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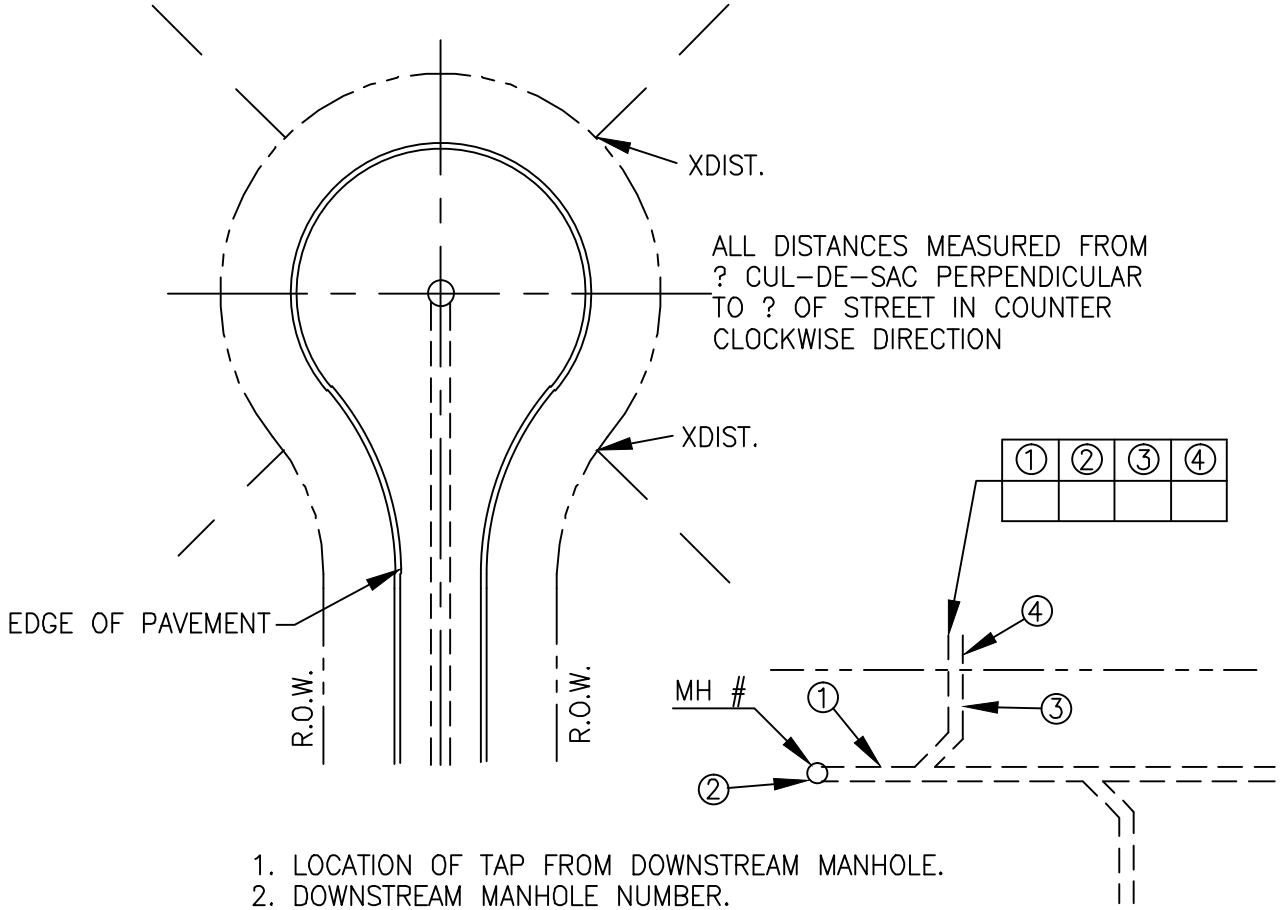
FOR ANY DETAILS NOT CONTAINED WITHIN THESE STANDARDS, IDOT STANDARD DRAWINGS SHALL BE REFERENCED FOR ALL DESIGNS WITHIN THE VILLAGE



1. LOCATION OF TAP FROM DOWNSTREAM MANHOLE.
2. DOWNSTREAM MANHOLE NUMBER.
3. LENGTH OF LATERAL FROM MAIN TO STUB.
4. DEPTH OF LATERAL FROM END.

NOTES:

A. RECORD DRAWINGS SHALL INCLUDE THE SIGNATURE AND SEAL OF THE ENGINEER OF RECORD.

B. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE PREPARER OF THE RECORD DRAWING, SHALL BE INCLUDED ON THE RECORD DRAWING.

C. WHEN CHANGES ARE MADE FROM THE ORIGINAL PLAN, THE APPLICANT SHALL NOTE AND CERTIFY THE CHANGES.

CERTIFICATION SHALL BE INDICATED BY A NOTE ON ONE COPY OF THE ORIGINAL PLAN OR, IF REVISED, ON THE REVISED PLAN, AS FOLLOWS:

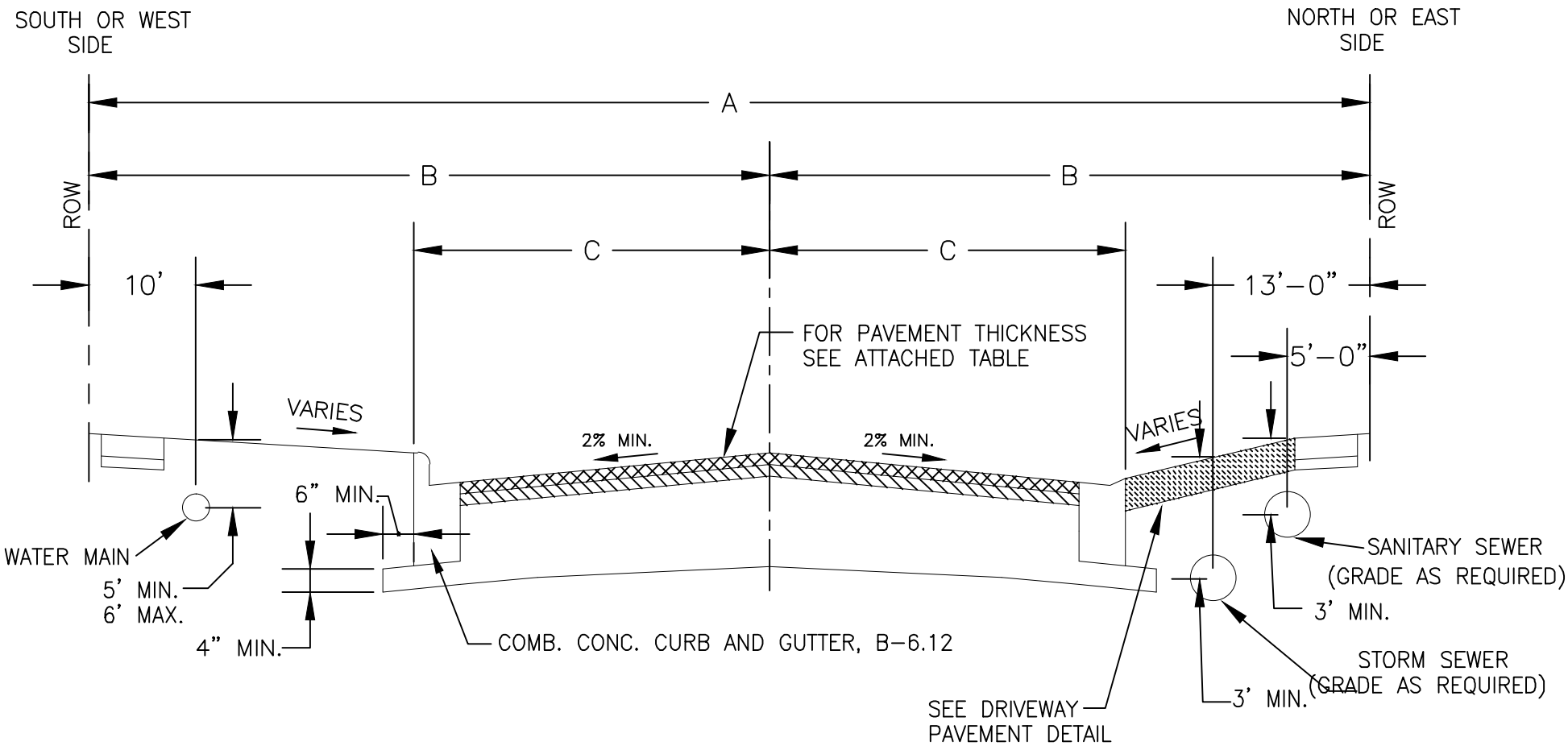
"I _____ DO HEREBY CERTIFY THAT THIS PLAN IS A REASONABLE DEPICTION OF THE TOPOGRAPHY OF THE DESCRIBED PROPERTY AS EXISTED ON THIS DATE, AND ESSENTIALLY CONFORMS TO THE PLAN FILED WITH THE VILLAGE OF LINCOLNSHIRE DIRECTOR OF PUBLIC WORKS AS PERMIT NO. _____ DATED _____,___, OR TO REVISIONS OF SAID PLAN AS NOTED AND APPROVED BY THE UNDERSIGNED.

DATE_____ SIGNED_____

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

RECORD DRAWING DETAILS

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	A-1



CLASSIFICATION	NO. OF LANES	A	B	C	MIN. CURVE RADIUS	MIN. GRADE	MAX. GRADE	SIGHT DISTANCE
ARTERIAL AND INDUSTRIAL	4	100'	50'	28.5'	500'	0.5%	5.0%	300'
SECONDARY	2	80'	40'	17.5'	200'	0.5%	7.8%	200'
NON ARTERIAL (MINOR) CUL-DE-SAC	2	60'	30'	13.5'	200'	0.5%	10.0%	100'

VILLAGE OF LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

STREET CROSS SECTION

DESIGNED BY	SCALE: NONE
DRAWN BY: B&W	PROJECT NO.: 180900
CHECKED BY	SHEET NO.: B-1
DATE: MAR. 2020	

MINIMUM PAVEMENT THICKNESS

CLASSIFICATION	AGGREGATE SUBBASE	BITUMINOUS BASE COURSE	BITUMINOUS BINDER AND SURFACE COURSE	PORTLAND CEMENT CONCRETE
ARTERIAL OR INDUSTRIAL	12" AGG. SUBGRADE	–	–	8"
" "	12" AGG. SUBGRADE	8"	2.5" – 1.5"	–
NON ARTERIAL	–	–	–	7"
OR SECONDARY	12" AGG. SUBGRADE	–	2.5" – 1.5"	–
" "	4" TYPE B	6"	2.5" – 1.5"	–

NOTES:

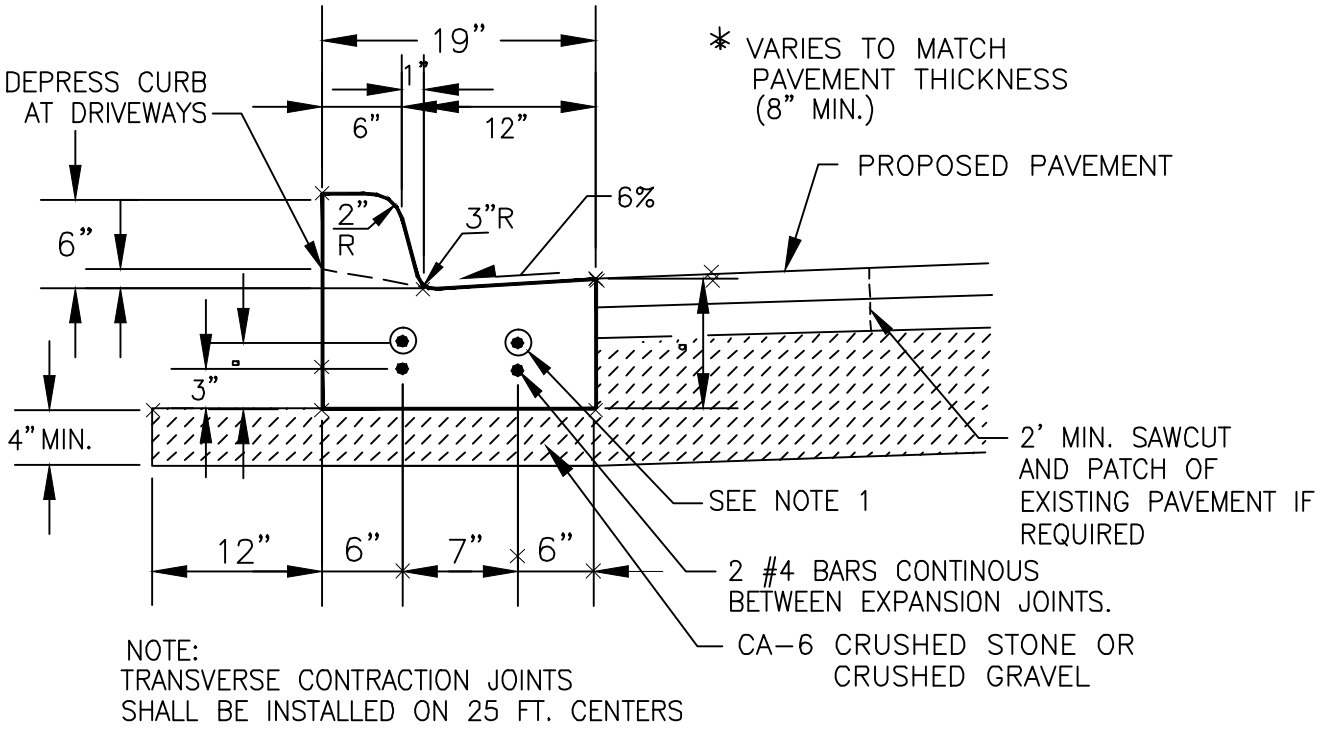
1. OTHER PAVEMENT SECTIONS WILL BE CONSIDERED PROVIDED THEY ARE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER AND ARE BASED ON TRAFFIC AND EXISTING SOIL CONDITIONS.

