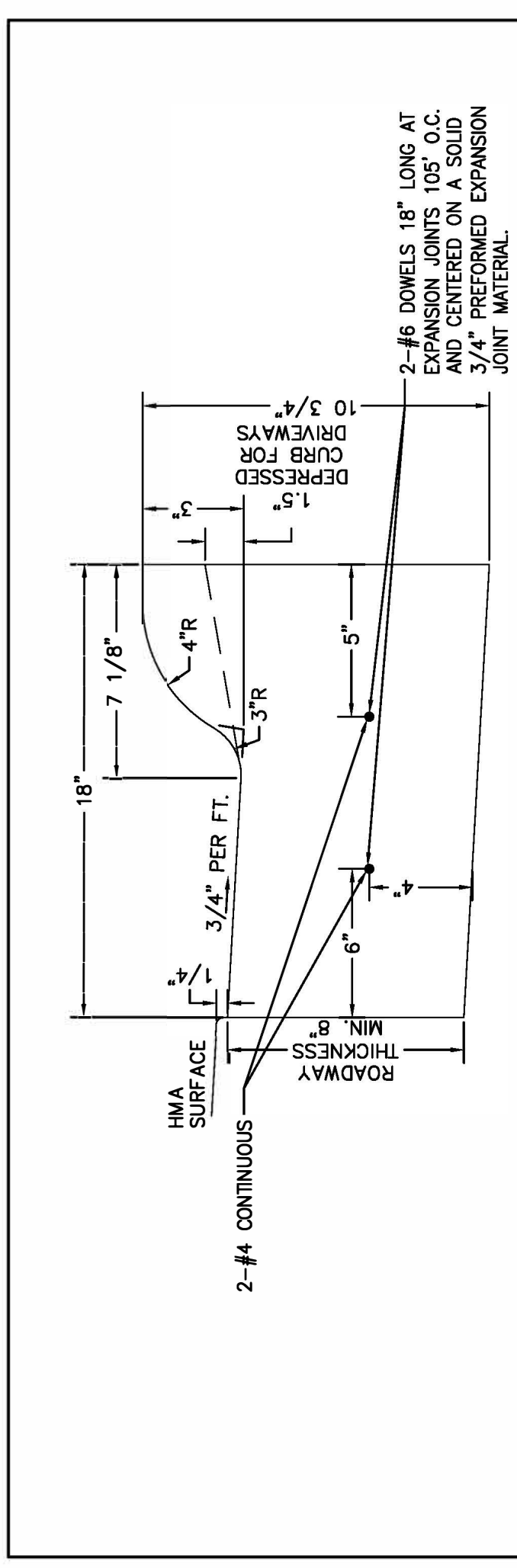
VILLAGE OF HOFFMAN ESTATES
ENGINEERING DIVISION



- NOTES:**
- THE CURB SHALL BE DEPRESSED AT ALL APRONS AND ACROSS ALL SIDEWALK RAMPING IN ACCORDANCE WITH PROJECT DETAILS AND ADA GUIDELINES.
 - DEPRESSED CURB FOR SIDEWALK RAMPS SHALL BE A MAXIMUM OF 1/2 INCH IN HEIGHT.
 - CONTRACTION JOINTS TO BE TOOLED OR SAWCUT EVERY 15 FEET TO A DEPTH OF 1 1/2 INCHES.
 - EXPANSION JOINTS SHALL BE PROVIDED AT THE BEGINNING AND END OF ALL RETURN RADI, 5 FEET EITHER SIDE OF A DRAINAGE STRUCTURE, AT THE END OF A DAY'S POUR, AND/OR AT SPACING NOT TO EXCEED 105 FEET.
 - EXPANSION JOINTS SHALL CONSIST OF 2-NO. 6 BARS, 18 INCHES LONG, CAPPED AND GREASED ON ONE END, EXTENDING THROUGH AND CENTERED ON A SOLID 3/4 INCH PREFORMED EXPANSION JOINT MATERIAL CUT TO CONFORM TO THE SHAPE OF THE CURB AND GUTTER SECTION.
 - PERFORMED 1/2 INCH EXPANSION JOINTS WILL BE PROVIDED BETWEEN THE SIDEWALKS AND CONCRETE DRIVEWAYS WHERE THEY ABUT CURB.
 - EXPANSION JOINTS MUST MATCH THE THICKNESS OF THE SIDEWALK OR DRIVEWAY PAVEMENT SECTION.
 - 2" DRILLED AND GROUTED NO. 6 REINFORCING BARS OR EXPANSIONS TIE ANCHORS, 3/4 INCH IN DIAMETER, SHALL BE USED TO TIE THE CURB AND GUTTER TO THE EXISTING CURB AND GUTTER ON EACH SIDE.
 - CURB SHALL BE STAMPED WITH A "W" INDICATING THE LOCATION OF WATER SERVICES AND STAMPED WITH A "S" INDICATING THE LOCATION OF SANITARY SEWER SERVICES.
 - CONCRETE COMPOUND PER THE VILLAGE APPROVED MATERIAL LIST.
 - CLASS SI CONCRETE IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 - ALL WORK AND MATERIAL SHALL CONFORM TO IDOT STANDARD SPECIFICATIONS UNLESS OTHERWISE SPECIFIED.

B-6.12 CURB AND GUTTER		SCALE	NONE	REVISIONS	
DATE	01/01/26	NO.		BY	DATE
DRAFTER	MRC	SHEET NO.			
			1	OF	1

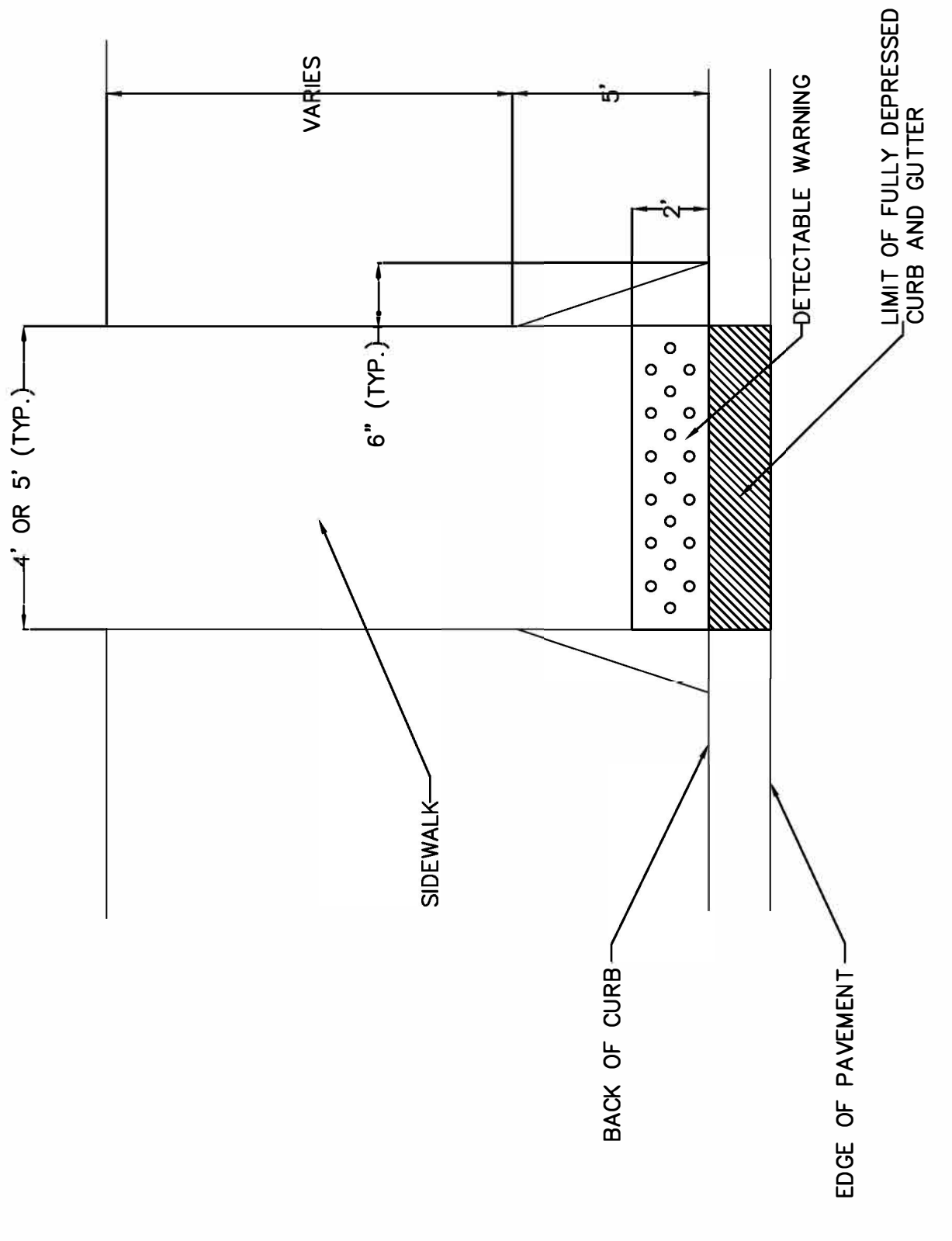
VILLAGE OF HOFFMAN ESTATES
ENGINEERING DIVISION



- NOTES:**
- THE CURB SHALL BE DEPRESSED AT ALL APRONS AND ACROSS ALL SIDEWALK RAMPING IN ACCORDANCE WITH PROJECT DETAILS AND ADA GUIDELINES.
 - DEPRESSED CURB FOR SIDEWALK RAMPS SHALL BE A MAXIMUM OF 1/2 INCH IN HEIGHT.
 - CONTRACTION JOINTS TO BE TOOLED OR SAWCUT EVERY 15 FEET TO A DEPTH OF 1 1/2 INCHES.
 - EXPANSION JOINTS SHALL BE PROVIDED AT THE BEGINNING AND END OF ALL RETURN RADI, 5 FEET EITHER SIDE OF A DRAINAGE STRUCTURE, AT THE END OF A DAY'S POUR, AND/OR AT SPACING NOT TO EXCEED 105 FEET.
 - EXPANSION JOINTS SHALL CONSIST OF 2-NO. 6 BARS, 18 INCHES LONG, CAPPED AND GREASED ON ONE END, EXTENDING THROUGH AND CENTERED ON A SOLID 3/4 INCH PREFORMED EXPANSION JOINT MATERIAL CUT TO CONFORM TO THE SHAPE OF THE CURB AND GUTTER SECTION.
 - PERFORMED 1/2 INCH EXPANSION JOINTS WILL BE PROVIDED BETWEEN THE SIDEWALKS AND CONCRETE DRIVEWAYS WHERE THEY ABUT CURB.
 - EXPANSION JOINTS MUST MATCH THE THICKNESS OF THE SIDEWALK OR DRIVEWAY PAVEMENT SECTION.
 - 2" DRILLED AND GROUTED NO. 6 REINFORCING BARS OR EXPANSIONS TIE ANCHORS, 3/4 INCH IN DIAMETER, SHALL BE USED TO TIE THE PROPOSED CURB AND GUTTER TO THE EXISTING CURB AND GUTTER ON EACH SIDE.
 - CURB SHALL BE STAMPED WITH A "W" INDICATING THE LOCATION OF WATER SERVICES AND STAMPED WITH A "S" INDICATING THE LOCATION OF SANITARY SEWER SERVICES.
 - CONCRETE COMPOUND PER THE VILLAGE APPROVED MATERIAL LIST.
 - CLASS SI CONCRETE IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 - ALL WORK AND MATERIAL SHALL CONFORM TO IDOT STANDARD SPECIFICATIONS UNLESS OTHERWISE SPECIFIED.

M-3.12 CURB AND GUTTER		SCALE	NONE	REVISIONS	
DATE	01/01/26	NO.		BY	DATE
DRAFTER	MRC	SHEET NO.			
			1	OF	1

VILLAGE OF HOFFMAN ESTATES
ENGINEERING DIVISION



- NOTES:**
- DETECTABLE WARNING PLACEMENT AND SIDEWALK/RAMP SLOPE SHALL FOLLOW IDOT STANDARDS 424001 AND 424006
 - DETECTABLE WARNING TO MATCH FULL WIDTH OF APPROACH SIDEWALK, MINIMUM 4 FEET.

SIDEWALK RAMP DETAIL

FRAME & LID		EAST JORDAN	
CLOSED COVER	R-1713-W WITH R-1772	00102280	
OPEN COVER	R-1713-W WITH R-1772	00102030	
B-6.12 CURB	R-3278-A	00722031001	
M-3.12 CURB	R-3501-P	00752530001	
DEPRESSED	R-3281-A	00721046002	
BEEHIVE	R-4340-B	00652741	

REFER TO VILLAGE STORM COVER DETAIL

TWO ADJUSTING RINGS ALLOWED. MAXIMUM HEIGHT = 12". MINIMUM 1-2" ADJUSTING RING

CONCRETE FILLET, IF ONE PIPE ONLY

PRECAST REINFORCED CONCRETE SECTION AND MONOLITHIC CONCRETE BASE

4" CA-7 CRUSHED STONE BEDDING

2'-0" DIA MINIMUM

VARIES REFER TO PLANS

MANHOLE DIMENSIONS

PRECAST REINFORCED CONCRETE SECTION	D	C *	T (MIN.)
4'-0"	2'-6"	0'-4"	
5'-0"	3'-9"	0'-5"	
6'-0"	5'-0"	0'-6"	

* CAN VARY

NOTES:

- ONLY PRECAST STRUCTURES ALLOWED.
- FRAME AND GRATE SHALL BE ADJUSTED TO THE INLET STRUCTURE.
- PRECAST CONCRETE BASE SHALL BE INTEGRALLY CAST WITH THE LOWEST WALL SECTION.
- ALL GRATES PROVIDED SHALL BE BICYCLE SAFE.
- ALL STRUCTURES LOCATED IN THE PAVEMENT SHALL FOLLOW THE WEEPHOLE DETAIL.

SCALE NONE REVISIONS

DATE 01/01/20 NO. BY DATE

DRAFTER MRC

SHEET NO. 1 OF 1

STORM MANHOLE TYPES A & C

VILLAGE OF HOFFMAN ESTATES

ENGINEERING DIVISION

FRAME & GRATE		EAST JORDAN	
CLOSED COVER	R-1713-W WITH R-1772	00102280	
OPEN COVER	R-1713-W WITH R-1772	00102030	
B-6.12 CURB	R-3278-A	00722031001	
M-3.12 CURB	R-3501-P	00752530001	
DEPRESSED	R-3281-A	00721046002	
BEEHIVE	R-4340-B	00652741	

REFER TO VILLAGE STORM COVER DETAIL

TWO ADJUSTING RINGS ALLOWED. MAXIMUM HEIGHT = 12". MINIMUM 1-2" ADJUSTING RING

TYPE A MANHOLE

TYPE C MANHOLE IF TOP OF PIPE TO RIM IS < 5'. TYPE A MANHOLE IF TOP OF PIPE TO RIM IS > 5'

6" CONCRETE SLAB

FLAT SLAB PER IDOT STANDARD DETAIL 602601

CLASS SI CONCRETE

6" PRECAST CONCRETE BASE

4" CA-7 CRUSHED STONE BEDDING

VARIES REFER TO PLANS

RCP ASTM C-76

10" RING JOINTS PER ASTM C-443

MANHOLE DIMENSIONS

PRECAST REINFORCED CONCRETE SECTION	D	C *	T (MIN.)
4'-0"	2'-6"	0'-4"	
5'-0"	3'-9"	0'-5"	
6'-0"	5'-0"	0'-6"	

* CAN VARY

NOTES:

- ONLY PRECAST STRUCTURES ALLOWED.
- MANHOLE SECTIONS TO BE JOINED WITH ROPE TYPE MASTIC (E-Z STICK OR EQUAL).
- PRECAST CONCRETE BASE MUST BE INTEGRALLY CAST WITH THE LOWEST WALL SECTION.
- ALL STRUCTURES LOCATED IN THE PAVEMENT SHALL FOLLOW THE WEEPHOLE DETAIL.

SCALE NONE REVISIONS

DATE 01/01/20 NO. BY DATE

DRAFTER MRC

SHEET NO. 1 OF 1

STORM MANHOLE TYPES A & C

VILLAGE OF HOFFMAN ESTATES

ENGINEERING DIVISION

ADJUSTING RINGS (AS NECESSARY) MAXIMUM 2 RINGS OR 12"

FULL DEPTH SAW CUT ON EXISTING PAVEMENT TO REMAIN

TYPE "A" MANHOLE

TYPE "C" MANHOLE

PAVED

NON PAVED

TOPSOIL AND 500

COMPACTED BACKFILL MATERIAL REFLECTOR RINGS, STICKS AND DEBRIS

MINIMUM OF 10" CLASS SI CONCRETE TO BE POURED FROM THE BOTTOM OF EXISTING HMA SURFACE COURSE

NOTE:

IF MANHOLE LOCATION IS WITHIN THE CURB AND GUTTER, DRIVEWAY, SIDEWALK, OR PCC PAVEMENT SURFACE; RESTORE SURFACE TO MATCH EXISTING CONDITIONS

MANHOLE RESTORATION DETAIL

FRAME & GRATE		EAST JORDAN	
CLOSED COVER	R-1713-W WITH R-1772	00102280	
OPEN COVER	R-1713-W WITH R-1772	00102030	
B-6.12 CURB	R-3278-A	00722031001	
M-3.12 CURB	R-3501-P	00752530001	
DEPRESSED	R-3281-A	00721046002	
BEEHIVE	R-4340-B	00652741	

TWO ADJUSTING RINGS ALLOWED. MAXIMUM HEIGHT = 12". MINIMUM 1-2" ADJUSTING RING

TYPE A

TYPE C

FLAT SLAB PER IDOT STANDARD DETAIL 602601

EZ STICK OR ROPE TYPE MASTIC BETWEEN SECTIONS

4" CA-7 CRUSHED STONE BEDDING

VARIES REFER TO PLANS

MANHOLE DIMENSIONS

PRECAST REINFORCED CONCRETE SECTION	D	C *	T (MIN.)
4'-0"	2'-6"	0'-4"	
5'-0"	3'-9"	0'-5"	
6'-0"	5'-0"	0'-6"	

* CAN VARY

NOTES:

- ONLY PRECAST STRUCTURES ALLOWED.
- FRAME AND GRATE SHALL BE ADJUSTED TO THE CONCRETE STRUCTURE.
- THE FRAME AND GRATE SHALL BE ADJUSTED TO THE CONCRETE STRUCTURE.
- ALL STRUCTURES LOCATED IN THE PAVEMENT SHALL FOLLOW THE WEEPHOLE DETAIL.