2. THE ABOVE TABLE ASSUMES SUBGRADE HAS A MINIMUM SOIL BEARING VALUE OF CBR=4

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

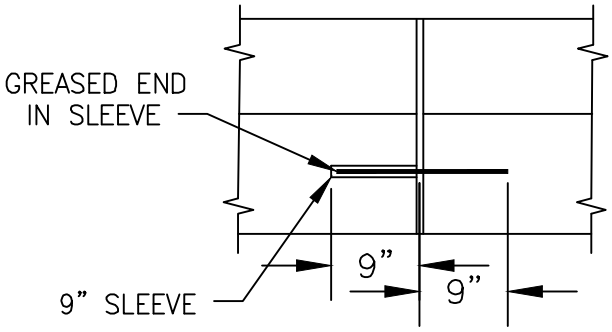
MINIMUM PAVEMENT THICKNESS

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	**B-2**



CURB & GUTTER TYPE B-6.12

NO SCALE



SLEEVE DETAIL

NO SCALE

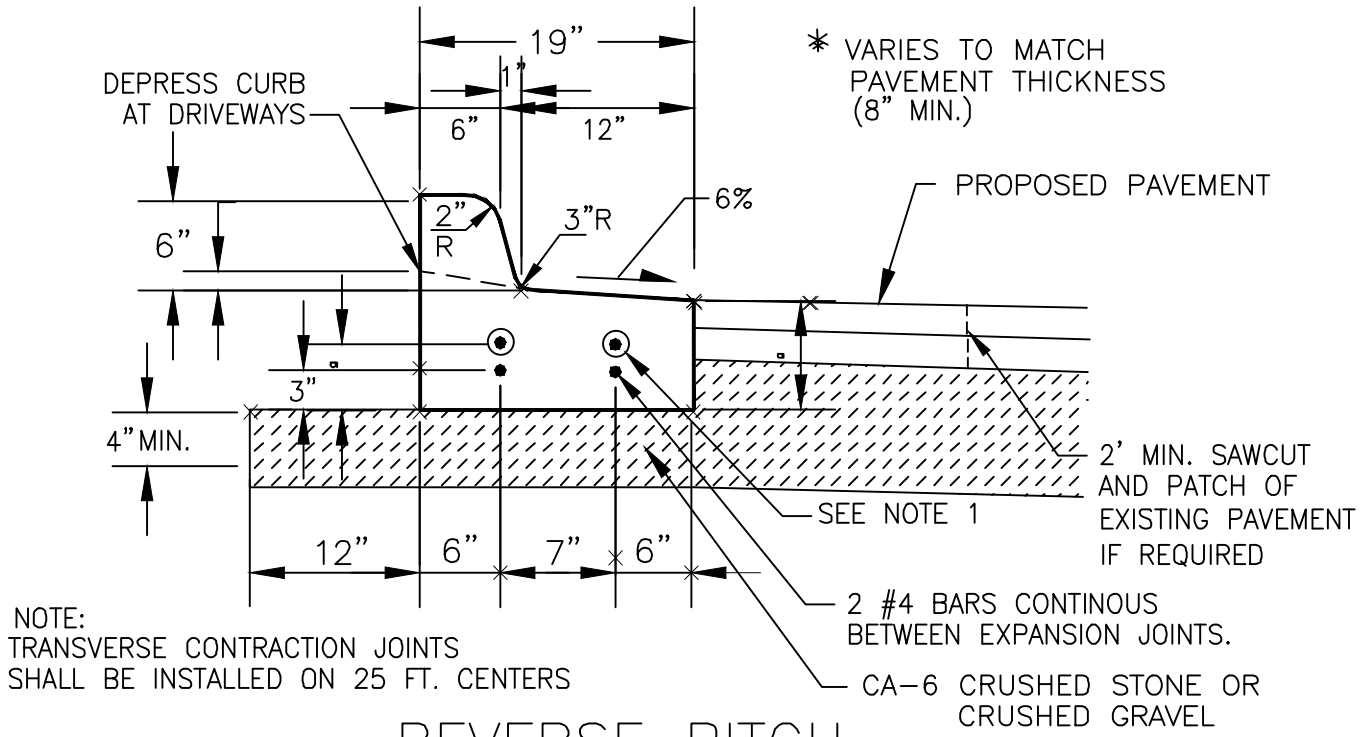
NOTES:

1. EXPANSION JOINTS W/ 3/4" PREFORMED EXPANSION JOINT MATERIAL & TWO (2) #5 SMOOTH DOWEL BARS WITH GREASE CAPS SHALL BE PLACED:
   a. AT ENDS OF INTERSECTION RADII, P.C.'S, RADIUS POINTS, & BACK OF CUL-DE-SACS
   b. 5 FT. ON EACH SIDE OF DRAINAGE STRUCTURES
   c. MAX. OF 60 FT. INTERVALS
   d. WHERE NEW CURB MEETS EXISTING CURB, THE EXISTING CURB SHALL BE DRILLED AND TWO (2) #5 SMOOTH DOWEL BARS GROUTED IN PLACE W/ THE GREASE CAP PLACED ON THE SIDE OF THE NEW CURB & GUTTER.
2. TOOL OR SAWCUT CONTRACTION JOINTS AT 15 FT. INTERVALS.
3. SAWCUTS SHALL BE MADE WITHIN TWENTY-FOUR (24) HRS. AND SEALED W/ JOINT SEALANT, JOINTS SHALL BE CLEAN AND DRY PRIOR TO APPLICATION OF SEALANT.

VILLAGE OF LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

B-6.12 CURB AND GUTTER DETAIL

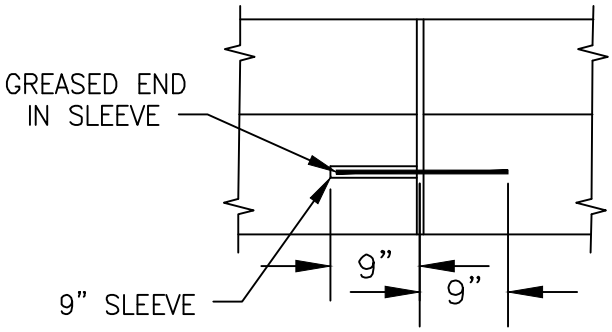
DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	C-1



NOTE:
TRANSVERSE CONTRACTION JOINTS
SHALL BE INSTALLED ON 25 FT. CENTERS

REVERSE PITCH
CURB & GUTTER TYPE B-6.12

NO SCALE



SLEEVE DETAIL

NO SCALE

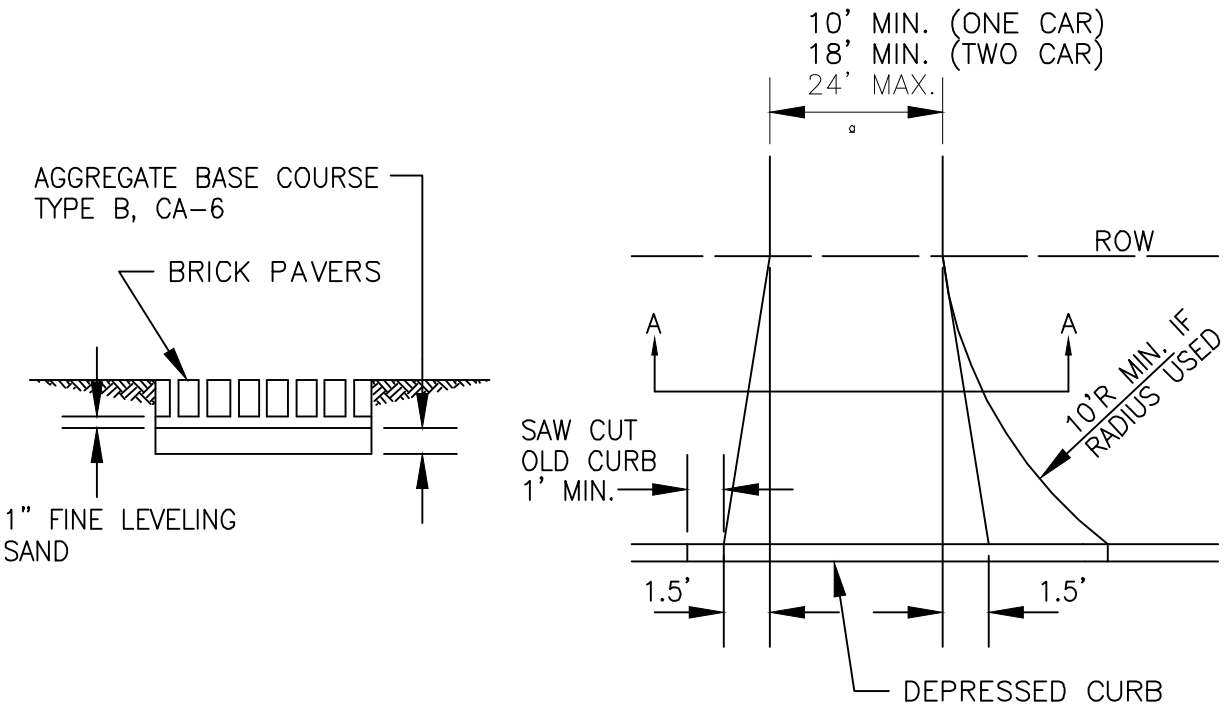
NOTES:

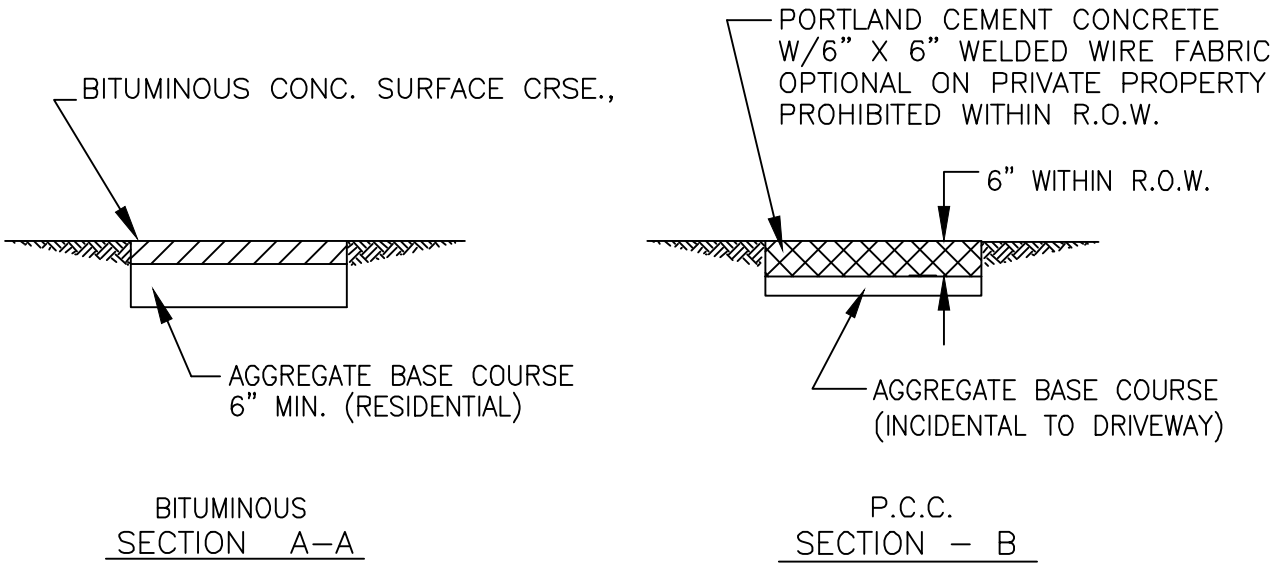
1. EXPANSION JOINTS W/ 3/4" PREFORMED EXPANSION JOINT MATERIAL & TWO (2) #5 SMOOTH DOWEL BARS WITH GREASE CAPS SHALL BE PLACED:
   a. AT ENDS OF INTERSECTION RADII, P.C.'S, RADIUS POINTS, & BACK OF CUL-DE-SACS
   b. 5 FT. ON EACH SIDE OF DRAINAGE STRUCTURES
   c. MAX. OF 60 FT. INTERVALS
   d. WHERE NEW CURB MEETS EXISTING CURB, THE EXISTING CURB SHALL BE DRILLED AND TWO (2) #5 SMOOTH DOWEL BARS GROUTED IN PLACE W/ THE GREASE CAP PLACED ON THE SIDE OF THE NEW CURB & GUTTER.
2. TOOL OR SAWCUT CONTRACTION JOINTS AT 15 FT. INTERVALS.
3. SAWCUTS SHALL BE MADE WITHIN TWENTY-FOUR (24) HRS. AND SEALED W/ JOINT SEALANT, JOINTS SHALL BE CLEAN AND DRY PRIOR TO APPLICATION OF SEALANT.