SCALE NONE REVISIONS

DATE 01/01/20 NO. BY DATE

DRAFTER MRC

SHEET NO. 1 OF 1

CATCH BASIN TYPE A & C

VILLAGE OF HOFFMAN ESTATES

ENGINEERING DIVISION

PAVEMENT

SUBBASE

AGGREGATE BACKFILL - REFER TO INLET, CATCH BASIN, OR MANHOLE DETAIL

NONWOVEN FILTER FABRIC, 18 INCHES WIDE. PER ARTICLE 1080.01 FABRIC ENVELOPE FOR PIPE UNDERDRAINS IN IDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION

REFER TO INLET CATCH BASIN, OR MANHOLE DETAIL

WEEP HOLES

6" TYP.

1" WEEPHOLES

SIDE VIEW

TOP VIEW

NOTES:

- SECURE FILTER FABRIC WITH CLAMPS OR MASTIC.
- ALL STORM STRUCTURES IN PAVEMENT SHALL FOLLOW THIS DETAIL.

SCALE NONE REVISIONS

DATE 01/01/20 NO. BY DATE

DRAFTER MRC

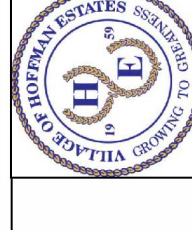
SHEET NO. 1 OF 1

WEEPHOLE

VILLAGE OF HOFFMAN ESTATES

ENGINEERING DIVISION

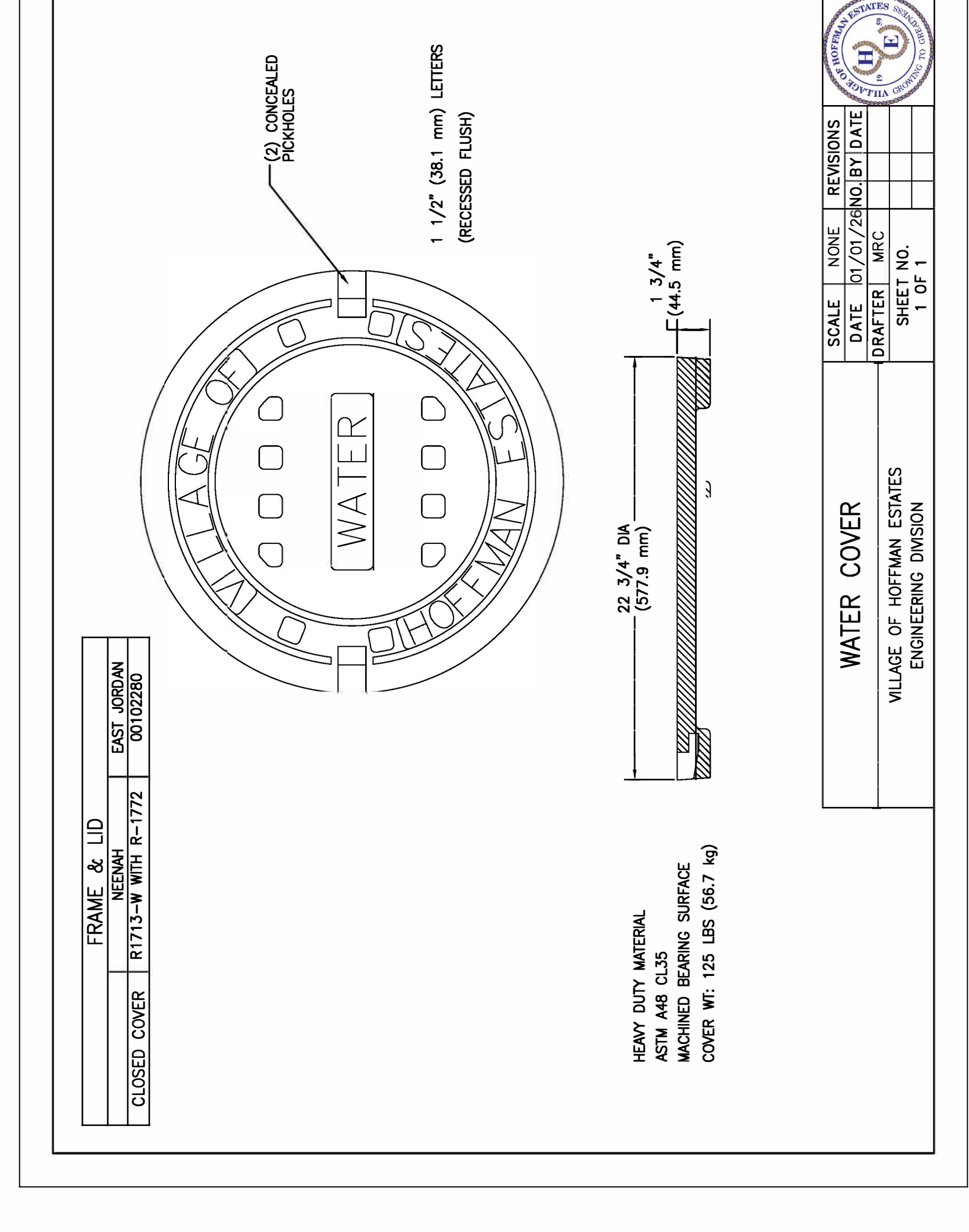
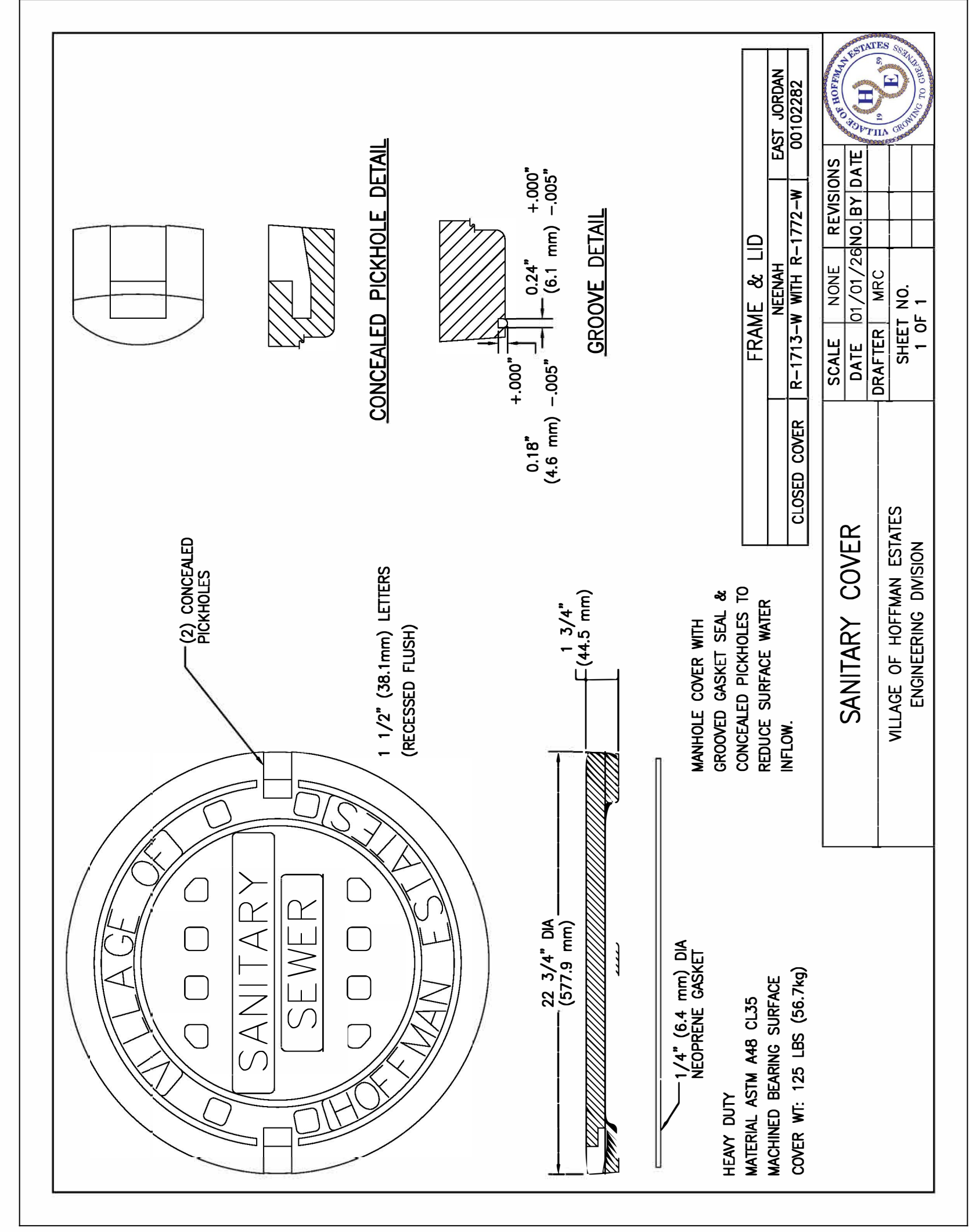
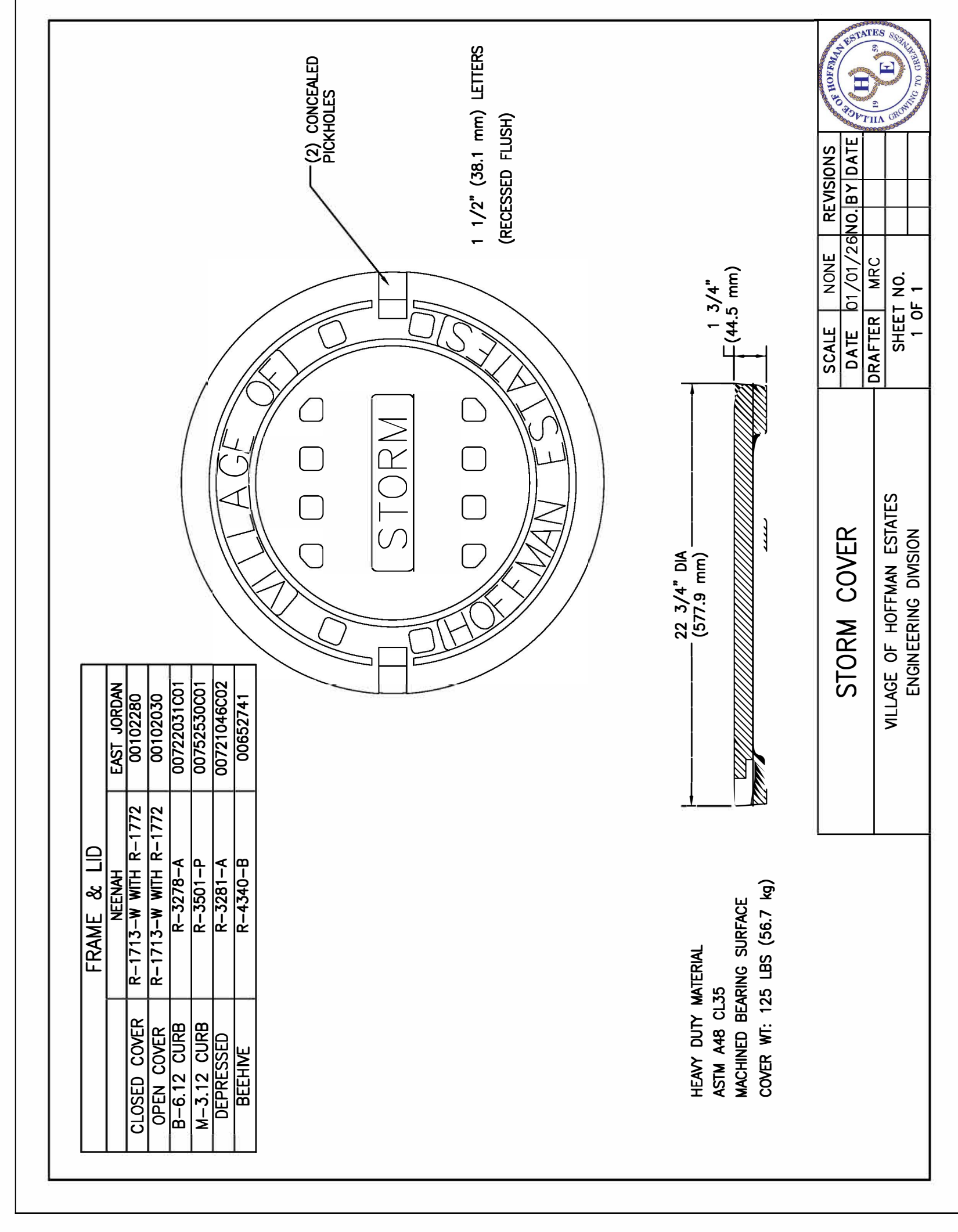
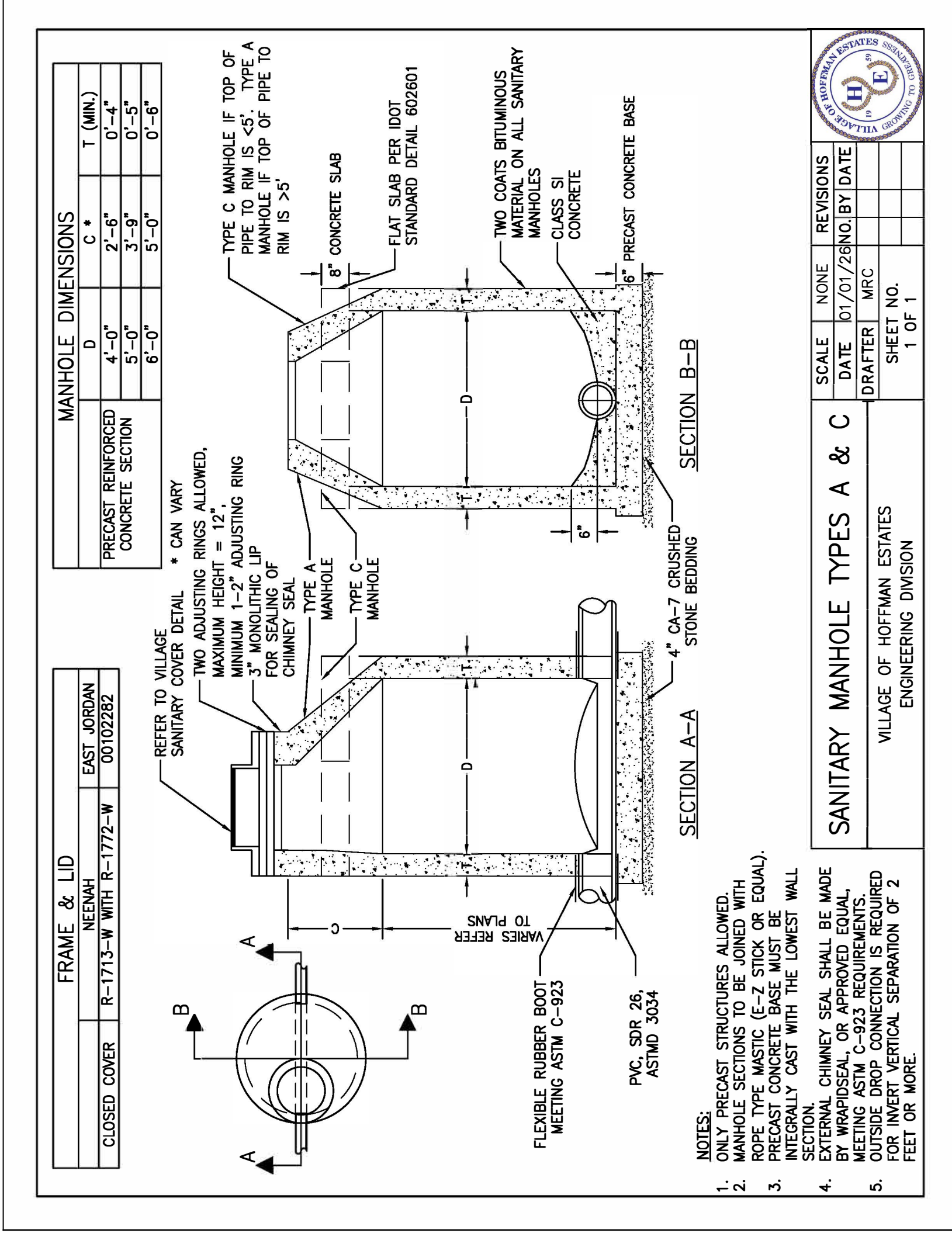
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -



VILLAGE OF HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Sidewalk Improvement Project
VOHE Details