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

REVERSE PITCH GUTTER

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	C-2





BITUMINOUS
SECTION A–A

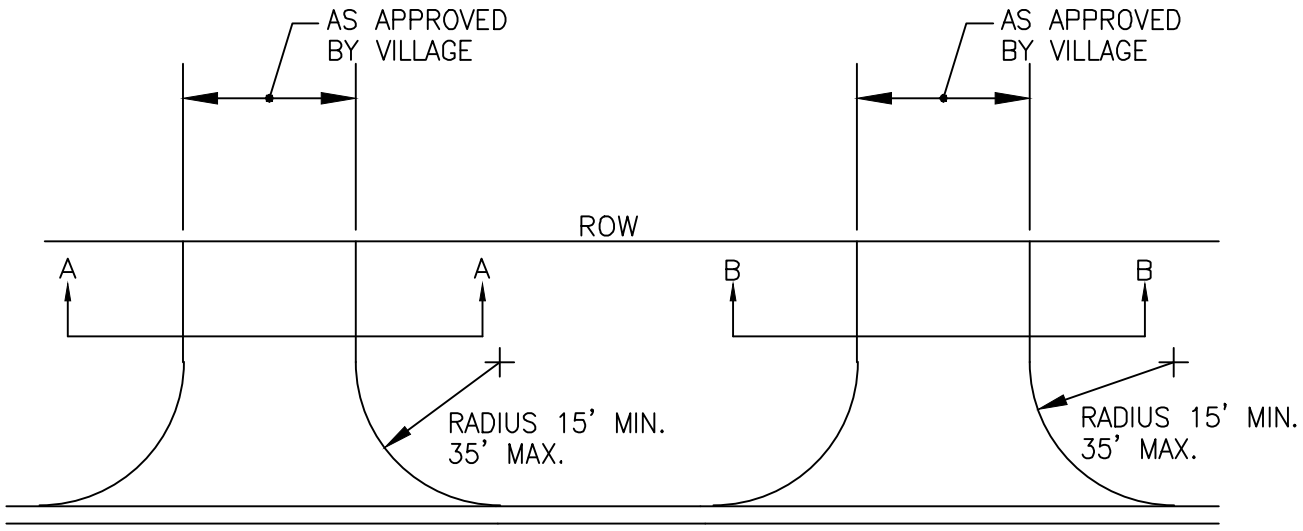
P.C.C.
SECTION – B

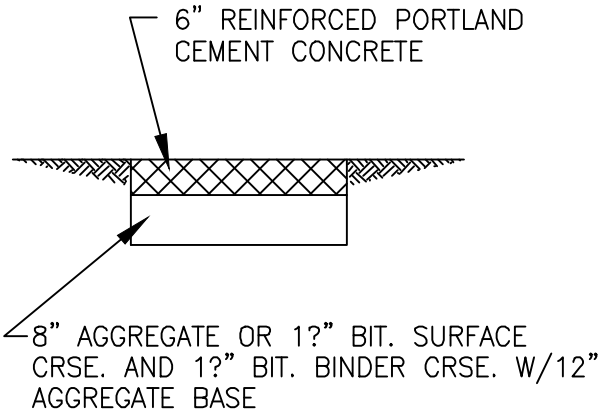
NOTES:
WHERE A NEW DRIVE IS TO BE CONSTRUCTED ON AN EXISTING STREET, THE EXISTING CURB SHALL BE REMOVED AND A NEW DEPRESSED CURB CONSTRUCTED.

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

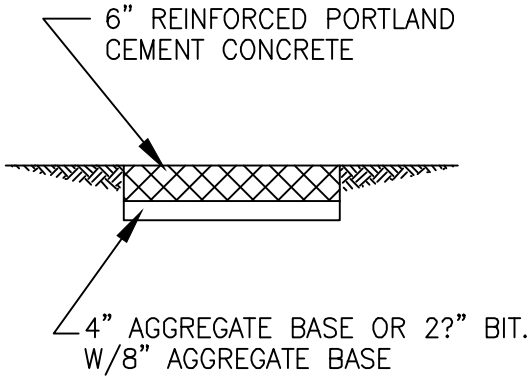
DRIVEWAY DETAIL
RESIDENTIAL

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	**D-1**





SECTION – A
HEAVY

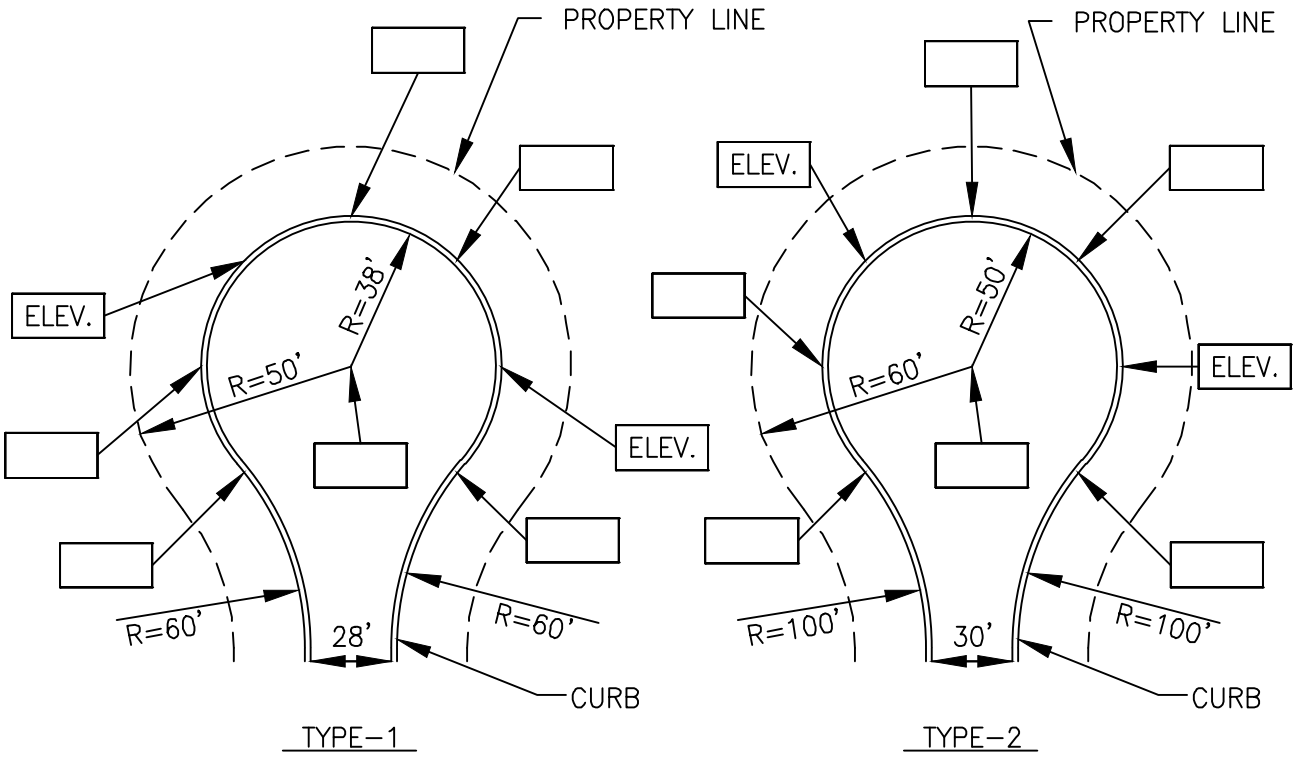


SECTION – B
LIGHT

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

DRIVEWAY DETAIL
COMMERCIAL / INDUSTRIAL

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	D-2



NOTES

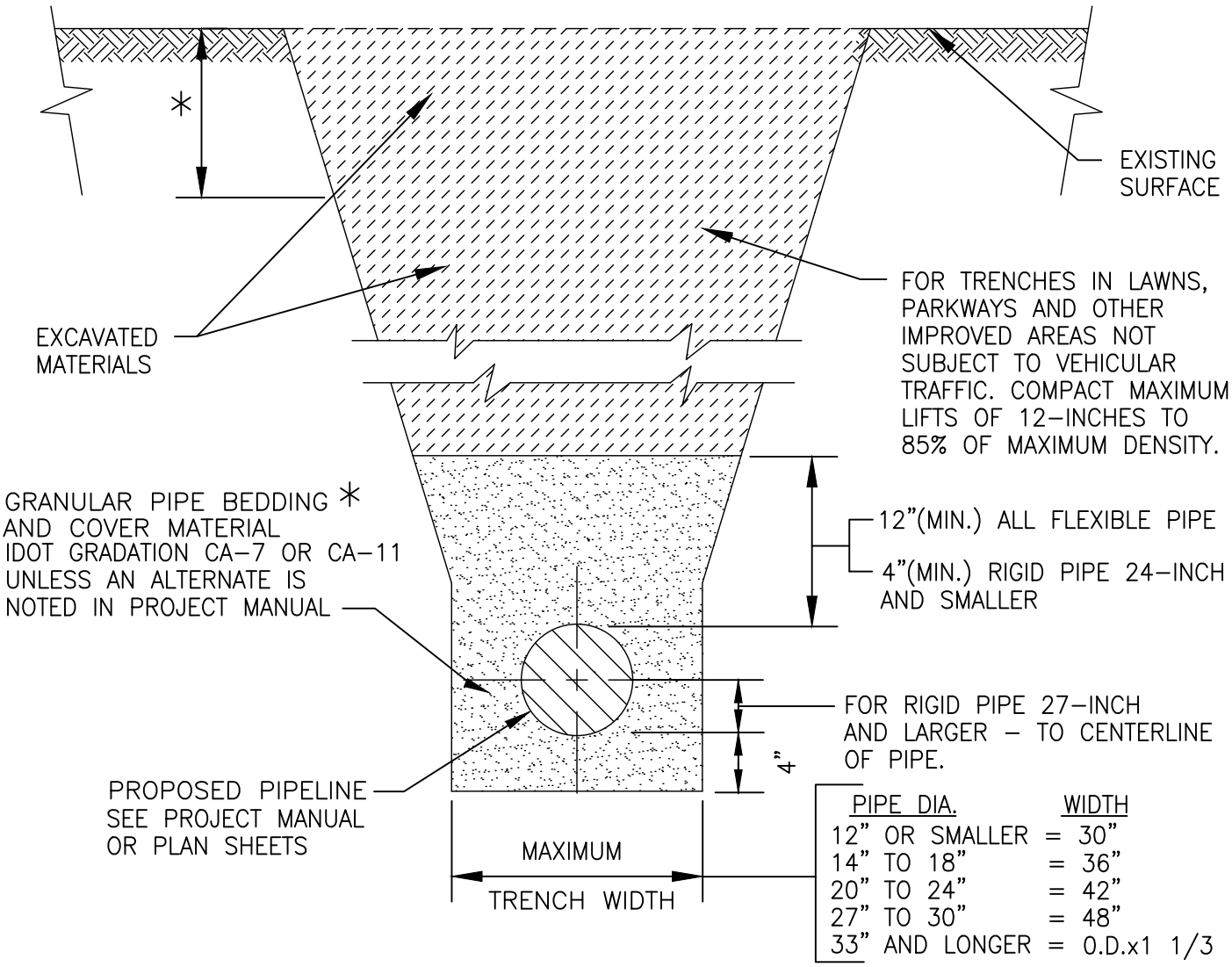
1. PAVEMENT SECTION AND STREET WIDTHS (PAVEMENTS AND RIGHT–OF–WAY) SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS ON SHEET ?.
2. MAXIMUM CUL–DE–SAC STREET LENGTH ALLOWED IS 800 FEET. MEASURED ALONG THE CENTERLINE FROM THE INTERSECTION AT ORIGIN, THROUGH THE CENTER OF CIRCLE, TO THE END OF THE RIGHT–OF–WAY.
3. OFFSET TYPE CUL–DE–SAC ALLOWED, WITH SAME MINIMUM DIMENSIONS.
4. CUL–DE–SACS WITH MINIMUM DIMENSIONS WILL NOT BE ALLOWED TO CONTAIN ISLANDS. LANDSCAPED, CURBED OR OTHERWISE.
5. TRAFFIC CONTROL SIGNING, AS NECESSARY, WILL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
6. PAVEMENT MATERIALS (CONCRETE OR ASPHALT) SHALL BE THE SAME AS THE REMAINDER OF THE STREET.

7. TYPE–1 SHALL BE USED ONLY IN RESIDENTIAL SUBDIVISIONS: ALL OTHER SUBDIVISIONS USE TYPE–2.
8. WARNING SIGNS SHALL BE POSTED AT ENTRANCE TO STREET, INDICATING NO OUTLET.
9. DETAIL SHALL BE IDENTIFIED BY STREET NAME.
10. ELEVATIONS PROVIDED SHALL BE PROPOSED FLOW LINE OF GUTTER.
11. ONE DETAIL SHALL BE PROVIDED FOR EACH CUL–DE–SAC.
12. SCALE SHALL BE 1"=40' OR LARGER.

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

CUL-DE-SAC DETAILS

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	D-3



FOR NON–PAVED AREAS

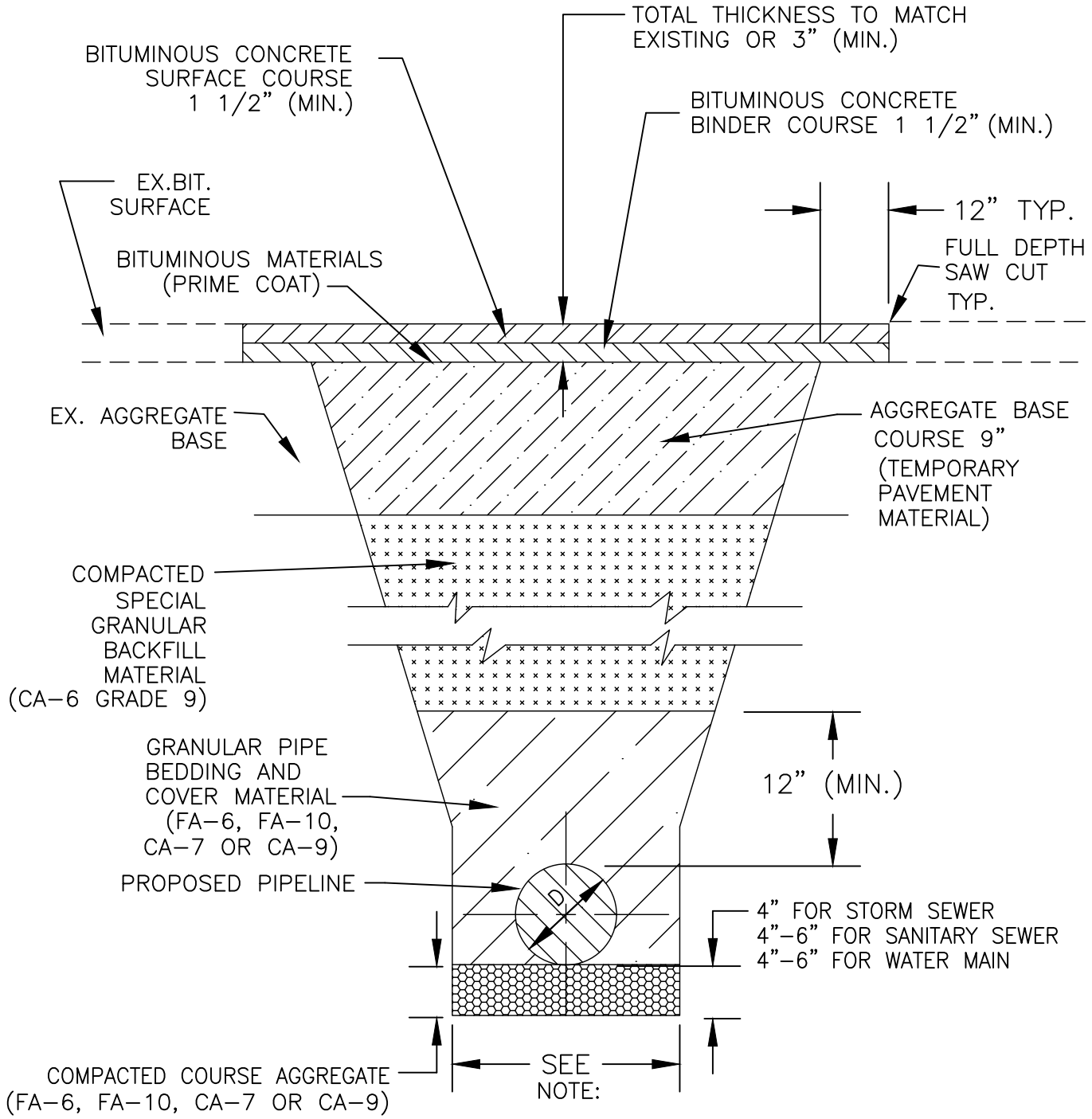
* FOR FLEXIBLE THERMOPLASTIC OR HDPE PIPE COMPLY WITH ASTM 2321, CLASS I OR II.

FOR RIGID PIPE COMPLY WITH ASTM C12, BEDDING CLASS B.

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

TYPICAL TRENCH DETAIL
NON-PAVED AREAS

DESIGNED BY	SCALE: NONE
DRAWN BY: B&W	PROJECT NO.: 2500491
CHECKED BY	SHEET NO.: E-1
DATE: MAR. 2025	



FOR PAVEMENT WITH AGGREGATE BASE AND
COMPACTED SPECIAL GRANULAR BACKFILL MATERIAL

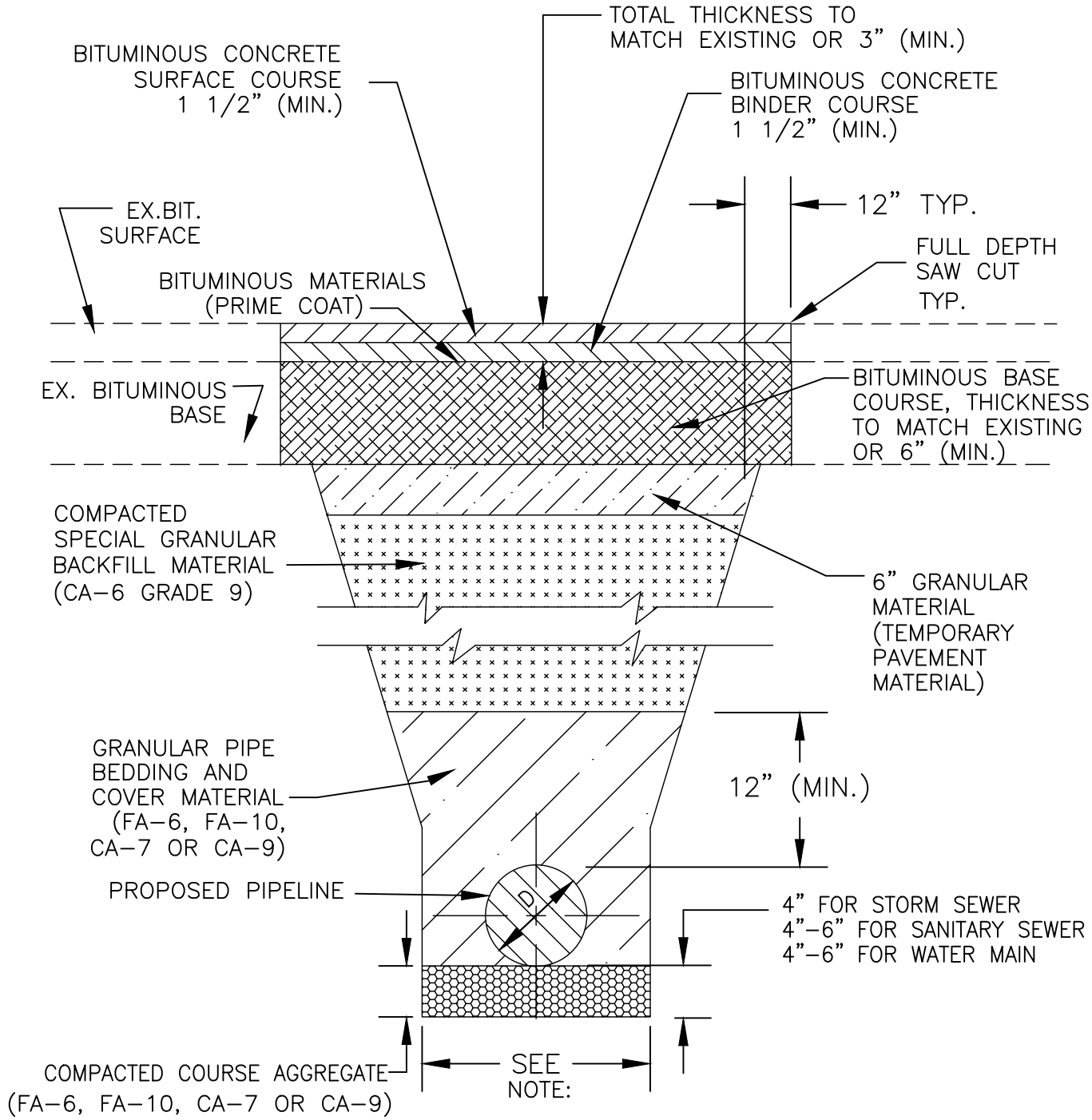
NOTE:

MINIMUM TRENCH WIDTH, D+18" FOR DEPTHS ≤ 5' WHEN SHEETING OR SHORING NOT REQUIRED.
D+3'-0" FOR DEPTHS ≥ 5', WHEN SHEETING OR SHORING NOT REQUIRED.

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

TYPICAL TRENCH DETAIL
PAVEMENT WITH AGGREGATE BASE

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 2500491
CHECKED BY	SHEET NO.
DATE MAR. 2025	E-2



FOR PAVEMENT WITH BITUMINOUS BASE AND SPECIAL GRANULAR BACKFILL MATERIAL

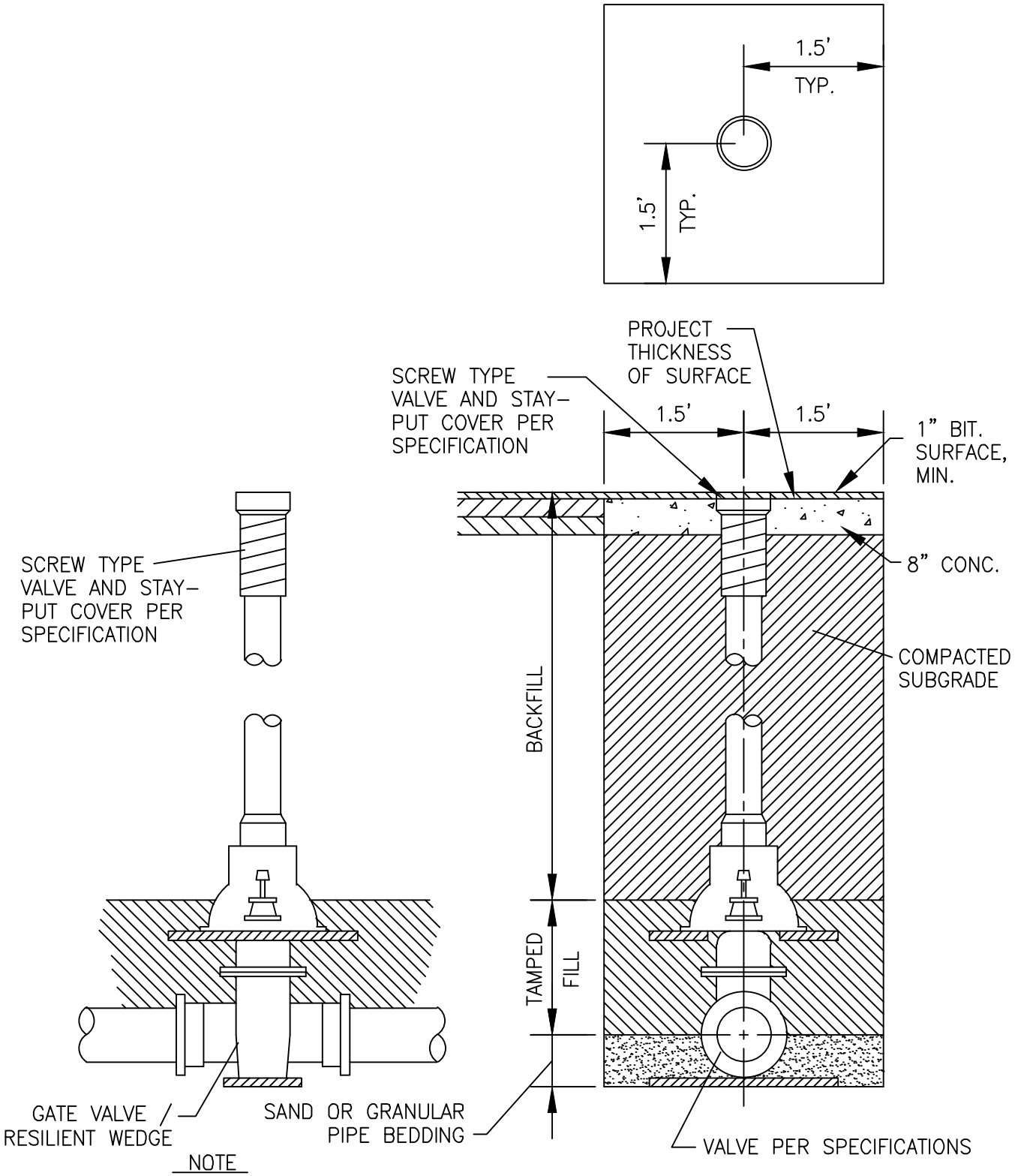
NOTE:

MINIMUM TRENCH WIDTH, D+18" FOR DEPTHS ≤ 5' WHEN SHEETING OR SHORING NOT REQUIRED.
D+3'-0" FOR DEPTHS ≥ 5', WHEN SHEETING OR SHORING NOT REQUIRED.

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

TYPICAL TRENCH DETAIL
PAVEMENT WITH BITUMINOUS BASE

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 2500491
CHECKED BY	SHEET NO.
DATE MAR. 2025	E-3



NOTE

VALVES MAY BE LOCATED IN PAVEMENT ONLY WITH PERMISSION OF VILLAGE ENGINEER.

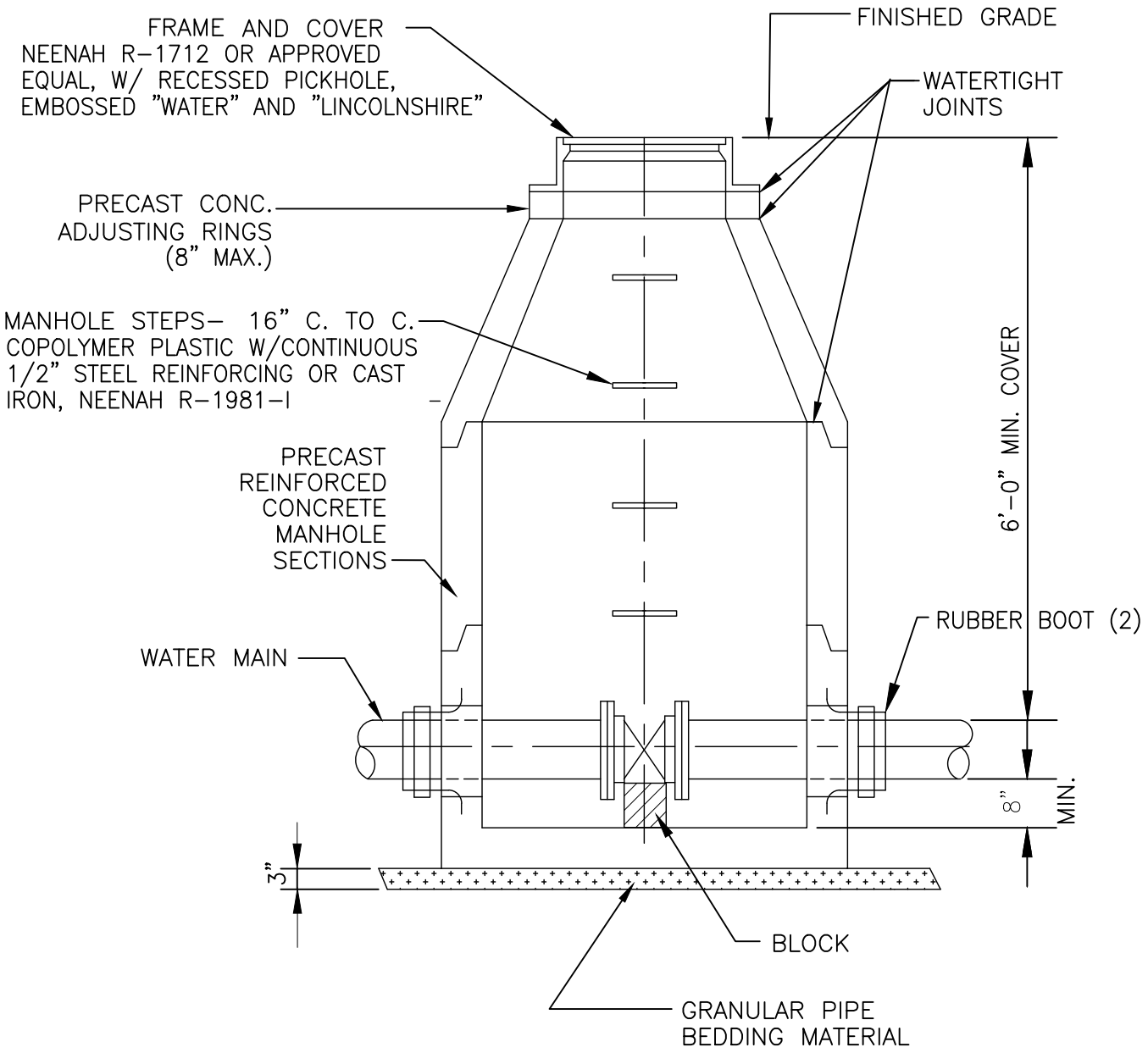
VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