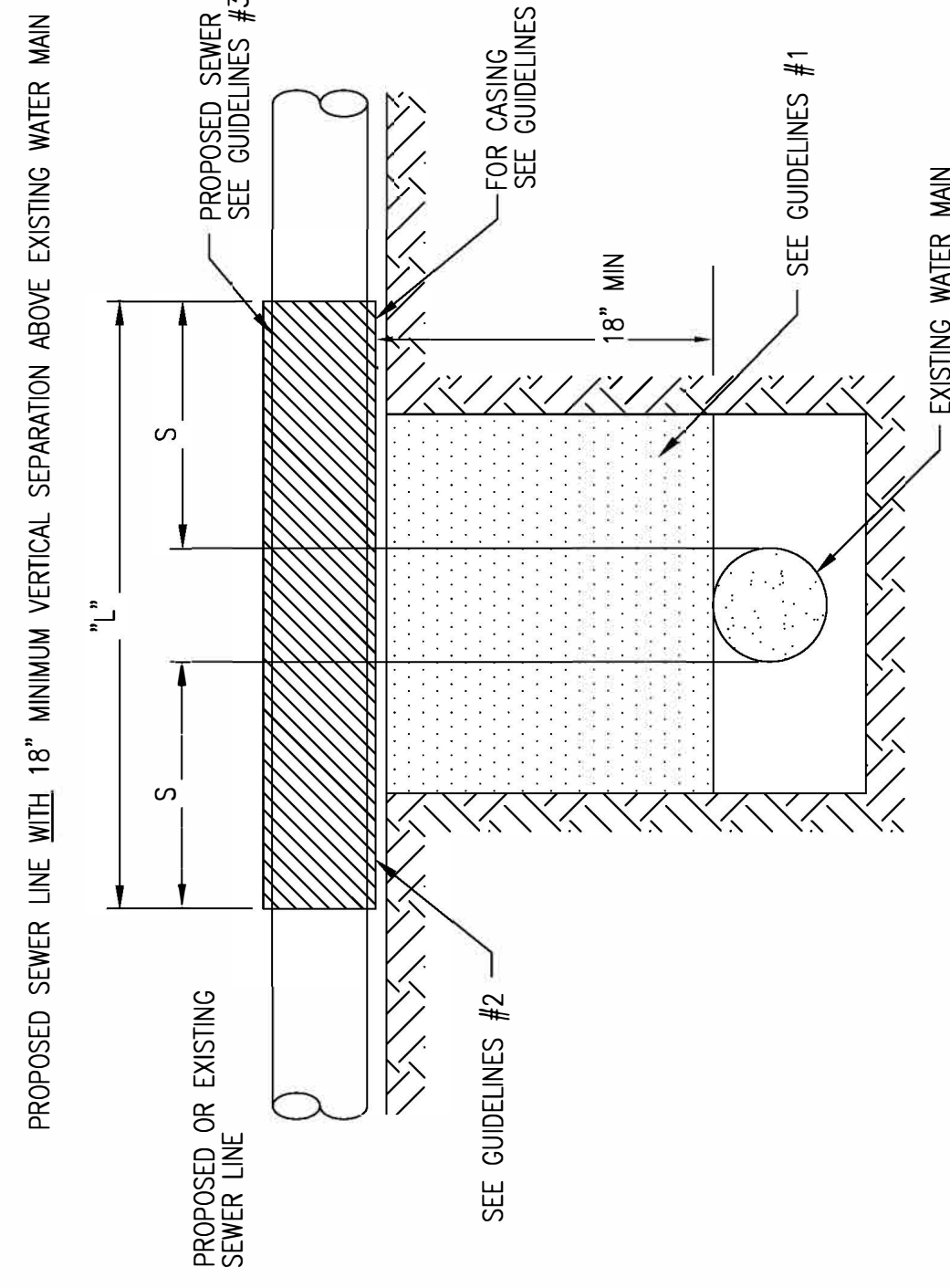
F.A.U. RTE.	SECTION	TOTAL SHEET SHEETS
	26703	
COUNTY	CONTRACT NO.	
Cook		
SCALE: NTS	SHEET NO. 3 OF 8 SHEETS	ILLINOIS



DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

SCALE: NTS	SHEET NO. 4 OF 8 SHEETS	ILLINOIS
2026 Sidewalk Improvement Project VOHE Details		
SECTION	28703	COUNTY
CONTRACT NO.		Cook
TOTAL SHEET SHEETS NO.		

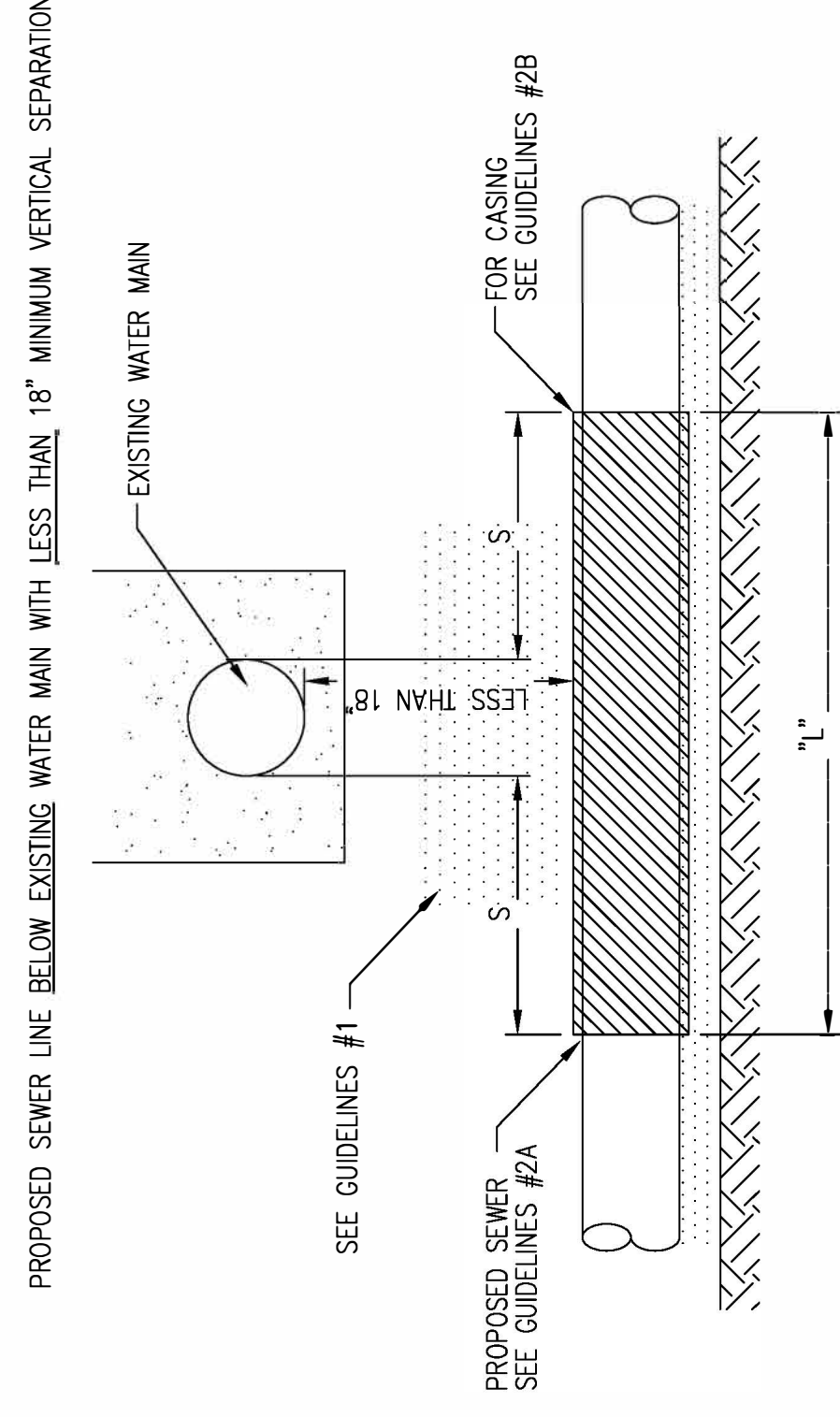


GUIDELINES

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 EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF SEWER AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L" FEET.
3. A) CONSTRUCT "L" FEET OF PROPOSED SEWER OF WATER MAIN MATERIAL AND PRESSURE TEST, OR;
B) USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED SEWER AND SEAL ENDS OF CASING.

NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING WATER MAIN

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

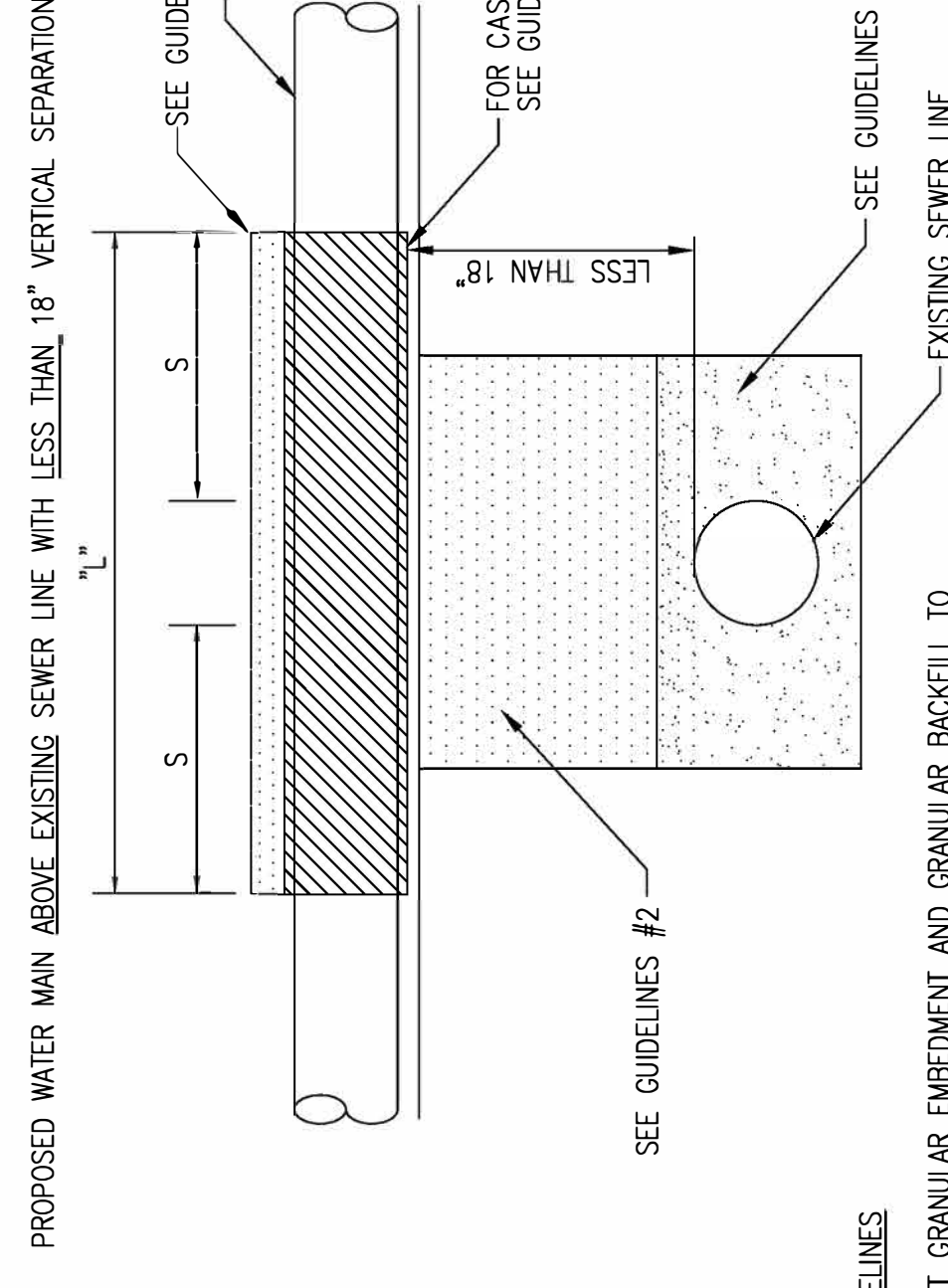


GUIDELINES

1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF SEWER AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT FOR "S" FEET ON EACH SIDE OF WATER MAIN.
2. A) CONSTRUCT "L" FEET OF PROPOSED SEWER OF WATER MAIN MATERIAL AND PRESSURE TEST, OR;
B) USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED SEWER AND SEAL ENDS OF CASING.
3. PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH

NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING WATER MAIN

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.



GUIDELINES

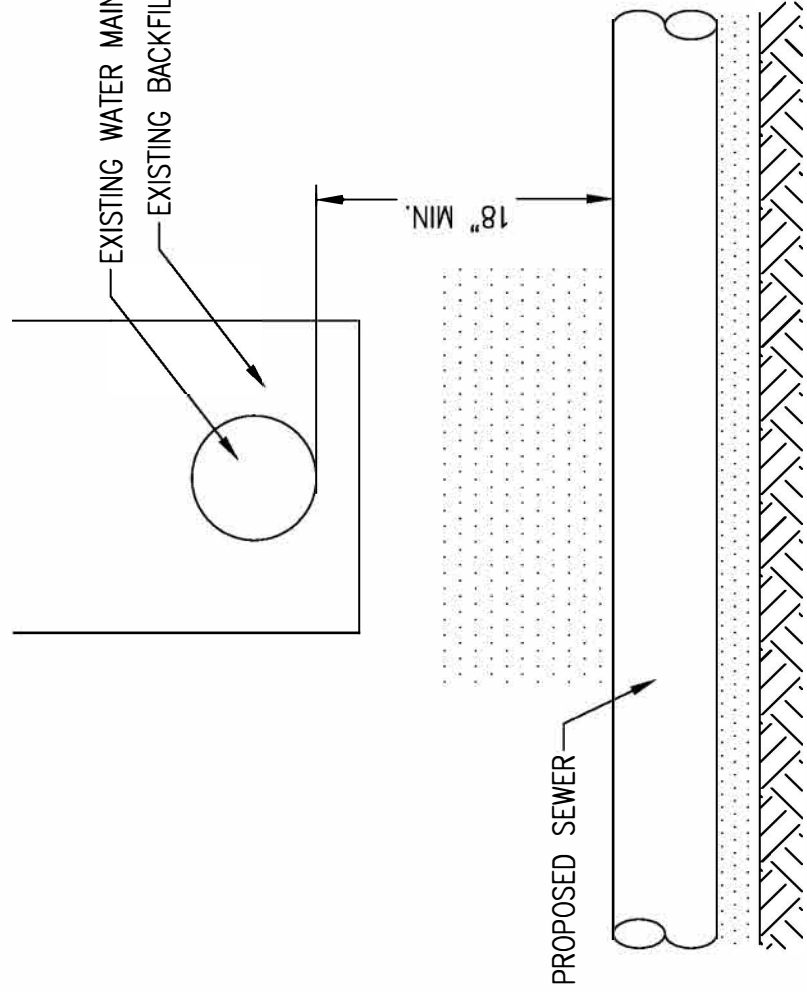
1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L".
2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
3. USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.
4. POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN CASING AND SEWER

NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING SEWER LINE.

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PER IEPA, WHEN PROPOSED SEWER (OR WATER) IS LOCATED 10 FEET OR MORE FROM EXISTING WATER (OR SEWER), NO SPECIAL CONSTRUCTION REQUIRED

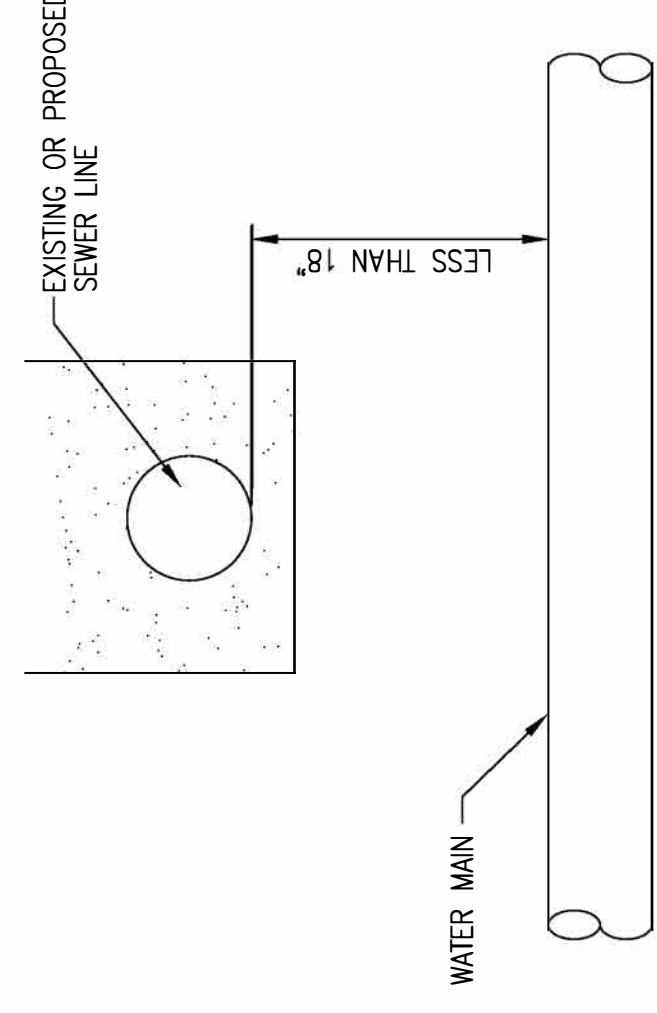
PROPOSED SEWER LINE BELOW EXISTING WATER MAIN WITH 18" MINIMUM VERTICAL SEPARATION



GUIDELINES

1. PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.
- *BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PLACEMENT OF WATER MAIN BELOW EXISTING OR PROPOSED SEWER LINE WITH LESS THAN 18" MINIMUM VERTICAL SEPARATION. NOT ALLOWED.