TYPICAL DETAILS OF NEW VALVE BOX IN PAVEMENT

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	F-1

NOTES:

1. CONCENTRIC CONE REQUIRED
2. USE 5'–0" ID (INSIDE DIAMETER) VAULT (MINIMUM)



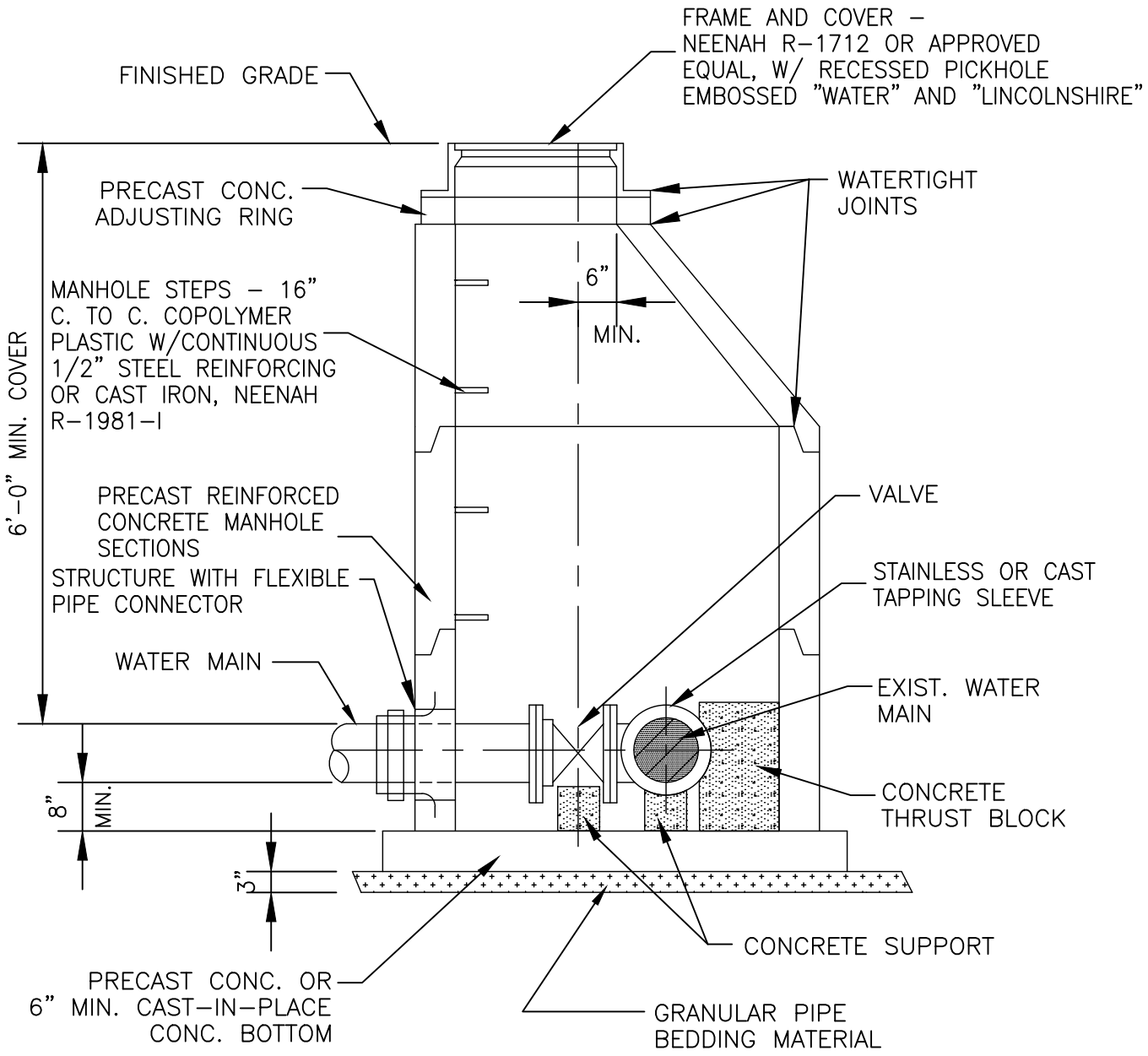
VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

WATER VALVE VAULT DETAIL

DESIGNED BY	SCALE
	NONE
DRAWN BY	PROJECT NO.
B&W	180900
CHECKED BY	SHEET NO.
DATE	
SEP. 2021	F-2

NOTES:

1. ECCENTRIC CONE REQUIRED
2. USE 5'–0" DIAMETER

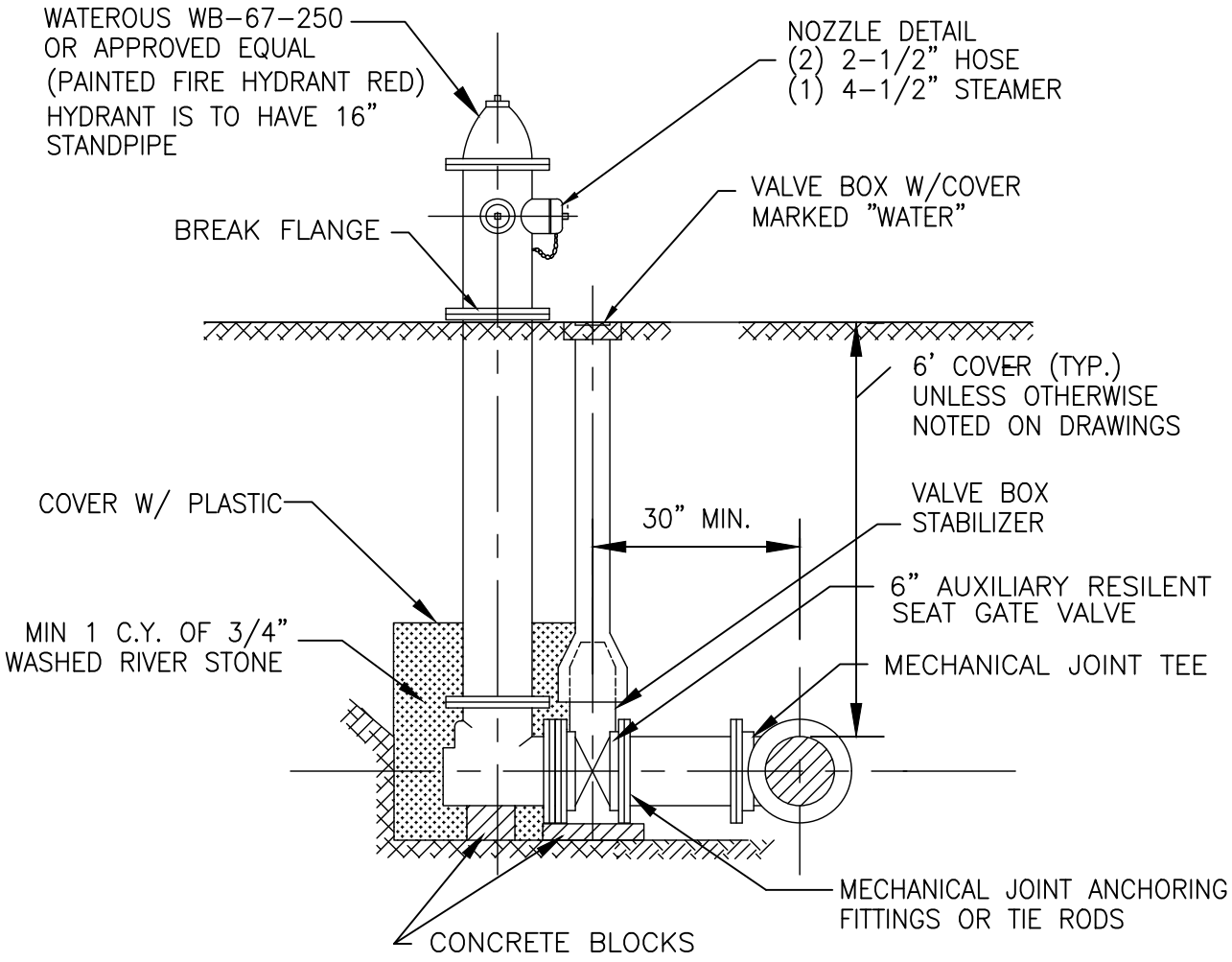


VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

PRESSURE CONNECTION VALVE VAULT DETAIL

DESIGNED BY	SCALE: NONE
DRAWN BY: B&W	PROJECT NO.: 180900
CHECKED BY	SHEET NO.: F-3
DATE: NOV. 2025	

NOTE: FIBERGLASS RED AND WHITE REFLECTIVE FLAG INSTALLATION REQUIRED



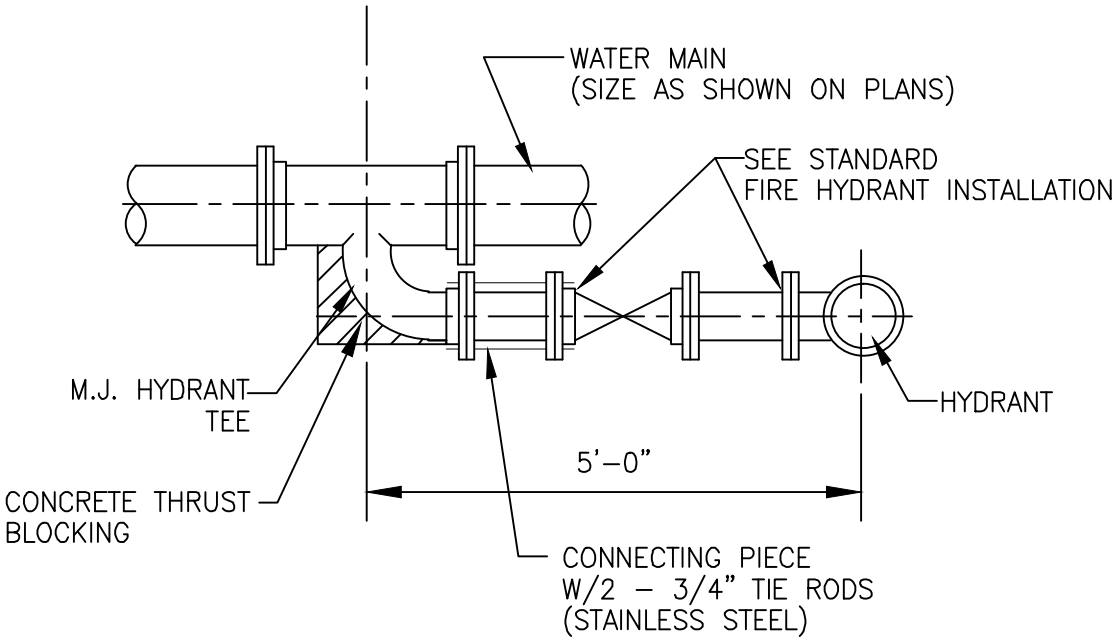
FIRE HYDRANT INSTALLATION DETAIL

NO SCALE

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

FIRE HYDRANT INSTALLATION DETAIL

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE SEP. 2021	F-4



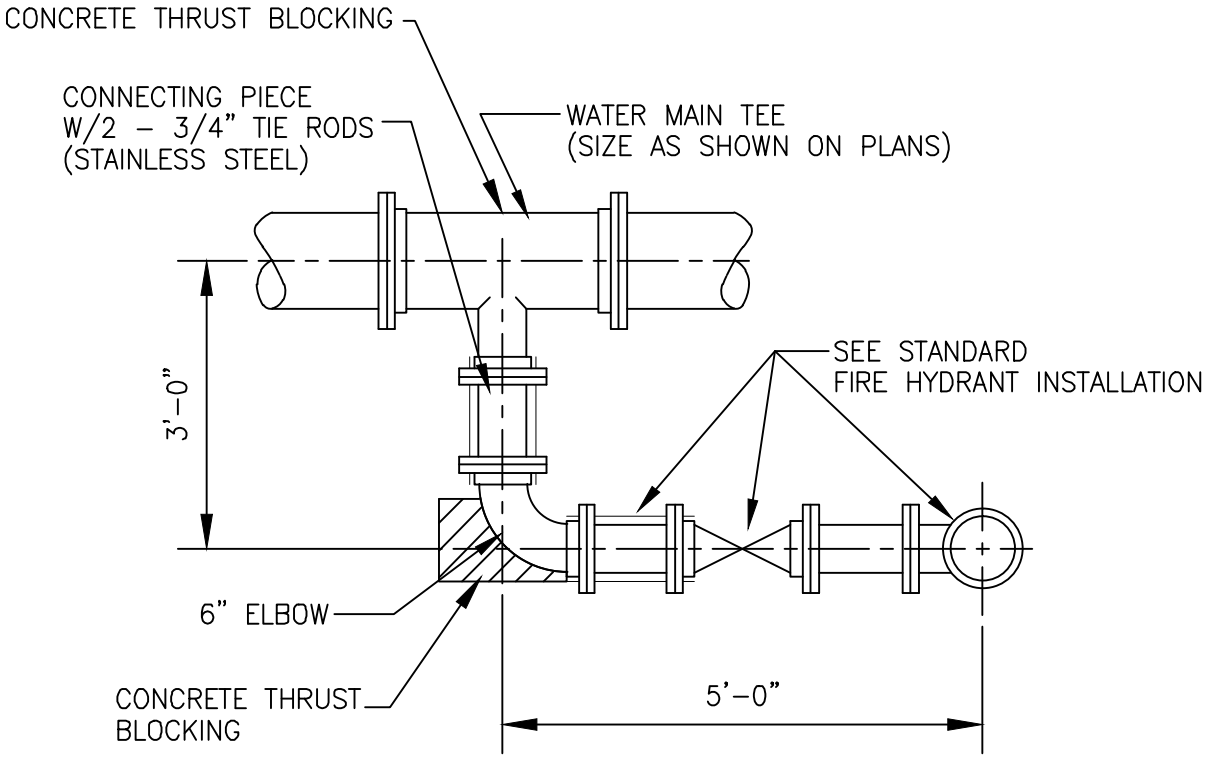
FIRE HYDRANT – 90° CONNECTION

(FOR WATER MAIN SIZES 6" THROUGH 12")
NO SCALE

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

FIRE HYDRANT - 90° CONNECTION
FOR WATER MAIN SIZES 6" THROUGH 12"

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	F-5



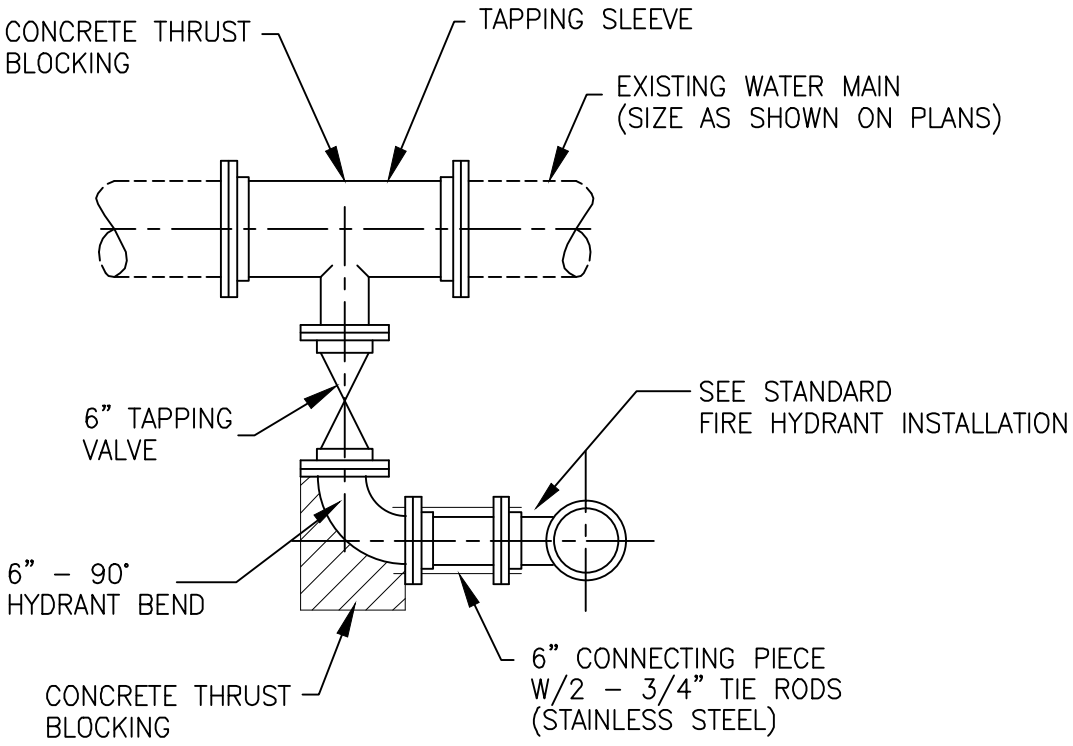
FIRE HYDRANT – 90° CONNECTION

(FOR WATER MAIN SIZES GREATER THAN 12")
NO SCALE

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

FIRE HYDRANT - 90° CONNECTION FOR WATER MAIN SIZES GREATER THAN 12"

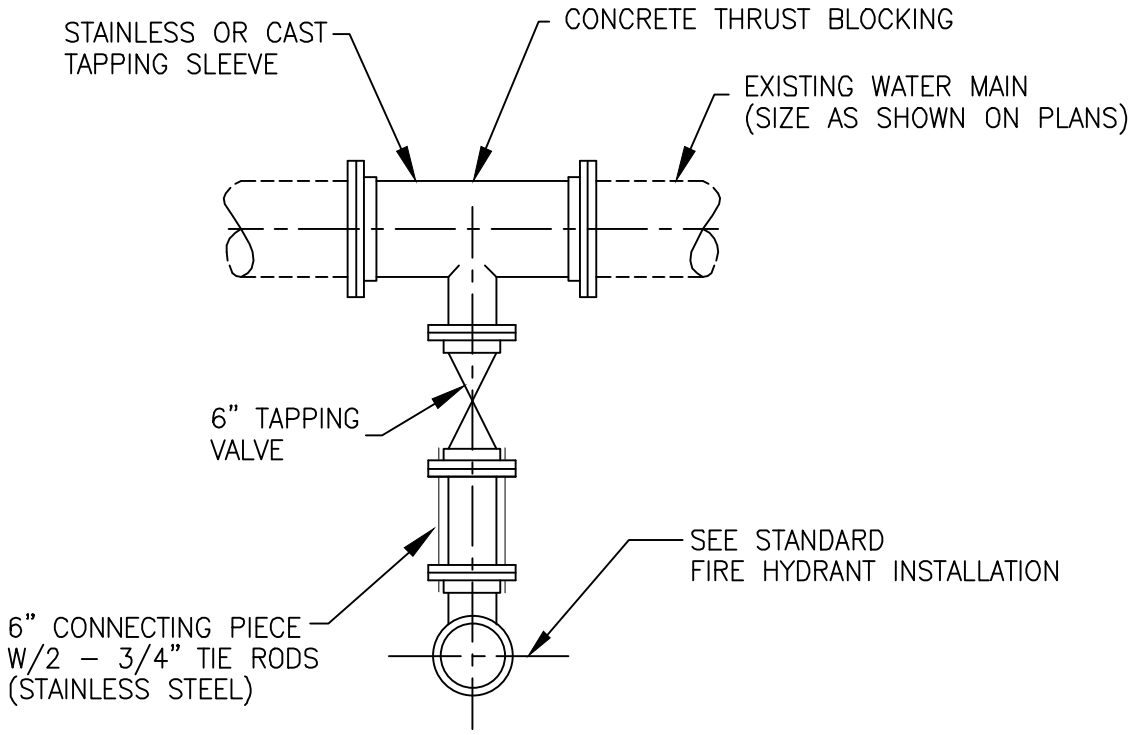
DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	F-6



VILLAGE OF LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

FIRE HYDRANT - 90° PRESSURE TAP

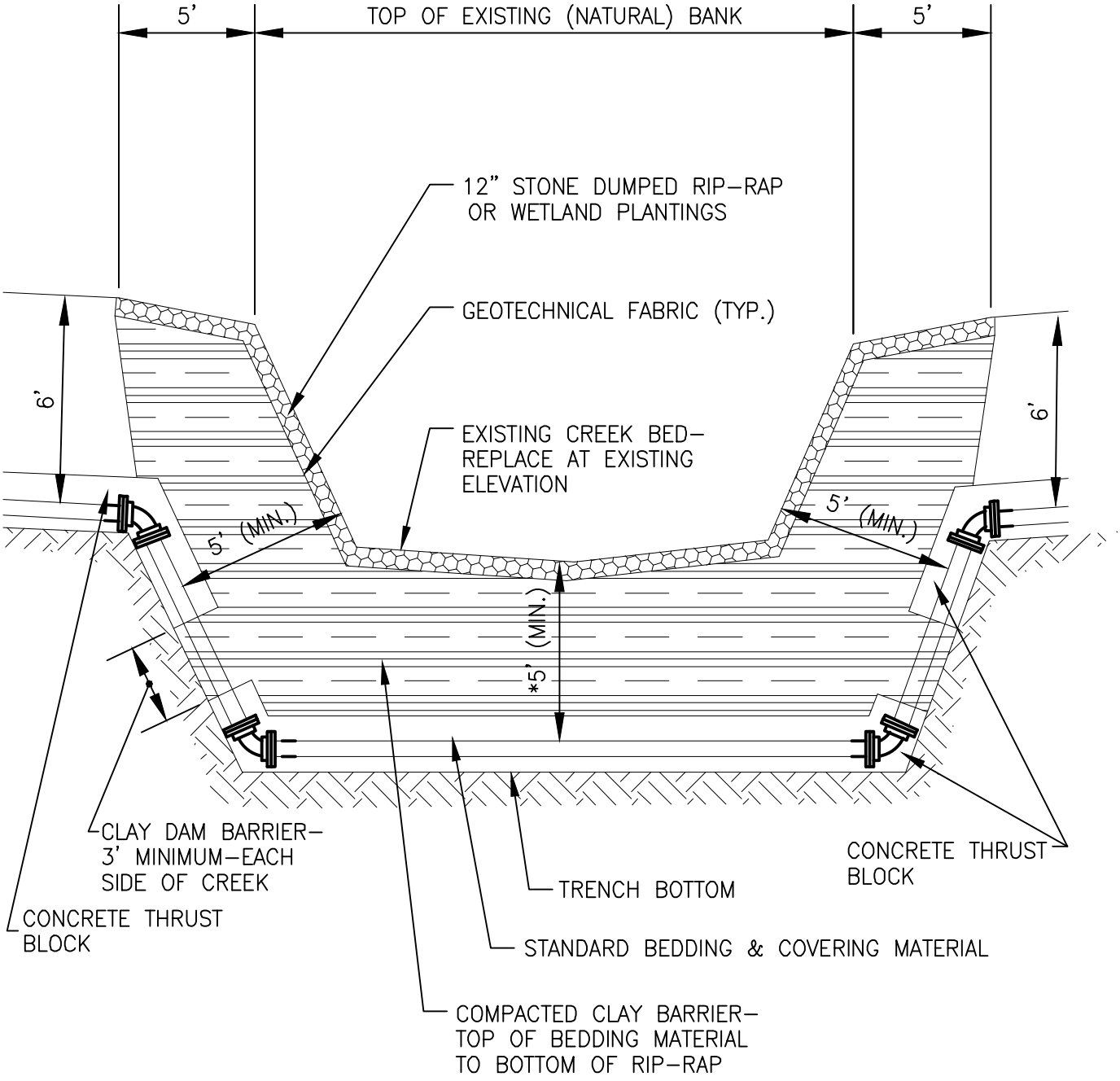
DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	F-7



VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

FIRE HYDRANT - 90° PRESSURE TAP

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	F-8



NOTES:

EXTEND RIP-RAP TO 2' BEYOND WIDTH OF TRENCH. TOP OF RIP-RAP TO MATCH ORIGINAL CREEK BOTTOM ELEVATION.

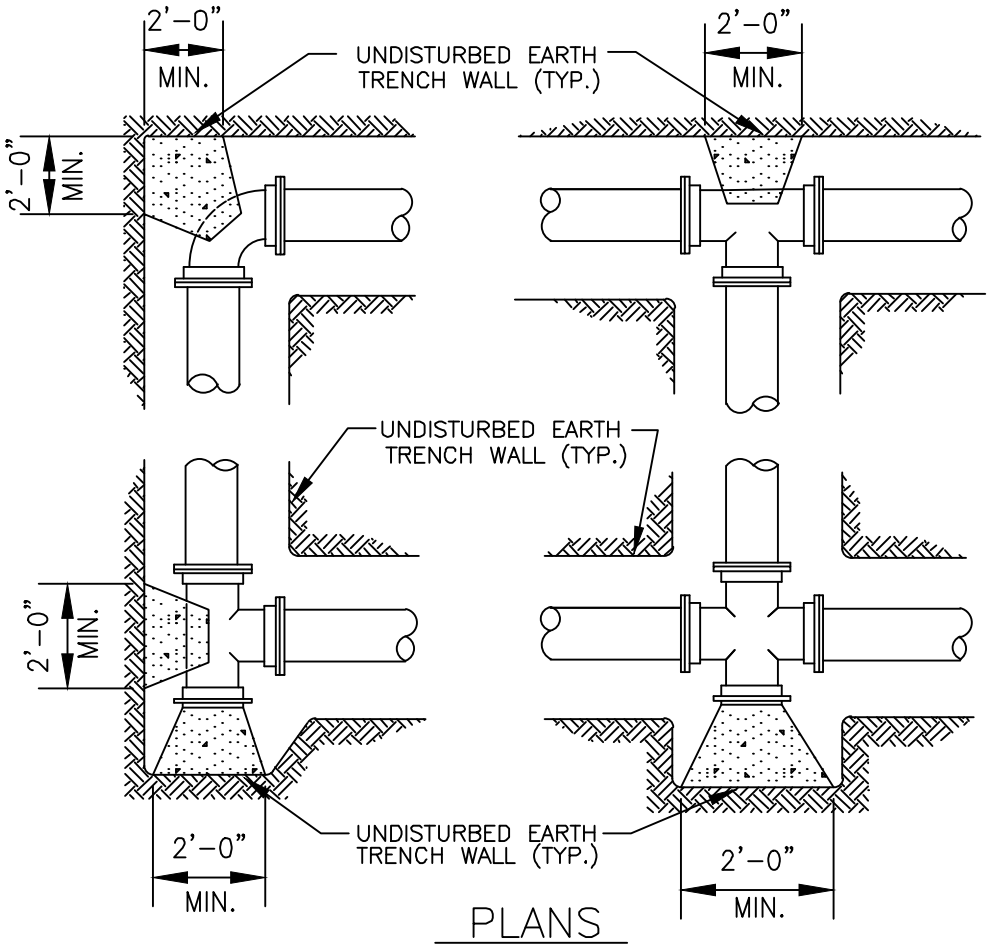
EROSION CONTROL- FIBER MAT MULCH OR EXCELSIOR BLANKETS TO BE USED FOR RESTORATION BEYOND RIP-RAP AREAS.