NOT ALLOWED*

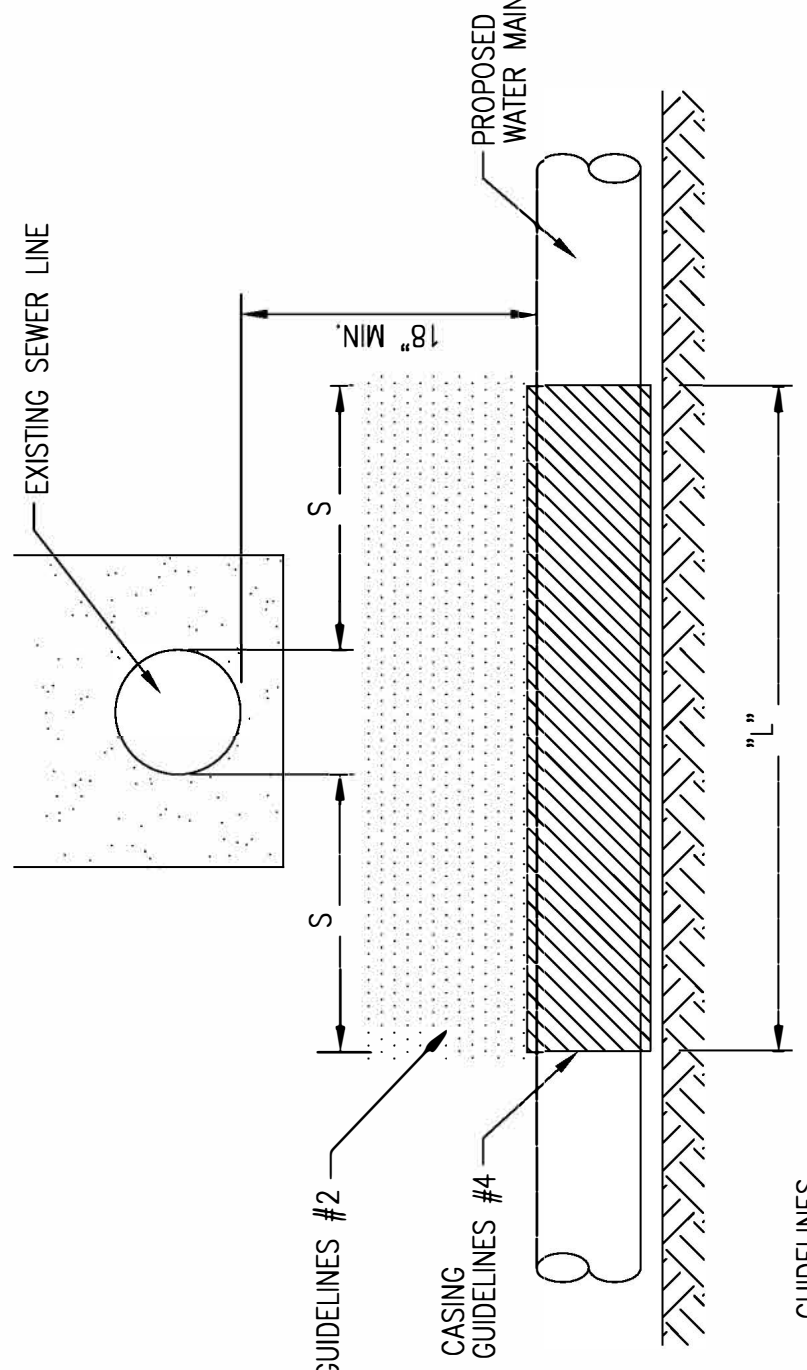
MUST MAINTAIN 18" VERTICAL SEPARATION

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PROPOSED WATER MAIN BELOW EXISTING SEWER LINE WITH 18" MINIMUM VERTICAL SEPARATION

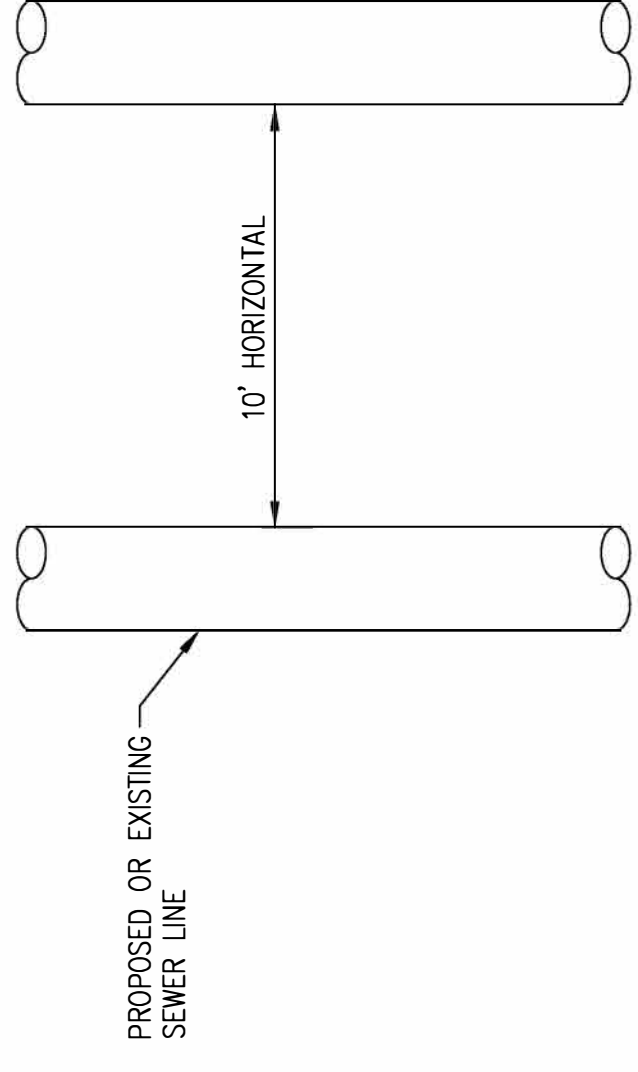
NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING SEWER LINE

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.



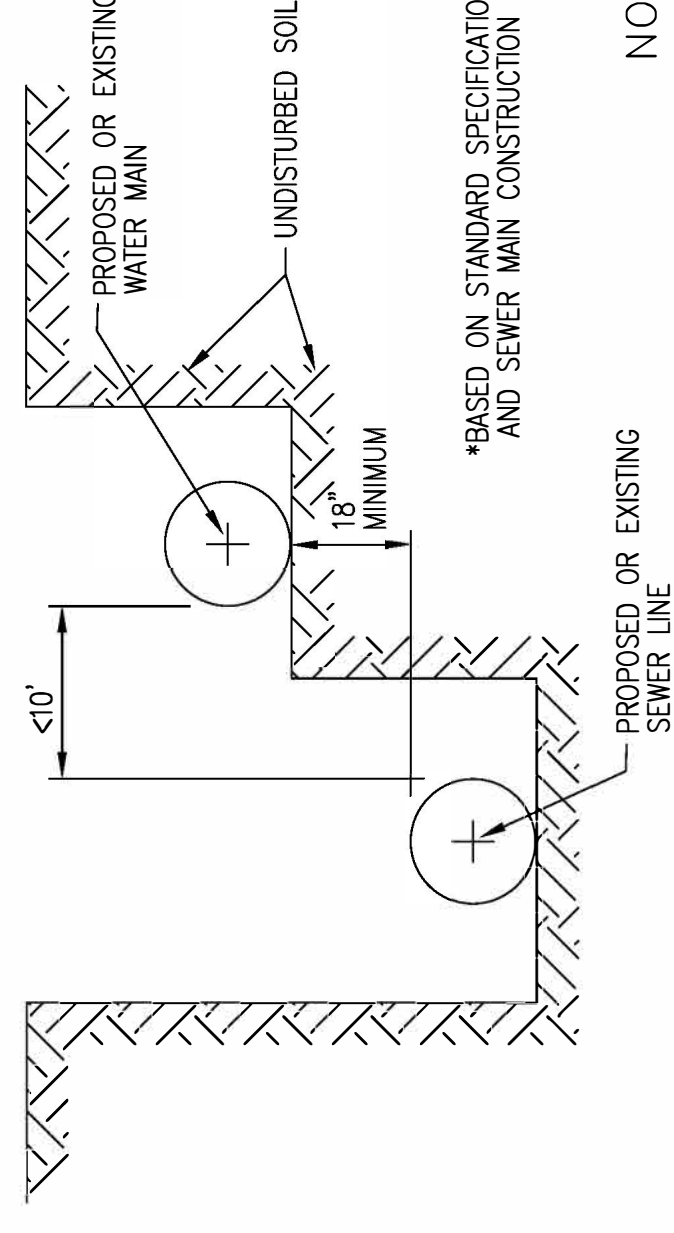
GUIDELINES

1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L".
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.
4. USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.



PLAN VIEW

PER IEPA, WHEN PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 10 FEET FROM EXISTING WATER (OR SEWER), DETAILS BELOW SHALL APPLY



*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PROPOSED OR EXISTING SEWER LINE

NOT TO SCALE

TECHNICAL GUIDANCE MANUAL

WATER AND SEWER SEPARATION REQUIREMENTS (PER IEPA)

7/1/15

STD. DWG. NO. 41

PAGE NO. 42

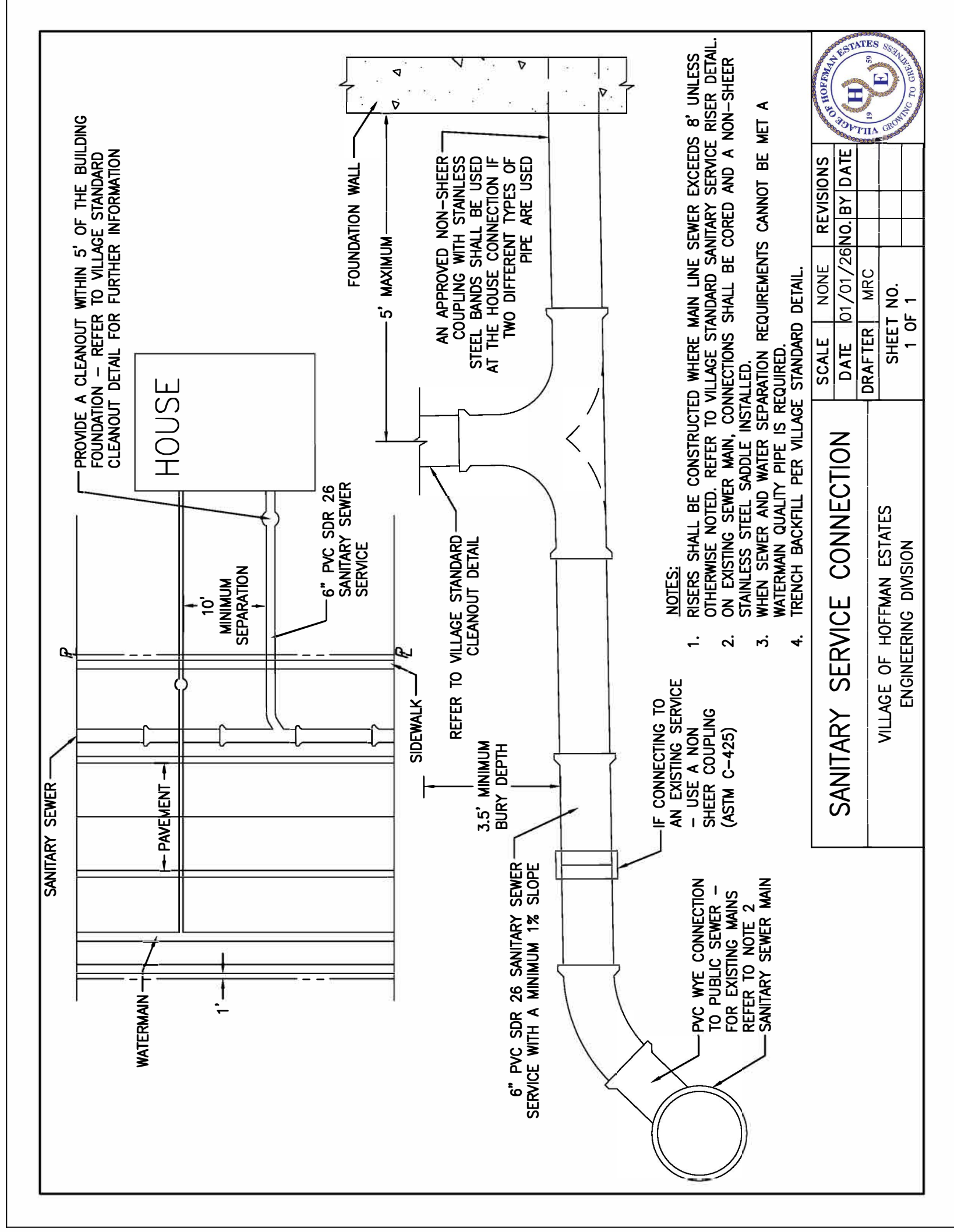
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Sidewalk Improvement Project
VOHE Details

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS
	26703	Cook	
SCALE: NTS			ILLINOIS
SHEET NO. 5 OF 8 SHEETS			CONTRACT NO.



NOTES:

1. RISERS SHALL BE CONSTRUCTED WHERE MAIN LINE SEWER EXCEEDS 8' UNLESS OTHERWISE NOTED. REFER TO VILLAGE STANDARD SANITARY SERVICE RISER DETAIL.
2. ON EXISTING SEWER MAIN, CONNECTIONS SHALL BE CORED AND A NON-SHEER STAINLESS STEEL SADDLE INSTALLED.
3. WATERMAIN QUALITY PIPE IS REQUIRED.
4. TRENCH BACKFILL PER VILLAGE STANDARD DETAIL.

IF CONNECTING TO AN EXISTING SERVICE - USE A NON-SHEER COUPLING (ASTM C-425)

PVC WYE CONNECTION TO PUBLIC SEWER - REFER TO NOTE 2

IF CONNECTING TO AN EXISTING SERVICE - USE A NON-SHEER COUPLING (ASTM C-425)

AN APPROVED NON-SHEER COUPLING WITH STAINLESS STEEL BANDS SHALL BE USED AT THE HOUSE CONNECTION IF TWO DIFFERENT TYPES OF PIPE ARE USED

3.5" MINIMUM BURY DEPTH

REFER TO VILLAGE STANDARD CLEANOUT DETAIL

6" PVC SDR 26 SANITARY SEWER SERVICE WITH A MINIMUM 1% SLOPE

6" PVC SDR 26 SANITARY SEWER SERVICE

10' MINIMUM SEPARATION

FOUNDATION WALL

5' MAXIMUM

PROVIDE A CLEANOUT WITHIN 5' OF THE BUILDING FOUNDATION. REFER TO VILLAGE STANDARD CLEANOUT DETAIL FOR FURTHER INFORMATION

HOUSE

WATERMAIN

1'

SANITARY SEWER

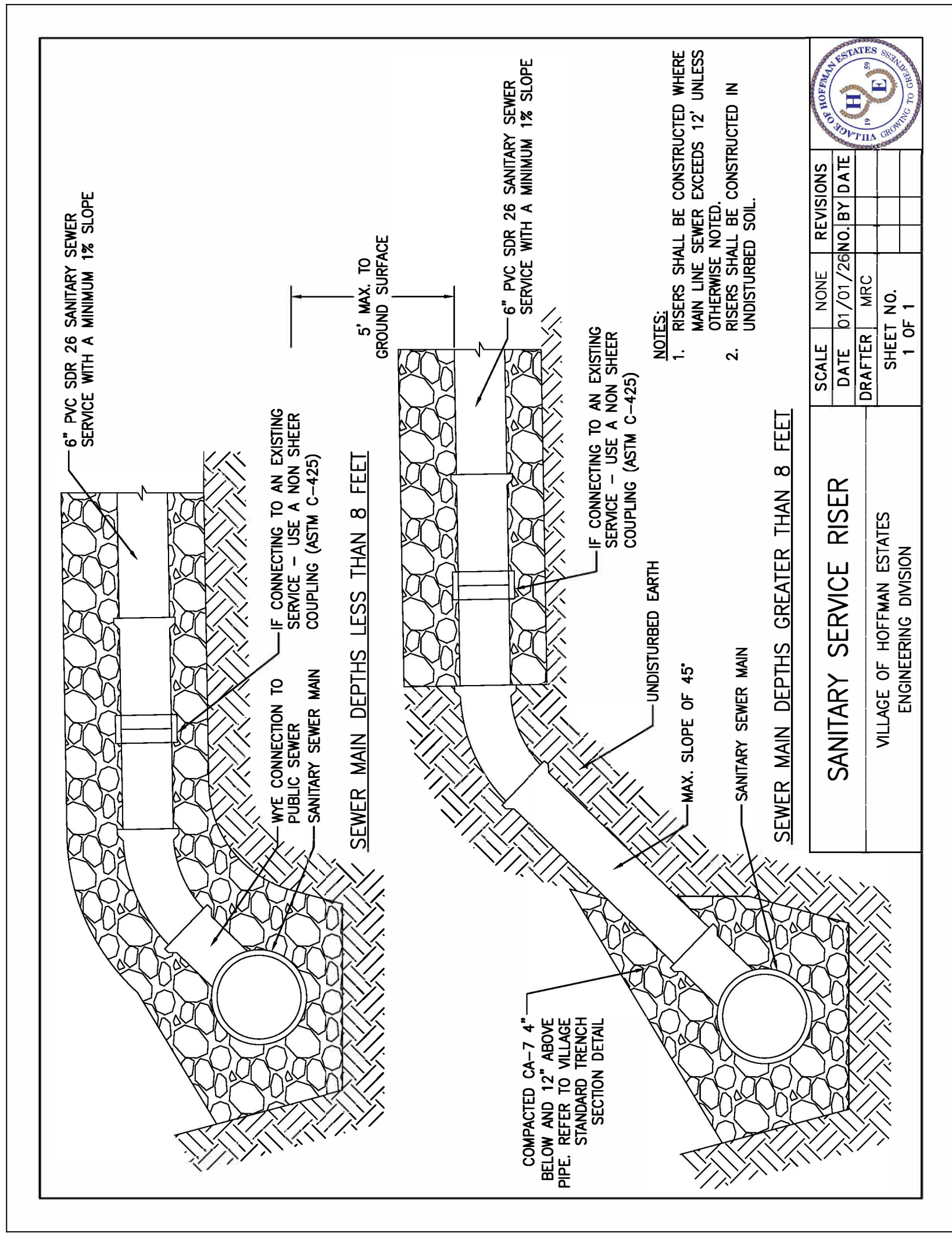
SANITARY SEWER

6" PVC SDR 26 SANITARY SEWER SERVICE WITH A MINIMUM 1% SLOPE

SCALE		NONE	REVISIONS		
DATE		01/01/26	NO.	BY	DATE
DRAFTER		MRC	SHEET NO.		
			1 OF 1		

SANITARY SERVICE CONNECTION

VILLAGE OF HOFFMAN ESTATES
ENGINEERING DIVISION



NOTES:

1. RISERS SHALL BE CONSTRUCTED WHERE MAIN LINE SEWER EXCEEDS 12' UNLESS OTHERWISE NOTED.
2. RISERS SHALL BE CONSTRUCTED IN UNDISTURBED SOIL.