* P.C.C. CAP REQUIRED IF 5' MINIMUM DEPTH CANNOT BE MAINTAINED

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

WATER MAIN
STREAM CROSSING DETAIL

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	F-9



PLANS

NOTES

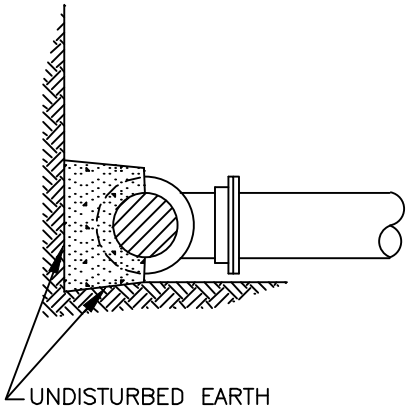
1. BLOCKING SHALL BE APPLIED FOR ALL TEES, PLUGS, CAPS, AND 22 1/2° OR MORE BENDS.

2. PROVIDE PRECAST OR CAST-IN-PLACE CONCRETE THRUST BLOCKS OF ADEQUATE SIZE AND THRUST BEARING SURFACE TO PREVENT MOVEMENT OF PIPELINE UNDER PRESSURE.

3. PLACE THE BASE AND THRUST BEARING SIDES OF THRUST BLOCK DIRECTLY AGAINST UNDISTURBED EARTH.

4. PLACE THRUST BLOCKING SO THE FITTING JOINTS WILL BE ACCESSIBLE FOR REPAIR.

5. THRUST BLOCKS SHALL BE CLASS "SI" CONCRETE.



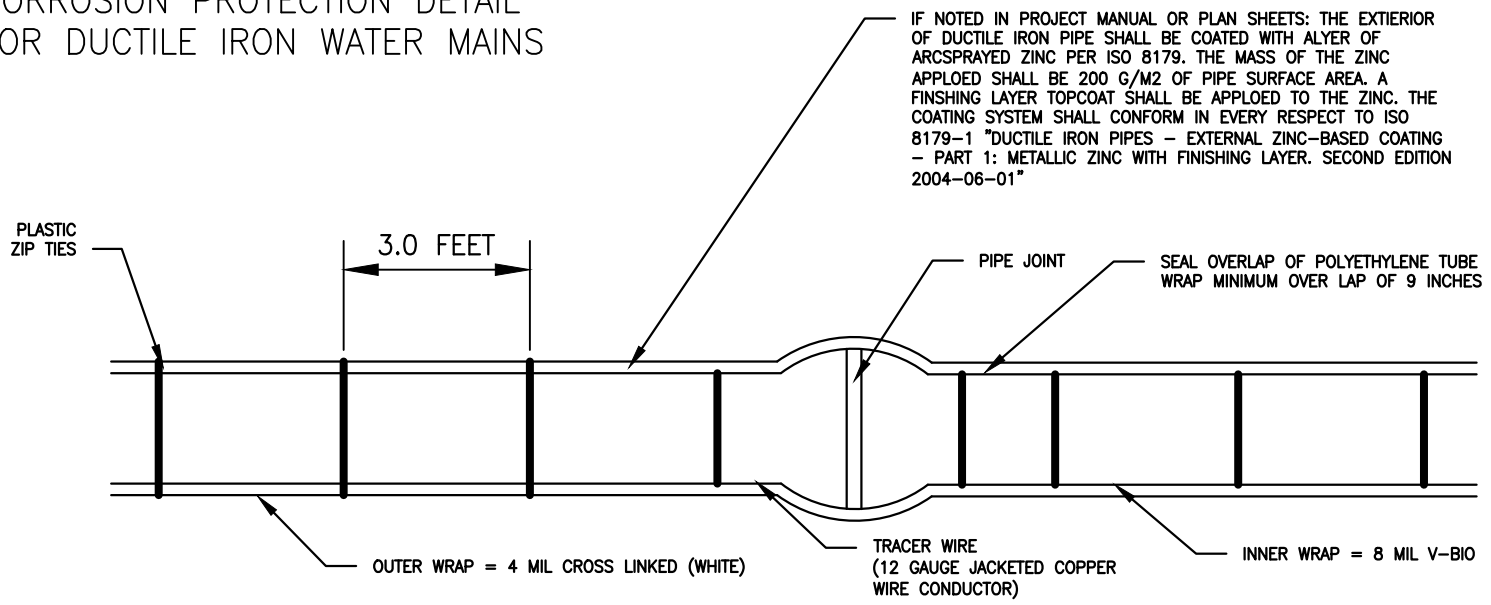
SECTIONS

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

WATER MAIN
THRUST BLOCKING DETAILS

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	F-10

CORROSION PROTECTION DETAIL FOR DUCTILE IRON WATER MAINS



DUCTILE IRON PIPE SHALL BE ENCASED BY TWO (2) POLYETHYLENE TUBES.

- THE INTERIOR TUBE MUST BE VIRGIN MATERIAL, V-BIO CONSISTING OF THREE (3) CO-EXTRUDE LAMINATIONS OF LINEAR LOW DENSITY POLYTHLENE (LLDPE), FUSED INTO A SINGLE THICKNESS NOT LESS THAN FIGHT (8) MIL5. THE INSIDE SURFACE OF THE V-BIO WRAP IN CONTACT WITH THE PIPE EXTETIOR SHALL BE INFUSED WITH A BLEND OF ANTIMICROBIAL BE OF A THICK IMPERMEABLE MATERIAL DESIGNED TO PROTECT AND ENHANCE THE INNER LAMINATION AND THE OUTER LAMINATION SHALL BE OF A LIGHT COLOR.
- THE OUTER ENCASEMENT TUBE MUST BE VIRGIN MATERIAL, HIGH DESITY, 4 MIL THICKNESS, CROSS LAMINATED, WHITE IN COLOR

BOTH POLYETHYLENE ENCASEMENT MUST MEET ALL THE REQUIREMENTS OF ANSI A21.5 (AWWA C105).

CIRCUMFERENTIAL WRAPS OF PLASTIC ZIP TIES AREA TO BE PLACED AT THREE (3) FOOT INTERVALS ALONG THE BARREL OF THE PIPE TO MINIZE THE SPACE BETWEEN THE POLYETHYLENE WRAPPING AND THE PIPE.

COMPLETE THE INSTALLATION BY OVERLAPPING THE POLYETHYENE TUBE WRAP AT EACH END AND SEAL THE ENDS WITH PLASTIC ZIP TIES AND TAPE

ALL BAGS MIUST A MINIMUM OF TWENTY-TWO (22) FEET IN LENGTH AND OVERSIZED IN DIAMETER TO FIT OVER FITTINGS

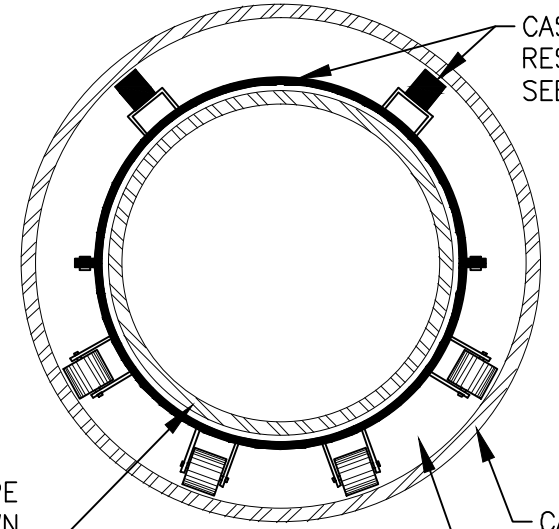
THIS STANDARD APPLIES TO ALL DUCTILES IRON INSTALLATION METHODS INCLUDING OPEN CUT. DIRECTIONAL DRILLING AND PLACEMENT IN A CASING.

NOTE: ONLY V-BIO WRAP SHALL BE USED ON DECTILE IRON WATER MAIN. DISREARD REFERENCES TO THE OUTER WRAP/ ENCASEMENT

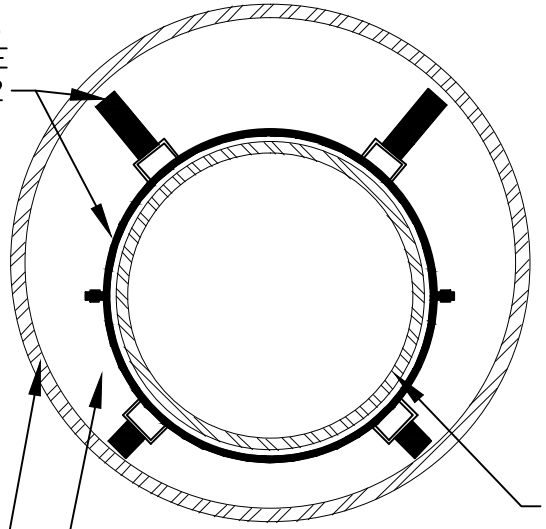
VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

CORROSION PROTECTION DETAIL

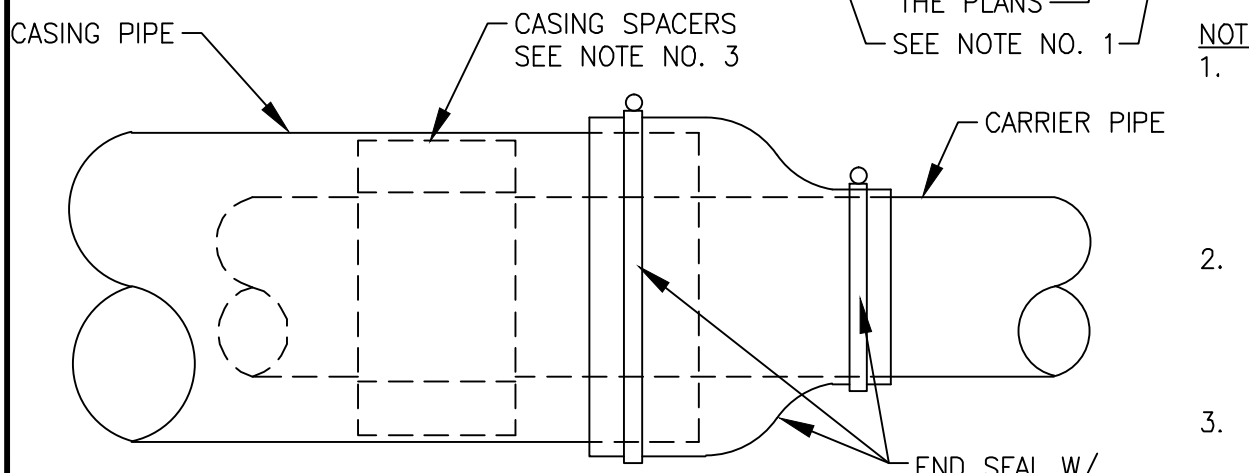
DESIGNED BY	SCALE: NONE
DRAWN BY: B&W	PROJECT NO.: 180900
CHECKED BY	SHEET NO.: F-11
DATE: NOV. 2025	



SECTION



SECTION



PROFILE

NOTES

1. FILLING OF ANNULAR SPACE BETWEEN CARRIER PIPE AND CASING PIPE WITH SAND OR PEA GRAVEL IS NOT REQUIRED WHEN UTILIZING CASING SPACERS, UNLESS CONTRACTOR IS INSTRUCTED TO DO SO ON PLANS OR IN SPECIFICATIONS.

2. WHERE CARRIER PIPE IS NOT CENTERED IN CASING PIPE, PROVIDE CASING SPACERS WITH LEGS THAT EXTEND TO WITHIN 1–INCH OF CASING INSIDE DIAMETER ON ALL SIDES (RESTRAINED TYPE).

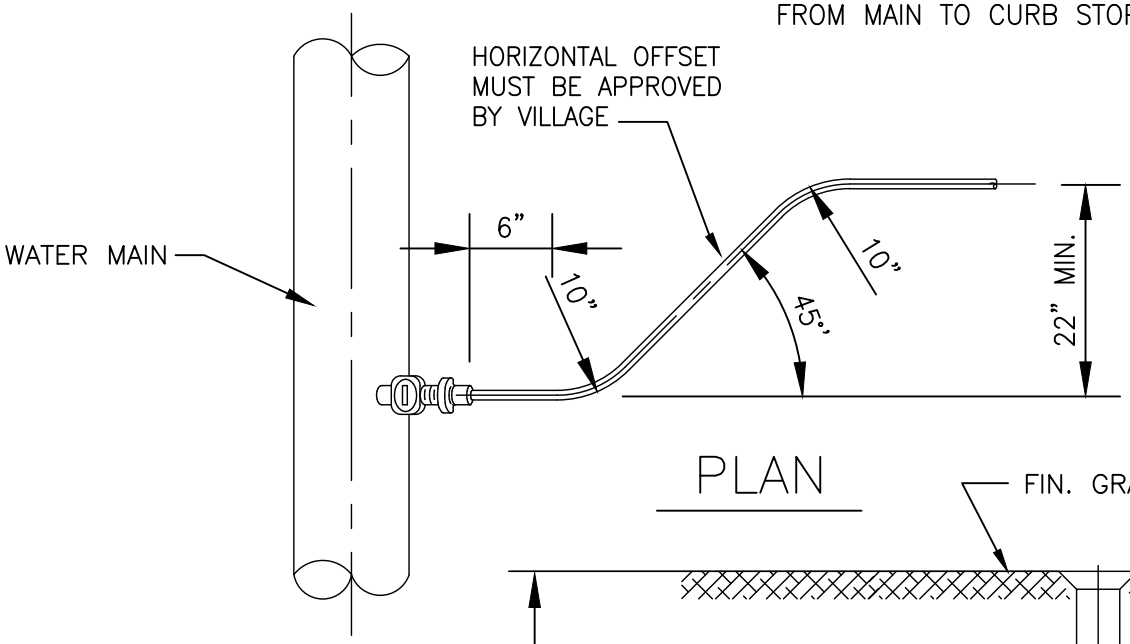
3. PROVIDE AMOUNT OF SPACERS AS INSTRUCTED BY SPACER MANUFACTURER, WITH A MINIMUM OF ONE SPACER ON EACH SIDE OF A PIPE JOINT, AND ONE SPACER BETWEEN JOINTS. (THREE PER PIPE LENGTH)