IF CONNECTING TO AN EXISTING SERVICE - USE A NON-SHEER COUPLING (ASTM C-425)

IF CONNECTING TO AN EXISTING SERVICE - USE A NON-SHEER COUPLING (ASTM C-425)

UNDISTURBED EARTH

MAX. SLOPE OF 45'

SANITARY SEWER MAIN

SEWER MAIN DEPTHS GREATER THAN 8 FEET

6" PVC SDR 26 SANITARY SEWER SERVICE WITH A MINIMUM 1% SLOPE

5' MAX. TO GROUND SURFACE

6" PVC SDR 26 SANITARY SEWER SERVICE WITH A MINIMUM 1% SLOPE

WYE CONNECTION TO PUBLIC SEWER - REFER TO NOTE 2

SANITARY SEWER MAIN

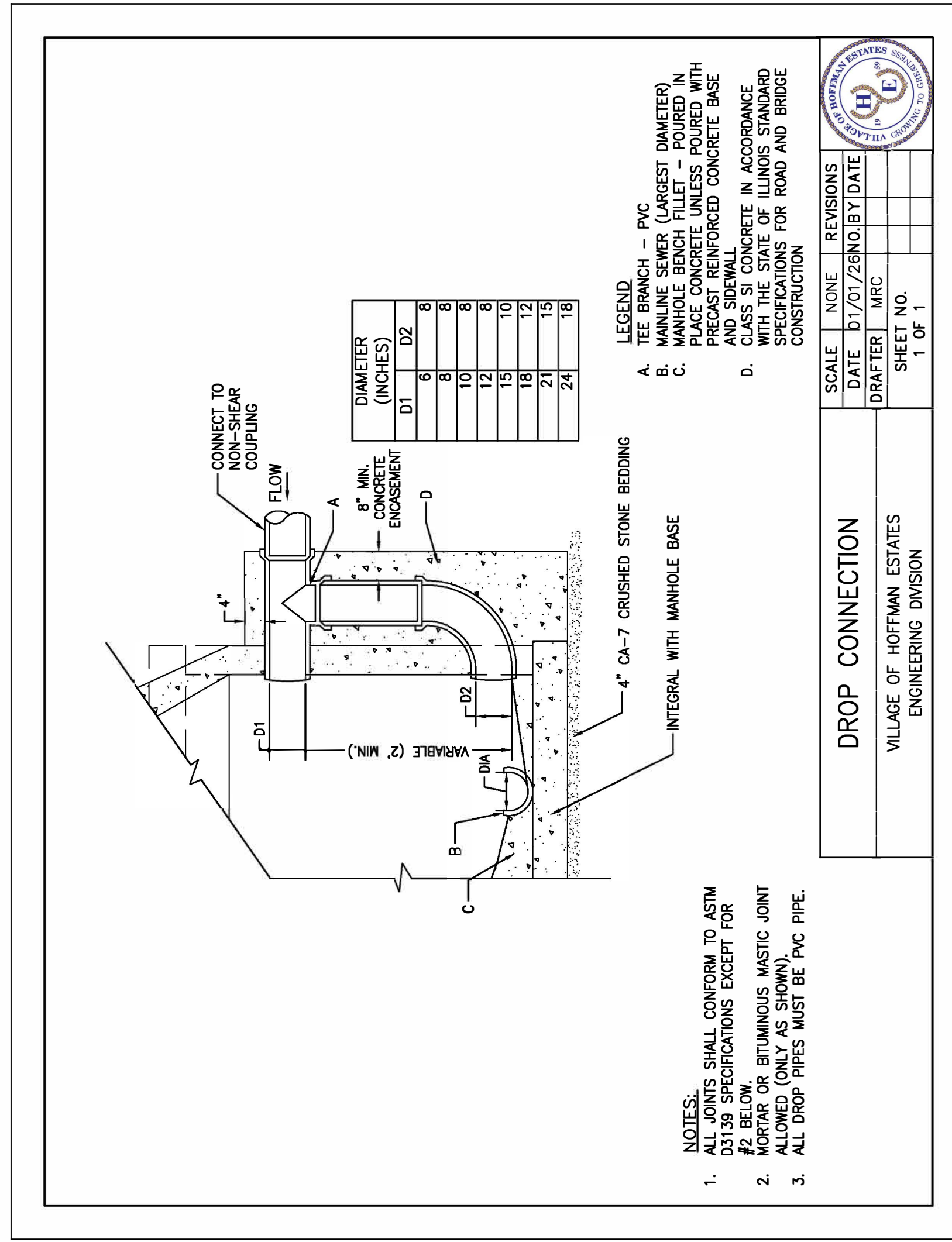
IF CONNECTING TO AN EXISTING SERVICE - USE A NON-SHEER COUPLING (ASTM C-425)

COMPACTED CA-7, 4" REINFORCED 12" CONCRETE STANDARD TRENCH SECTION DETAIL

SCALE		NONE	REVISIONS		
DATE		01/01/26	NO.	BY	DATE
DRAFTER		MRC	SHEET NO.		
			1 OF 1		

SANITARY SERVICE RISER

VILLAGE OF HOFFMAN ESTATES
ENGINEERING DIVISION



NOTES:

1. ALL JOINTS SHALL CONFORM TO ASTM D3138 SPECIFICATIONS EXCEPT FOR #2 BELOW.
2. MORTAR OR BITUMINOUS MASTIC JOINT ALLOWED AS LONG AS ALL JOINTS FOR ROAD AND BRIDGE CONSTRUCTION.
3. ALL DROP PIPES MUST BE PVC PIPE.

LEGEND

- A. THE BRANCH - PVC
- B. MAINLINE SEWER (LARGEST DIAMETER)
- C. MANHOLE BENCH FILLET - POURED IN PLACE CONCRETE UNLESS POURED WITH PRECAST REINFORCED CONCRETE BASE AND SIDEWALL
- D. CLASS II CONCRETE IN ACCORDANCE WITH THE STATE OF ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION

DIAMETER (INCHES)

D1	D2	B	B
6	8	8	8
10	10	8	8
12	12	8	8
15	15	10	10
18	18	10	10
21	21	12	12
24	24	15	15
		18	18

CONNECT TO NON-SHEAR COUPLING

FLOW

DI

D2

DA

8" MIN. CONCRETE ENGAGEMENT

4" CA-7 CRUSHED STONE BEDDING

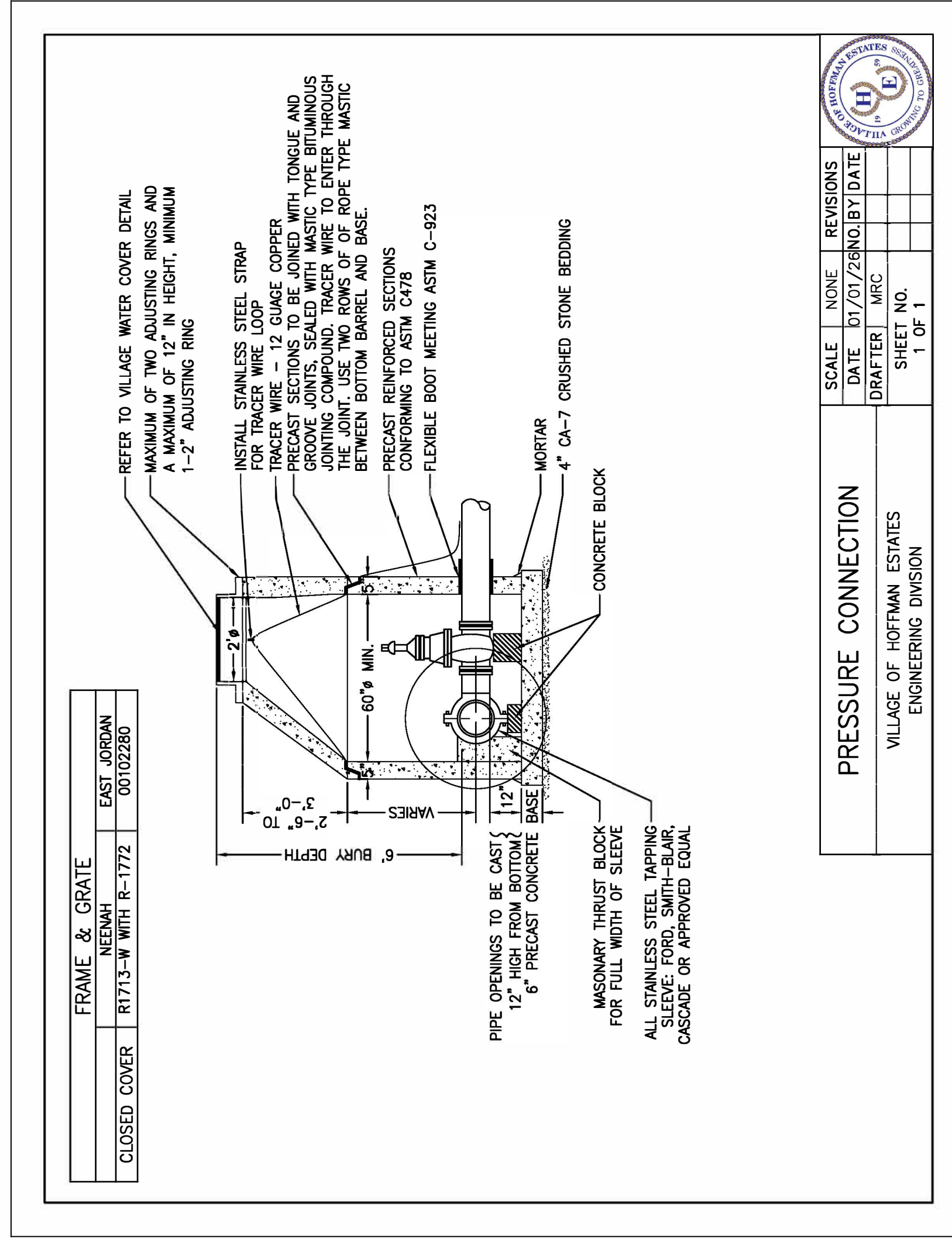
INTEGRAL WITH MANHOLE BASE

3.5" MINIMUM BURY DEPTH

SCALE		NONE	REVISIONS		
DATE		01/01/26	NO.	BY	DATE
DRAFTER		MRC	SHEET NO.		
			1 OF 1		

DROP CONNECTION

VILLAGE OF HOFFMAN ESTATES
ENGINEERING DIVISION



FRAME & GRATE		EAST JORDAN	
CLOSED COVER		NEEMAH	
		R1713-W WITH R-1772	
		00102280	

REFER TO VILLAGE WATER COVER DETAIL

MAXIMUM OF TWO ADJUSTING RINGS AND A MAXIMUM OF 12" IN HEIGHT, MINIMUM 1-2" ADJUSTING RING

INSTALL STAINLESS STEEL STRAP FOR TRACER WIRE LOOP

TRACER WIRE - 12 GAUGE COPPER

PRECAST SECTIONS TO BE JOINED WITH TONGUE AND GROOVE JOINTS. TRACER WIRE TO ENTER THROUGH JOINTING COMPOUND TRACER WIRE TO ENTER THROUGH THE JOINT. USE TWO ROWS OF ROPE TYPE MASTIC BETWEEN BOTTOM BARREL AND BASE.

PRECAST REINFORCED SECTIONS CONFORMING TO ASTM C-478

FLEXIBLE BOOT MEETING ASTM C-923

PIPE OPENINGS TO BE CAST 12" HIGH FROM BOTTOM OF 6" PRECAST CONCRETE BASE

MORTAR

4" CA-7 CRUSHED STONE BEDDING

CONCRETE BLOCK

MASONRY THRUST BLOCK FOR FULL WIDTH OF SLEEVE

ALL STAINLESS STEEL TAPPING SLEEVE FORD, SMITH-BLAIR, CASCADE OR APPROVED EQUAL

6" BURY DEPTH

VARIES

2'-6" TO 2'-10"

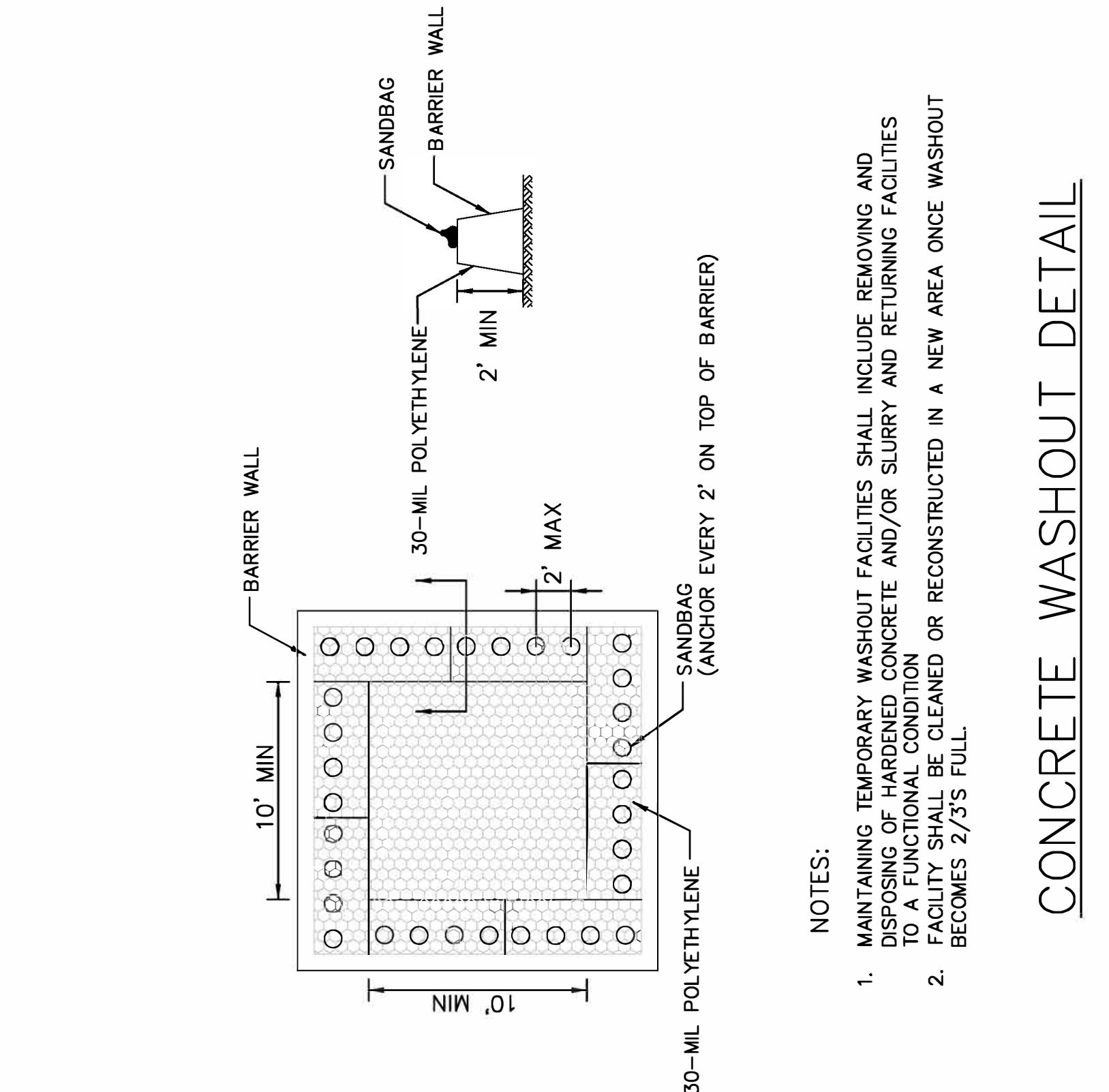
60" MIN.

2'-6" TO 2'-10"

SCALE		NONE	REVISIONS		
DATE		01/01/26	NO.	BY	DATE
DRAFTER		MRC	SHEET NO.		
			1 OF 1		

PRESSURE CONNECTION

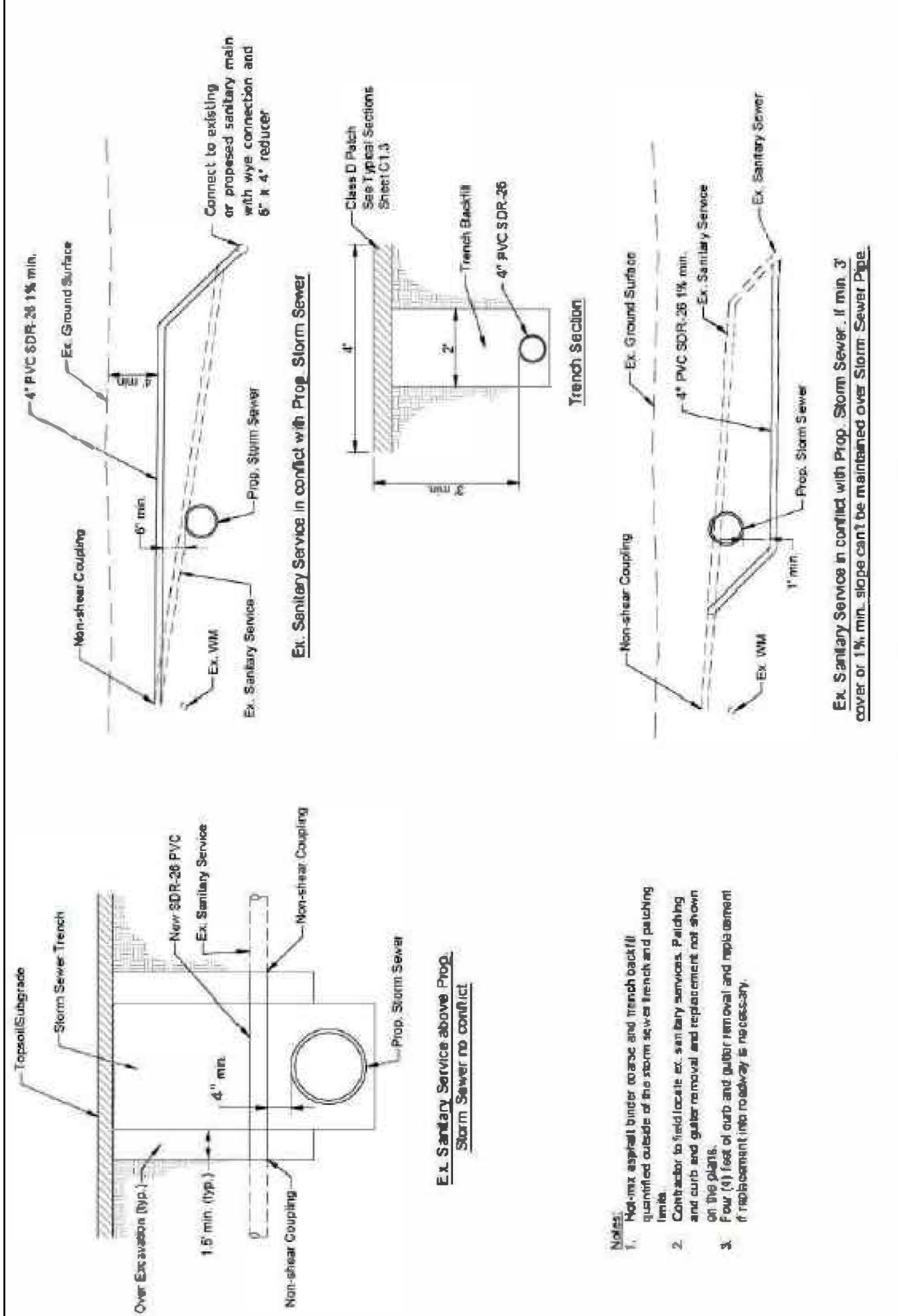
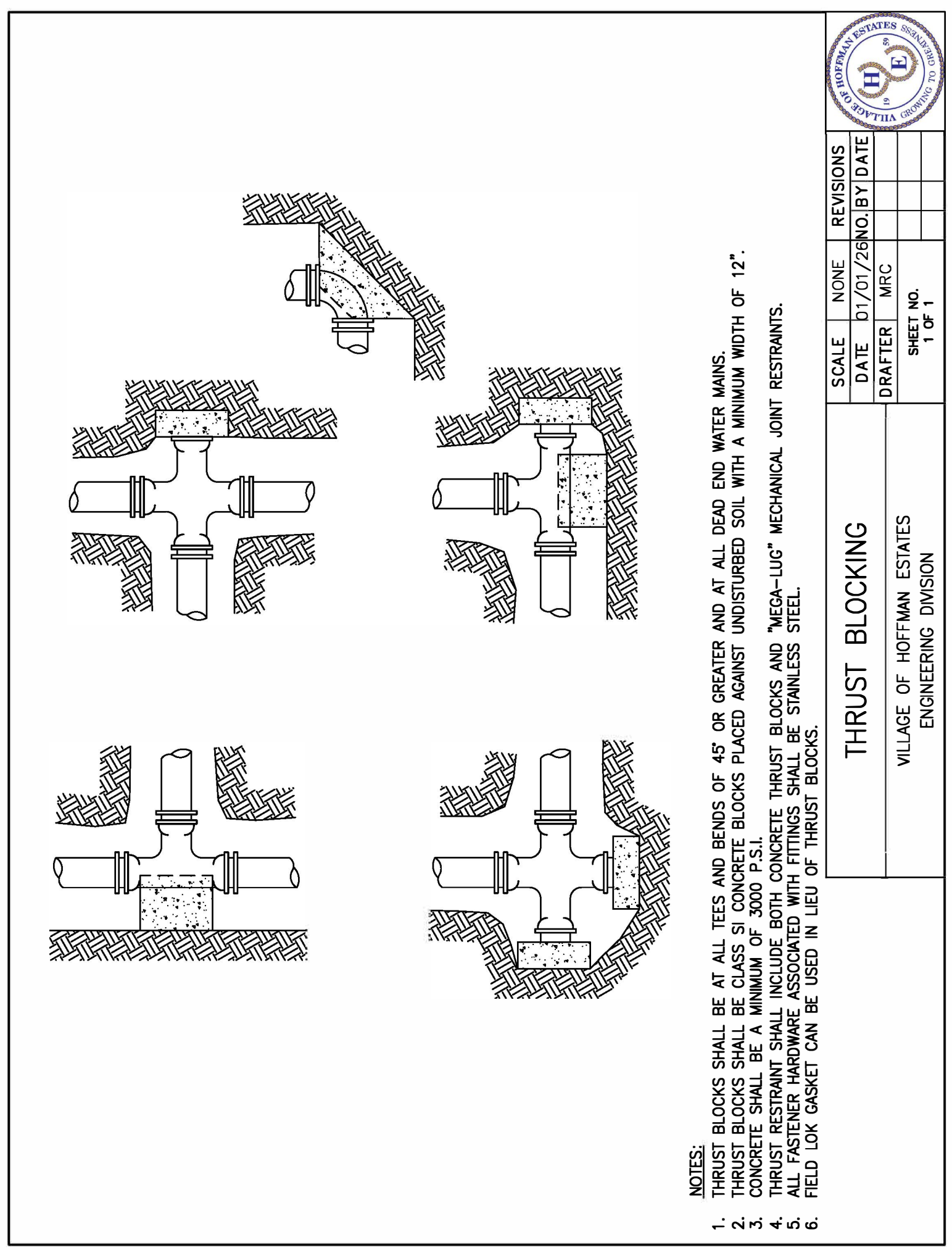
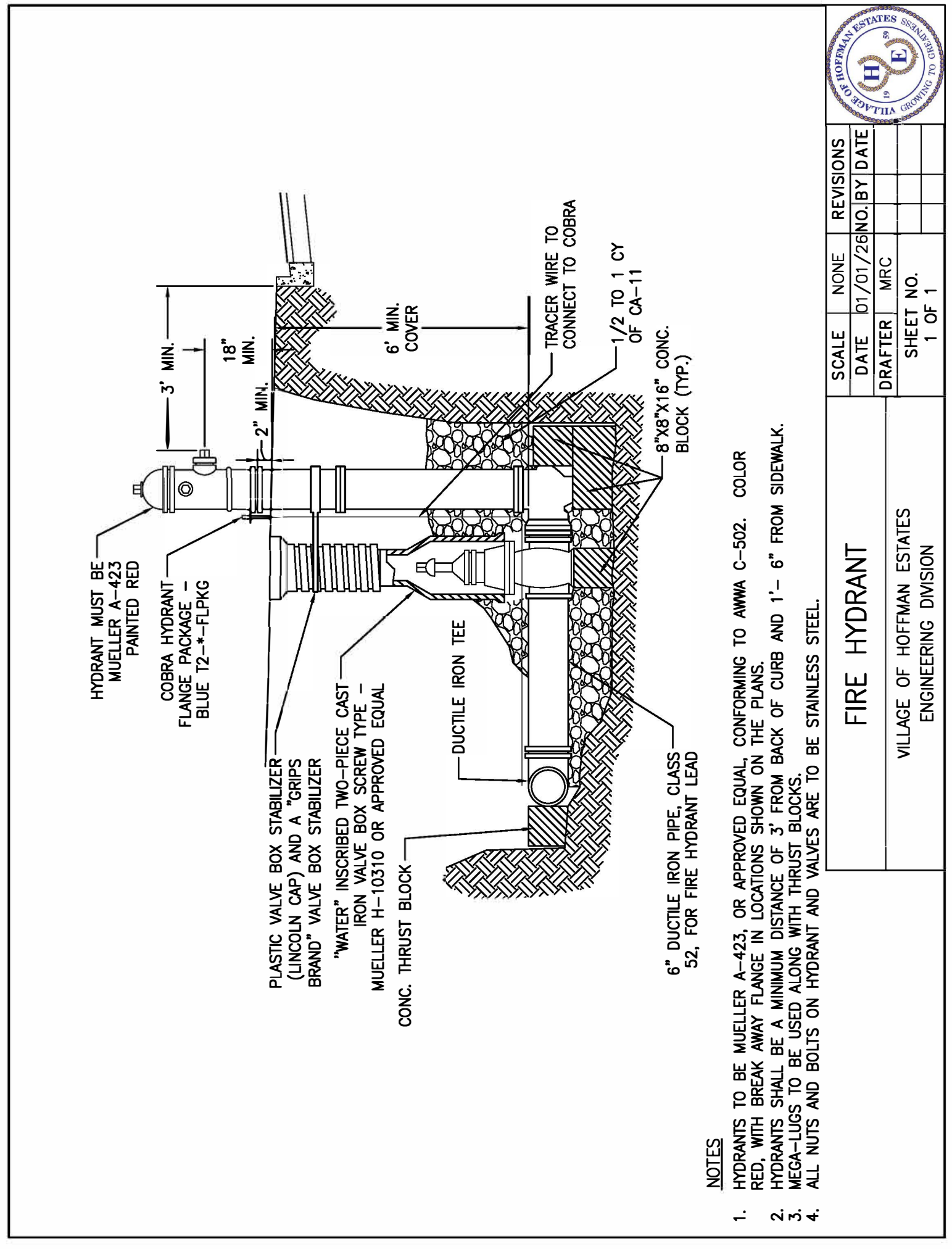
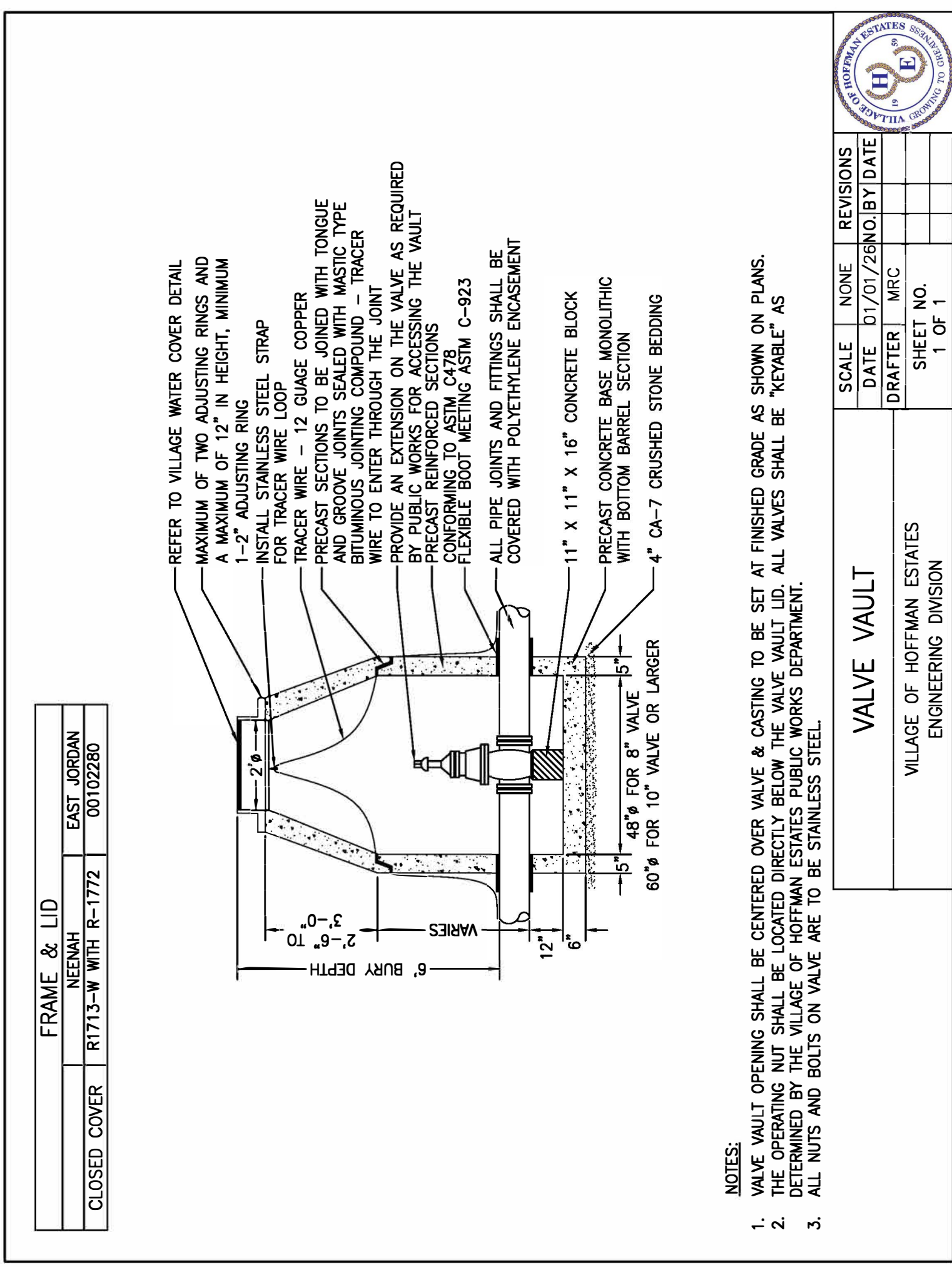
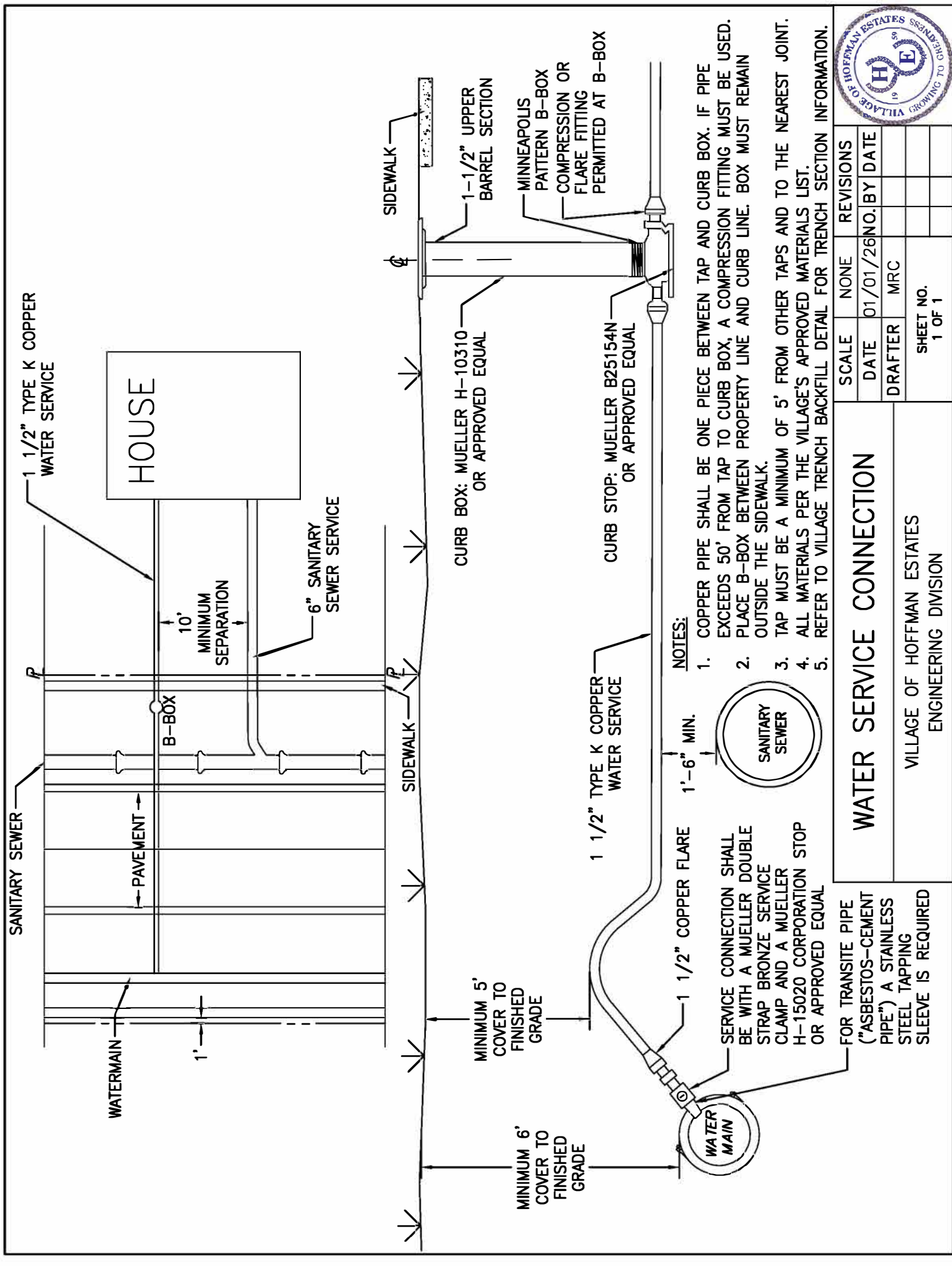
VILLAGE OF HOFFMAN ESTATES
ENGINEERING DIVISION



NOTES:

1. MAINTAINING TEMPORARY WASHOUT FACILITIES SHALL INCLUDE REMOVING AND DISPOSING OF HARDENED CONCRETE AND/OR SLURRY AND RETURNING FACILITIES TO A FUNCTIONAL CONDITION
2. FACILITY SHALL BE CLEANED OR RECONSTRUCTED IN A NEW AREA ONCE WASHOUT BECOMES 2/3'S FULL

CONCRETE WASHOUT DETAIL



THRUST RESTRAINT TABLE

TYPE	6"	8"
Horizontal Bend, 11.25°	1	2
Horizontal Bend, 22.5°	2	3
Horizontal Bend, 45°	4	6
Horizontal Bend, 90°	10	13
Vertical Up Bend, 11.25°	1	2
Vertical Up Bend, 22.5°	2	3
Vertical Up Bend, 45°	4	6
Vertical Up Bend, 90°	10	13
Vertical Down Bend, 11.25°	3	3
Vertical Down Bend, 22.5°	5	6
Vertical Down Bend, 45°	9	12
Vertical Down Bend, 90°	22	29
Tee 8" Equal	-	14.1
Tee 8"R x 6"B	-	10.7
Reducer 8" x 6"	5.9	7.7
Dead End and Valve	11	15

Notes:
 1. Lengths in feet per DIPRA thrust restraint design (Soil = Clay 1, Lay Condition = 4, Pressure = 58 psi, SF = 1.5).
 2. Bend lengths required on both sides of fitting.
 3. Tee lengths required on tee branch.
 4. Reducer lengths required on larger pipe.

SANITARY SERVICE SEWER REPLACEMENT DETAIL

THRUST BLOCKING

SCALE	NONE	REVISIONS
DATE	D1/01/26	NO. BY DATE
DRAFTER	MRC	
SHEET NO.	1	OF 1
VILLAGE OF HOFFMAN ESTATES ENGINEERING DIVISION		

VALVE VAULT

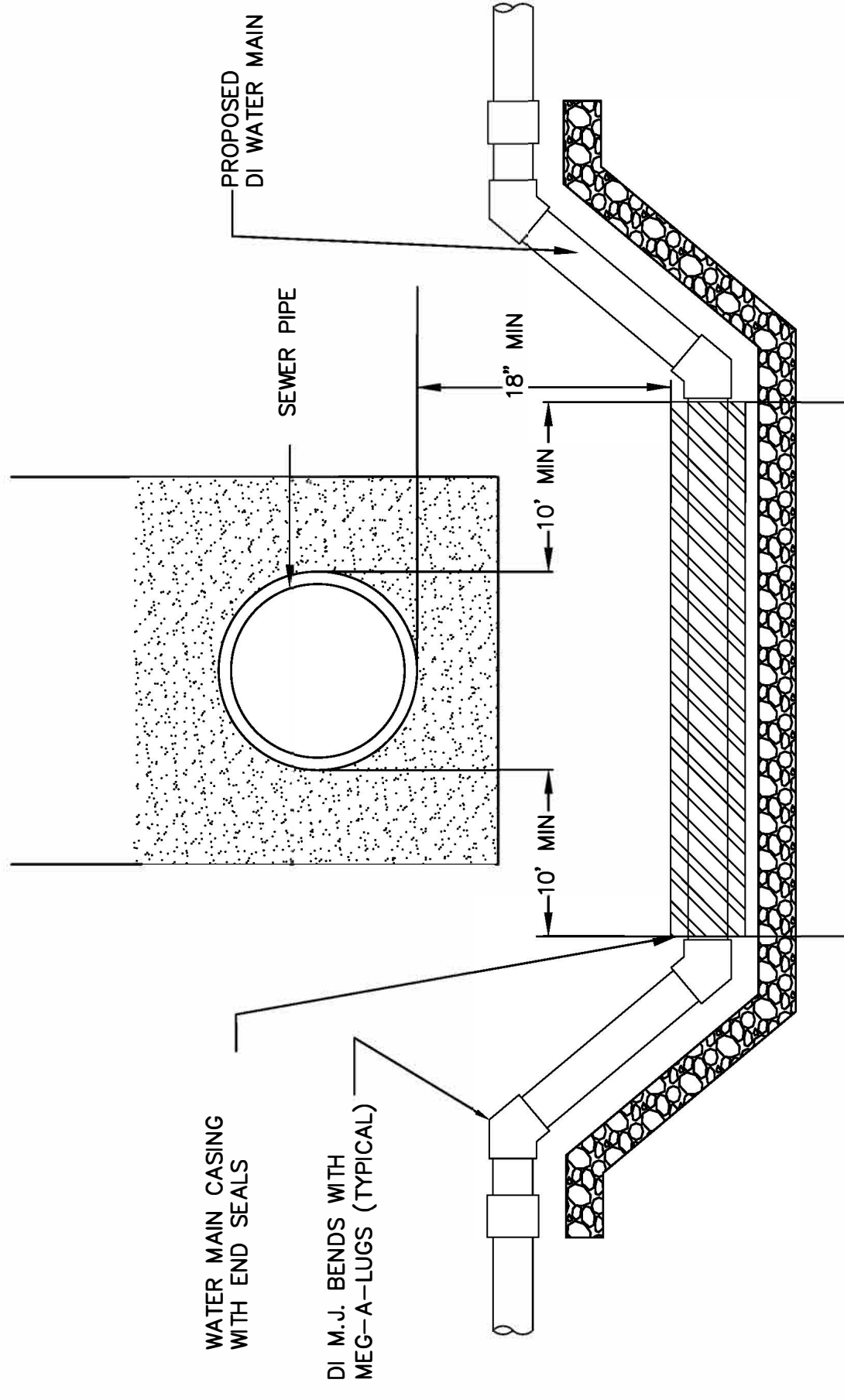
SCALE	NONE	REVISIONS
DATE	D1/01/26	NO. BY DATE
DRAFTER	MRC	
SHEET NO.	1	OF 1
VILLAGE OF HOFFMAN ESTATES ENGINEERING DIVISION		

FIRE HYDRANT

SCALE	NONE	REVISIONS
DATE	D1/01/26	NO. BY DATE
DRAFTER	MRC	
SHEET NO.	1	OF 1
VILLAGE OF HOFFMAN ESTATES ENGINEERING DIVISION		

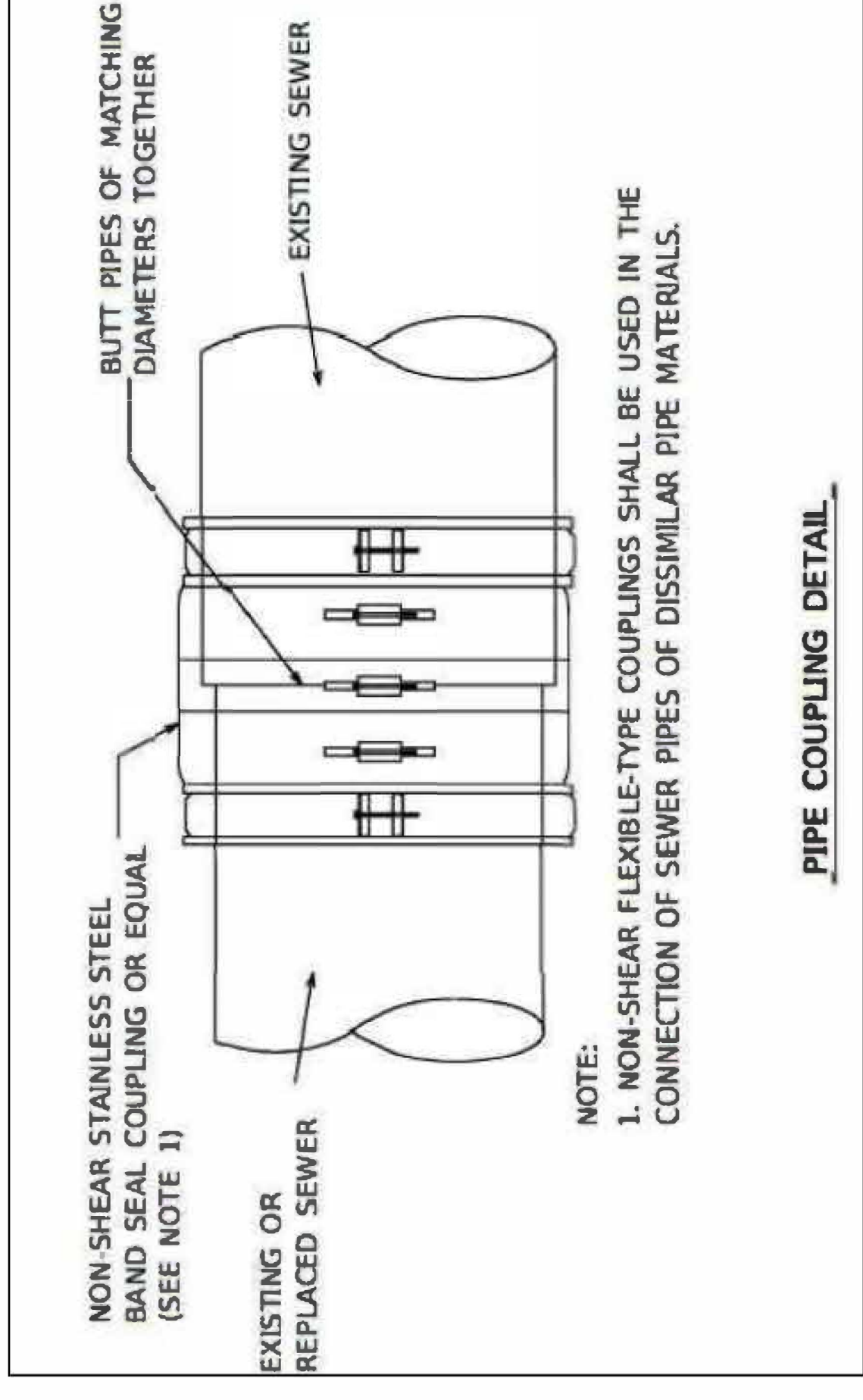
WATER SERVICE CONNECTION

SCALE	NONE	REVISIONS
DATE	D1/01/26	NO. BY DATE
DRAFTER	MRC	
SHEET NO.	1	OF 1
VILLAGE OF HOFFMAN ESTATES ENGINEERING DIVISION		

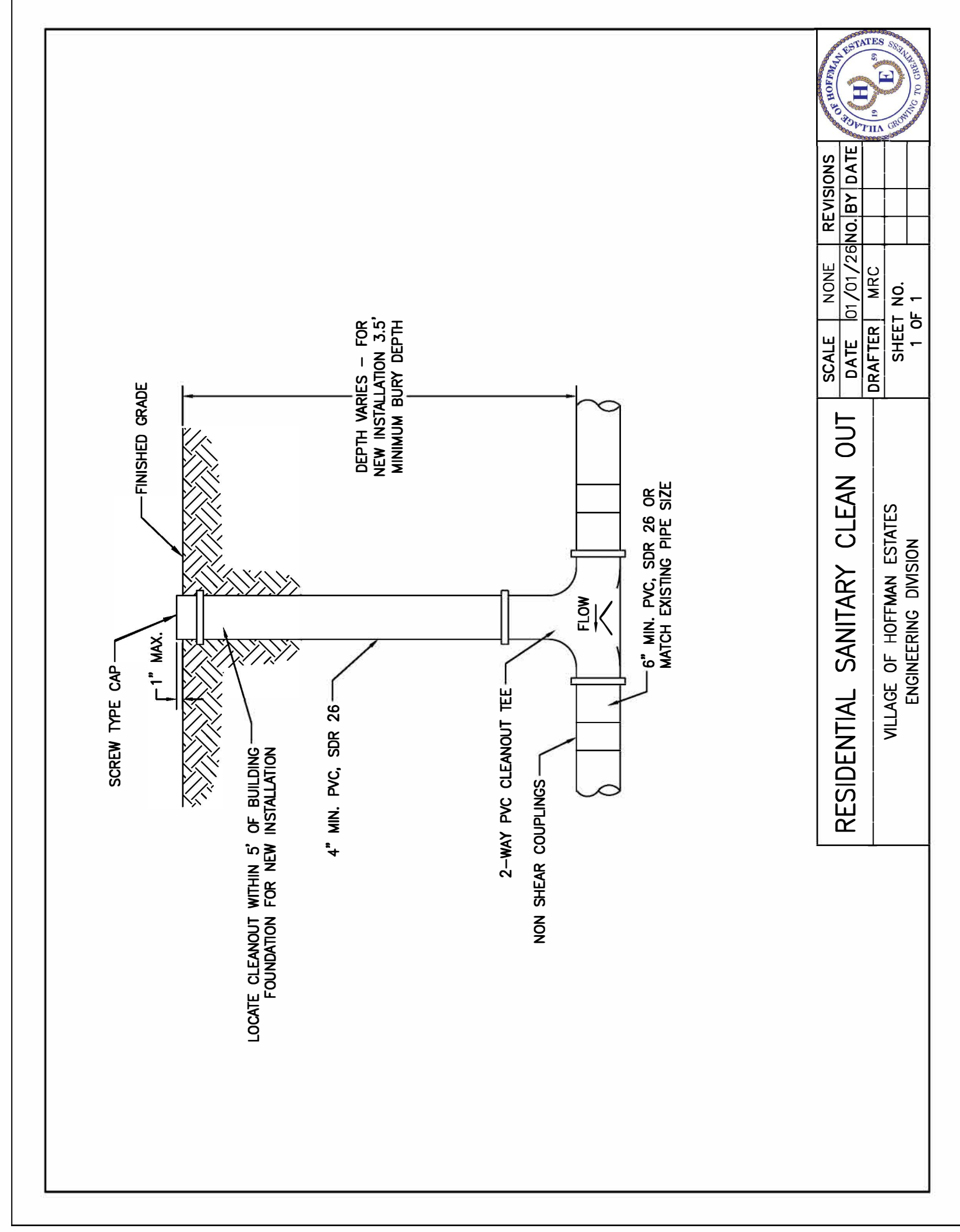


- NOTES:
1. ALL BELOW GRADE FASTENERS SHALL BE STAINLESS STEEL
 2. BOLTS: GRADE 304, NUTS AND WASHERS: GRADE 300
 3. WATER MAIN SHALL BE PLACED IN VIRGIN GROUND BENEATH PROPOSED UNDERCUT FOR STORM SEWER.

WATER MAIN ADJUSTMENT



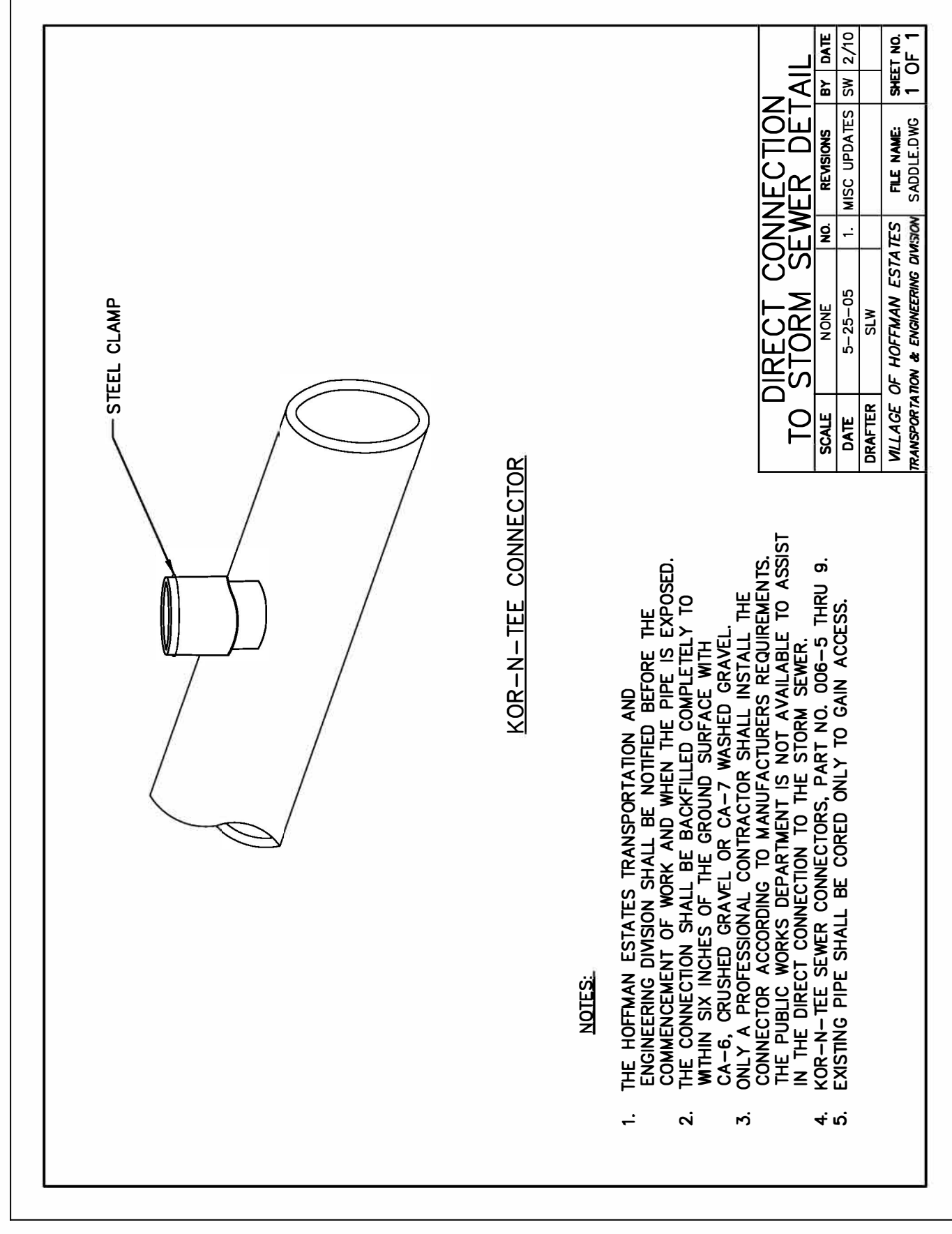
PIPE COUPLING DETAIL



RESIDENTIAL SANITARY CLEAN OUT

VILLAGE OF HOFFMAN ESTATES
ENGINEERING DIVISION

SCALE	NONE	REVISIONS
DATE	07/01/2005	BY DATE
DRAFTER	MRC	
SHEET NO.	1	OF 1



KOR-N-TEE CONNECTOR

- NOTES:
1. THE HOFFMAN ESTATES TRANSPORTATION AND ENGINEERING DIVISION SHALL BE NOTIFIED BEFORE THE COMMENCEMENT OF WORK AND WHEN THE PIPE IS EXPOSED.
 2. THE CONNECTION SHALL BE BACKFILLED COMPLETELY TO WITHIN SIX INCHES OF THE GROUND SURFACE WITH GRANULAR FILL.
 3. ONLY A PROFESSIONAL CONTRACTOR SHALL INSTALL THE CONNECTOR ACCORDING TO MANUFACTURERS REQUIREMENTS. THE PUBLIC WORKS DEPARTMENT IS NOT AVAILABLE TO ASSIST IN THE DIRECT CONNECTION TO THE STORM SEWER.
 4. KOR-N-TEE SEWER CONNECTORS, PART NO. 009-S THRU 9.
 5. EXISTING PIPE SHALL BE CORED ONLY TO GAIN ACCESS.

SCALE	NONE	REVISIONS	BY DATE
DATE	5-25-05	1. MISC. UPDATES	SW 2/7/0
DRAFTER	SLW		
FILE NAME:	VILLAGE OF HOFFMAN ESTATES TRANSPORTATION & ENGINEERING DIVISION SADDLELING 1 OF 1		

DESIGNED	---	REVISED	---
DRAWN	---	REVISED	---
CHECKED	---	REVISED	---
DATE	---	REVISED	---



VILLAGE OF HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

SCALE:	NTS	SHEET NO. 8	OF 8 SHEETS	ILLINOIS
F.A.U. RTE.		SECTION	26703	
COUNTY	Cook			
TOTAL SHEET SHEETS				
CONTRACT NO.				

2026 Sidewalk Improvement Project VOHE Details

Forms For Reference Only
(Not to be Returned with Submitted Bid)

Appendix A:

Sales Tax Exemption Number Authorization Form



VILLAGE OF HOFFMAN ESTATES
SALES TAX EXEMPTION NUMBER AUTHORIZATION FORM

The undersigned contractor hereby agrees to use the Village of Hoffman Estates sales tax exemption number only for purchases directly related to work being done on behalf of the Village. The undersigned also agrees to be responsible for any tax due for purchases determined to be non-exempt and for purchases not made on the Village's behalf.

It is understood that the exemption from tax in the case of the sales of articles is limited to the sales of articles purchased for the exclusive use of the Village and it is agreed that if articles purchased tax free are used otherwise or are sold to others, such fact will be reported to the State of Illinois Department of Revenue. It is also understood that the fraudulent use of the exemption number to secure exemptions will subject the undersigned and all guilty parties to a fine of not more than \$10,000 or to imprisonment for not more than five years or both, together with costs of prosecutions.

NAME OF PROJECT AND/OR CONTRACT NUMBER

COMPANY NAME

ADDRESS

CITY

ZIP CODE

PURCHASER NAME & TITLE (PLEASE PRINT)

SIGNATURE

DATE

Before a Tax Exemption Letter is issued to the contractor, this form and the materials and estimated quantities form must be returned to the appropriate Village personnel. After the completed forms have been received by the Village, a Tax Exempt Letter will be mailed to the contractor.

**VILLAGE OF HOFFMAN ESTATES
MATERIALS AND ESTIMATED QUANTITIES ATTACHMENT**

DESCRIPTION OF MATERIALS TO BE PURCHASED	ESTIMATED QUANTITY	NAME OF VENDOR SELLING MATERIALS	VENDOR PHONE NUMBER	VENDOR'S STREET ADDRESS	VENDOR'S CITY, STATE, AND ZIP CODE
1)					
2)					
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					

Forms For Reference Only
(Not to be Returned with Submitted Bid)

Appendix B:
Local Public Agency Formal Contract

Contractor's Name

Contractor's Address

City

State

Zip Code

STATE OF ILLINOIS

Local Public Agency

County

Section Number

Street Name/Road Name

Type of Funds

CONTRACT BOND (when required)

For a County and Road District Project

Submitted/Approved

Highway Commissioner Signature & Date

Submitted/Approved

County Engineer/Superintendent of Highways Signature & Date

For a Municipal Project

Submitted/Approved/Passed

Signature & Date

Official Title

Department of Transportation

Concurrence in approval of award

Regional Engineer Signature & Date

Local Public Agency	Local Street/Road Name	County	Section Number

1. THIS AGREEMENT, made and concluded the _____ day of _____ between the _____
of _____, known as the party of the first part, and _____,
Local Public Agency Contractor
its successor, and assigns, known as the party of the second part.

2. For and in consideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring this contract, the party of the second part agrees with said party of the first part, at its own proper cost and expense, to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this contract.

3. It is also understood and agreed that the LPA Formal Contract Proposal, Special Provisions, Affidavit of Illinois Business Office, Apprenticeship or Training Program Certification, and Contract Bond hereto attached, and the Plans for Section _____
in _____, approved by the Illinois Department of Transportation on _____, are essential
Local Public Agency Date
documents of this contract and are a part hereof.

4. IN WITNESS WHEREOF, the said parties have executed this contract on the date above mentioned.

Attest: The _____ of _____
Local Public Agency Type Name of Local Public Agency

Clerk Signature & Date

(SEAL, if required by the LPA)

Party of the First Part Signature & Date

By:

(If a Corporation)

Corporate Name

President, Party of the Second Part Signature & Date

By:

(If a Limited Liability Corporation)

LLC Name

Manager or Authorized Member, Party of the Second Part

By:

(If a Partnership)

Partner Signature & Date

Partner Signature & Date

Partners doing Business under the firm name of
Party of the Second Part

(If an individual)

Party of the Second Part Signature & Date

Attest:

Secretary Signature & Date

(SEAL, if required by the LPA)

Forms For Reference Only
(Not to be Returned with Submitted Bid)

Appendix C:

Village of Hoffman Estates Payment and Performance Surety Bond



VILLAGE OF HOFFMAN ESTATES PAYMENT AND PERFORMANCE SURETY BOND

BOND NO.	DATE BOND EXECUTED:
PRINCIPAL:	BOND AMOUNT: (written out & numerically)
CO-PRINCIPAL(S):	CONTRACT DOCUMENTS:
SURETY(IES):	PROJECT:

KNOW ALL MEN BY THESE PRESENTS, that we, the Principal(s) and Surety(ies) hereto, recite and declare that:

1. The Principal(s) and Surety(ies) on this bond agree that all undertakings, covenants, terms, conditions and agreements of the Contract Documents listed above and incorporated herein by reference will be performed and fulfilled and to pay all persons, firms and corporations having contracts with the principal or with subcontractors, all just claims due to them under the provisions of such contracts for labor performed or materials furnished in the performance of the Contract on account of which this bond is given.
2. We are held and firmly bound to the obligee Village of Hoffman Estates, Illinois (hereinafter called "Village"), in the sum written above in lawful money of the United States of America, to be paid to the Village, its successors or assigns, for the payment whereof Principal(s), Co-Principals and Surety(ies) bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by this Bond.
3. The condition of this Bond is that if the Principal shall in every respect perform all of its obligations under the Contract Documents identified above, which Contract Documents are incorporated herein by reference, then this Bond shall be void; otherwise, the Bond shall continuously remain in full force and effect until released by the Village. Contract Documents shall also include any agreements, bid documents, specifications, engineering, design, or construction requirements or other Village documents associated with the Project, including any laws, ordinances and/or governmental regulations related to the Project.
4. Surety waives all of its surety defenses including, but not limited to, the following:
 - a) It shall be the duty of the Principal to notify the Surety of any revision of the plans, profiles and specifications referred to in the Contract Documents. The Surety expressly waives any right to receive notice from the obligee or to review or approve any revisions to the plans, profiles and specifications referred to in the Contract Documents which are required to meet governmental standards. No such revisions of any kind in the work shall in any way affect the obligation of the Surety under this Bond;
 - b) Any extension or reduction of time beyond the period provided for in the Contract Documents for completion of its obligations under the Agreement shall in no way affect the obligation of the Surety under this Bond;
 - c) The failure or refusal of Village to take any action, proceeding, or steps to enforce any remedy or exercise any right under the Contract Documents, or that taking of any action, proceeding, or step by

Village, acting in good faith upon the belief that same is permitted by the provisions of the Contract Documents, shall not in any way release Principal or Surety, or either of them, or their respective executors, administrators, successors, or assigns, from liability under this Bond. Surety hereby waives notice of any amendment, indulgence made, granted or permitted;

d) The Principal, Co-Principal and Surety intend that each provision of this Bond be valid and binding upon them and expressly agree to abide thereby;

e) In the event of a default of this Bond, the Village may terminate whatever rights Principal, Co-Principal and/or Surety may have to perform further work on the Project.

f) The requirement of any other entity to perform any obligations contained in the Contract Documents shall in no way affect the obligations of the Surety under this Bond.

4. Default:

A default shall be deemed to have occurred on the part of the Principal if Principal shall fail to complete its obligations under the Contract Documents within the time set forth therein or any extensions thereof; or, prior to the expiration of such period, if in the sole judgment of the Village, the Principal has:

- A) abandoned the performance of its obligations under the Contract Documents; or
- B) failed to pay all persons, firms and corporations having contracts with the principal or with subcontractors, all just claims due to them under the provisions of such contracts for labor performed or materials furnished in the performance of the Contract Documents; or
- C) renounced or repudiated its obligations under the Contract Documents; or
- D) clearly demonstrated through insolvency, or otherwise, that its obligations under the Contract Documents cannot be completed within the time allotted under the Contract Documents.

If the Principal defaults in the performance of all or any part of the obligations specified in the Contract Documents, the Village shall give written notice of the default to the Surety, with a copy to the Principal and Co-Principal, if any. In the event of such default and notice, Surety shall, within 45 days of receipt of the default notice, give written notice to the Village stating whether Surety will assume the Contract Document obligations and the obligations of the Principal, and should it elect to assume said obligations, Surety shall be required to complete the obligations specified in the Contract Documents according to its terms and provisions within 180

days of said notice, but not before expiration of the period provided for under the Contract Documents and approved extensions thereof. In the event that Surety elects to assume the obligations of Principal as provided herein and thereafter fails to faithfully perform all or any part of the work, or should it unnecessarily delay all or any part of the work, then the Village may proceed as provided in Paragraph No. 5 of this Bond.

6. Should Surety following notice of default notify the Village that Surety elects not to assume the obligations of Principal under the Contract Documents, or fails within 45 days of receipt of the default notice as provided in Paragraph No. 4) above to notify the Village whether Surety elects to assume the obligations of Principal under the Contract Documents, or having elected to assume the obligations of Principal, should it then fail to perform, then in any event the Village may elect any of the following procedures or any combination thereof:

a) Terminate whatever rights the Principal, Co-Principal and/or Surety may have to perform further work on the Project;

b) Take over or relet all or any part of the work under the Contract Documents which is not completed and complete the same for the account and at the expense of the Principal and Surety, who shall be jointly and severally liable to Village for the costs incurred in completion of the obligations under the Contract Documents and/or correction thereof. Such costs as identified in the Contract Documents shall include, but not be limited to, construction, engineering, surveying, maintenance, donations, impact fees, deterioration, administration, supervision, reasonable attorney's fees, and any costs associated or related to any litigation of the Bond agreement and shall be adjusted for inflation. The amount of Village's actual costs for completion and/or correction of the work required under the Contract Documents shall be conclusive of the extent of the liability of Principal and Surety and may exceed the Bond Amount;

c) Require the Surety to pay the Bond Amount to the Village as liquidated damages.

7. Should Surety, following notice of default notify the Village within 45 days of the receipt of the default notice choose to pay the Village for completion of the obligation under the Contract Documents, the Surety shall have the right to demand that the Village state a sum constituting the estimated costs at that time, of completion and/or correction of the work required under the Contract Documents, such as costs as defined in Paragraph

No. 5b). Surety shall then immediately pay over to the Village the sum so stated and be released from any further obligations under this Bond. If funds are paid over under this section and the paid over funds are not sufficient to complete the work, the Village's sole remedy shall be to proceed against the Principal(s) and Co-Principals for any deficiency. If there are any paid over funds not necessary for completion of the work, the Village will return the excess to Surety after completion of the work.

8. If any action or proceeding is initiated in connection with this Bond and any and all obligations arising hereunder the venue thereof shall be in State Court in the County of Cook, State of Illinois, it is further understood and agreed that this contract shall be governed by the laws of the State of Illinois, both as to interpretation and performance.

9. All notices sent to the Principal(s), Co-Principals, and Surety(ies) shall be sent to the address set forth on the signature page unless said Principal(s), Co-Principal(s) and Surety(ies) notify the Village in writing of any change. If the addresses of any of the Principal(s), Co-Principal(s) and Surety(ies) change, the Principal(s), Co-Principal(s) or Surety(ies) shall immediately notify the Village in writing of such change. Failure to notify the Village of any change in address is deemed to be a waiver of any requirement for notice under this Bond to the Principal(s), Co-Principal(s) or Surety(ies). All written notices to the Village required under the Bond shall be sent certified mail to the Village Clerk.

10. If any one or more of the provisions of this Bond are determined to be illegal or unenforceable by a court of competent jurisdiction, all other provisions shall remain effective.

11. No party other than the Village shall have any rights under this Bond as against the Surety.

12. As part of the obligation secured hereby and in addition the Bond Amount specified herein, there shall be included costs, interest and reasonable expenses and fees (including, without limitation, attorneys' fees and costs), incurred by the Village in enforcing this agreement, to be awarded by the court.

13. Nonpayment of the premiums associated with this Bond will not invalidate this Bond nor shall Village be obligated for the payment thereof. Surety agrees to deliver written notice of non-payment under this Bond or other actions to the Village.

14. Surety waives its right to trial by jury.

IN WITNESS WHEREOF, the parties have caused this Agreement to be signed and sealed as of the day and year set forth above.

PRINCIPAL

Type of Organization:

Legal Name of Organization:

State of Incorporation:

Address:

Authorized Signature(s):

By: _____

By: _____

Signature

Signature

(Type name and title)

(Type name and title)

ACKNOWLEDGMENT OF PRINCIPAL(S)

STATE OF _____:

COUNTY/CITY OF _____:

I, _____ Notary Public in and for the State and County/City aforesaid, do hereby certify that _____ whose name is signed to the foregoing bond, this day personally appeared before me in my State and County/City aforesaid and acknowledged the same.

Given under my hand this _____ day of _____, _____.

My commission expires: _____

NOTARY PUBLIC

Surety: _____

Bond No.: _____

CO-PRINCIPAL(S)

Type of Organization:

Legal Name of Organization:

State of Incorporation:

Address:

Authorized Signature(s):

By: _____

By: _____

Signature

Signature

(Type name and title)

(Type name and title)

ACKNOWLEDGMENT OF CO-PRINCIPAL(S)

STATE OF _____:

COUNTY/CITY OF _____:

I, _____ Notary Public in and for the State and County/City aforesaid, do hereby certify that _____ whose name is signed to the foregoing bond, this day personally appeared before me in my State and County/City aforesaid and acknowledged the same.

Given under my hand this _____ day of _____, _____.

My commission expires: _____

NOTARY PUBLIC

Surety: _____

Bond No.: _____

CORPORATE SURETY

Type of Organization:

Legal Name and Address:

Liability Limit:

Address:

Authorized Signature(s):

By: _____

By: _____

Signature

Signature

(Type name and title)

(Type name and title)

ACKNOWLEDGMENT OF CORPORATE SURETY(S)

STATE OF _____:
COUNTY/CITY OF _____:

I, _____ Notary Public in and for the State and County/City aforesaid,
do hereby certify that _____
_____ whose name is signed to the foregoing bond, this day personally appeared before me in my State and
County/City aforesaid and acknowledged the same.

Given under my hand this _____ day of _____, _____.
My commission expires: _____

NOTARY PUBLIC

Surety: _____
Bond No.: _____