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

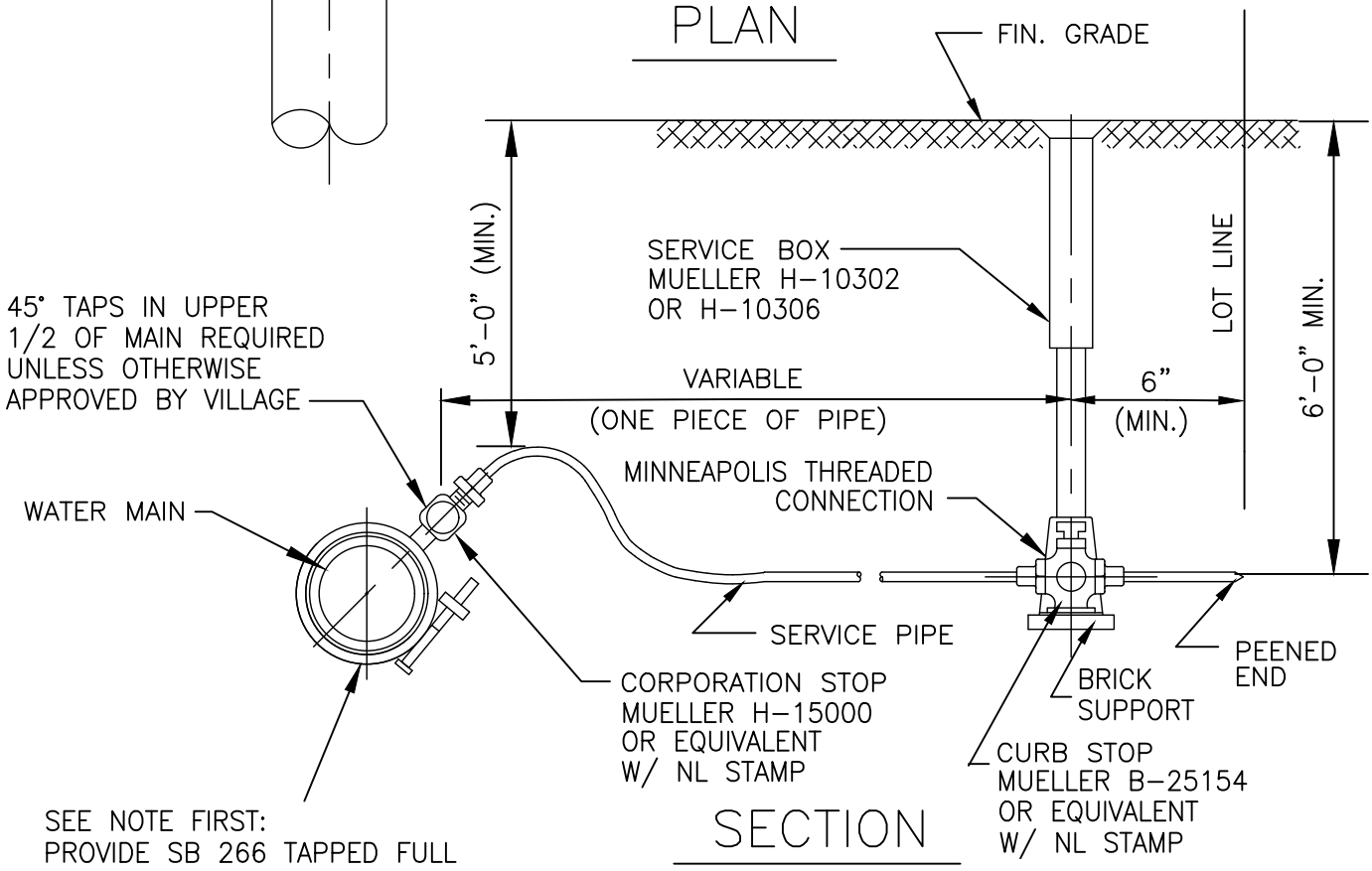
CASING DETAIL

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO. F-12
DATE MAR. 2020	

NOTE:
WATER SERVICE SHALL BE STRAIGHT FROM MAIN TO CURB STOP



PLAN



SECTION

SEE NOTE FIRST:
PROVIDE SB 266 TAPPED FULL CIRCLE CLAMP SINGLE BAND OR EQUIVALENT

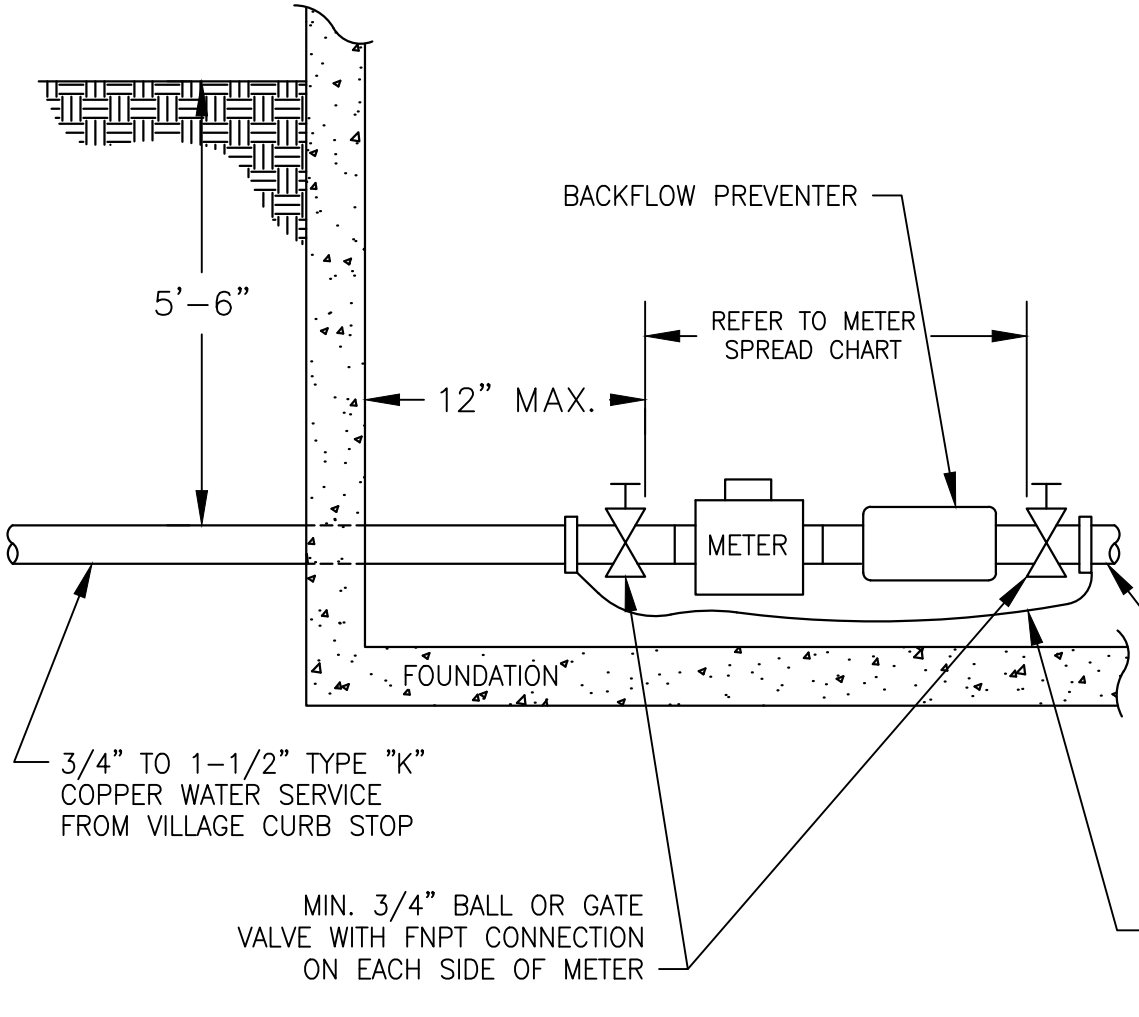
SERVICE PIPE	CORP. STOP	CURB STOP	SERVICE BOX
3/4"	3/4"	3/4"	1 1/2"
1"	1"	1"	1 1/2"
1 1/2"	1 1/2"	1 1/2"	2"
2"	2"	2"	2"

NOTES:
1. DIRECT TAP IS REQUIRED WITH NEW WATER MAIN INSTALLATION.
2. OTHER METHODS MAY BE APPROVED BY THE VILLAGE.

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

WATER SERVICE INSTALLATION

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE NOV. 2025	F-13



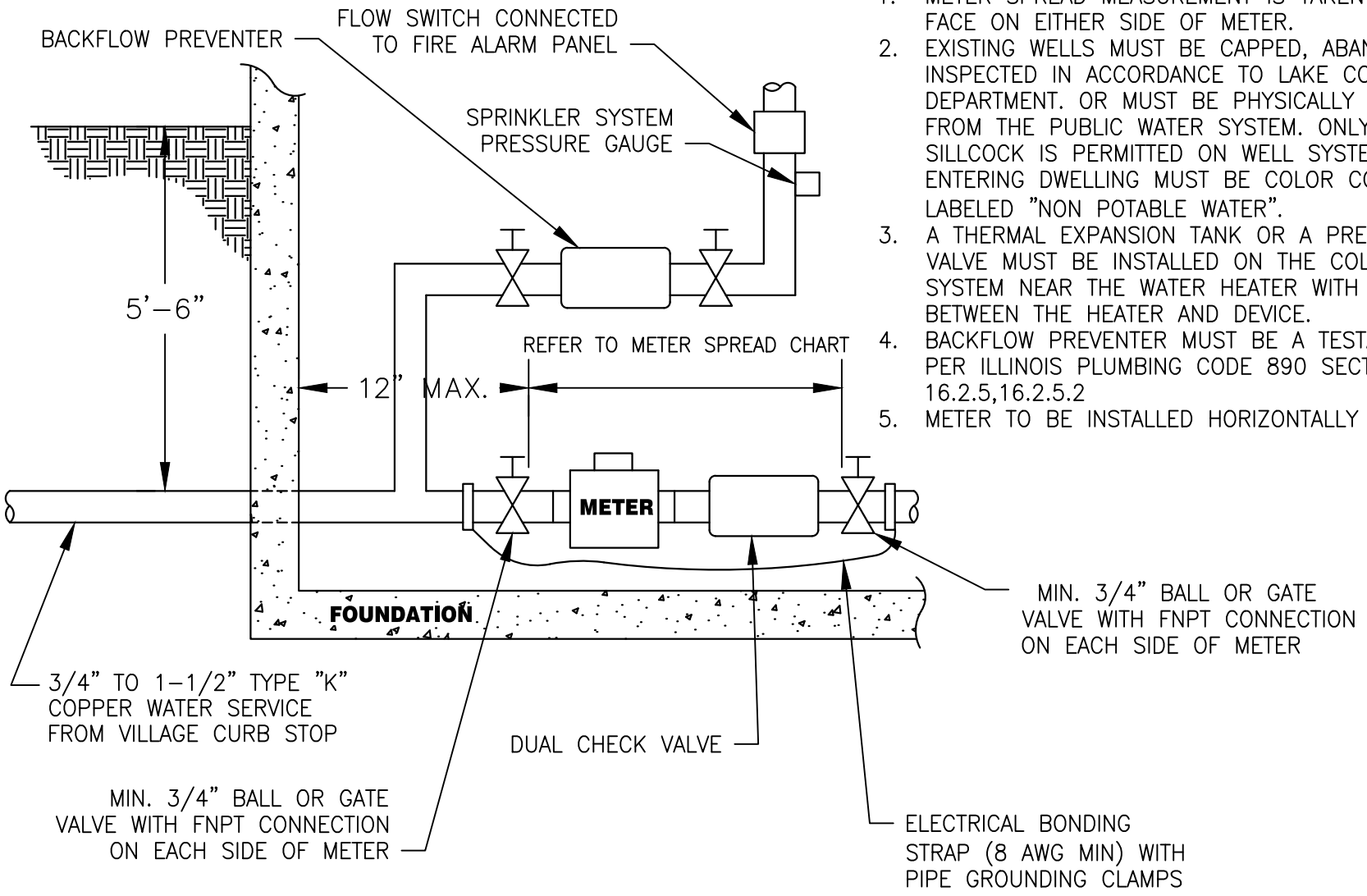
NOTES:

1. METER SPREAD MEASUREMENT IS TAKEN FROM VALVE FACE ON EITHER SIDE OF METER.
2. EXISTING WELLS MUST BE CAPPED, ABANDONED AND INSPECTED IN ACCORDANCE TO LAKE COUNTY HEALTH DEPARTMENT. OR MUST BE PHYSICALLY DISCONNECTED FROM THE PUBLIC WATER SYSTEM. ONLY ONE EXTERIOR SILLCOCK IS PERMITTED ON WELL SYSTEM. WELL PIPING ENTERING DWELLING MUST BE COLOR CODED AND LABELED "NON POTABLE WATER".
3. A THERMAL EXPANSION TANK OR A PRESSURE RELIEF VALVE MUST BE INSTALLED ON THE COLD WATER SYSTEM NEAR THE WATER HEATER WITH NO SHUT–OFF BETWEEN THE HEATER AND DEVICE.
4. A BACKFLOW PREVENTER (DUAL CHECK VALVE) MUST BE INSTALLED AFTER THE METER.
5. THE METER MUST PICKED UP AT THE PUBLIC WORKS DEPARTMENT AND INSTALLED BY A LICENSED PLUMBER. A FINAL METER INSPECTION IS REQUIRED.
6. METER TO BE INSTALLED HORIZONTALLY.

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

RESIDENTIAL WATER METER SYSTEM

DESIGNED BY	SCALE: NONE
DRAWN BY: B&W	PROJECT NO.: 180900
CHECKED BY	SHEET NO.: F-14
DATE: NOV. 2025	



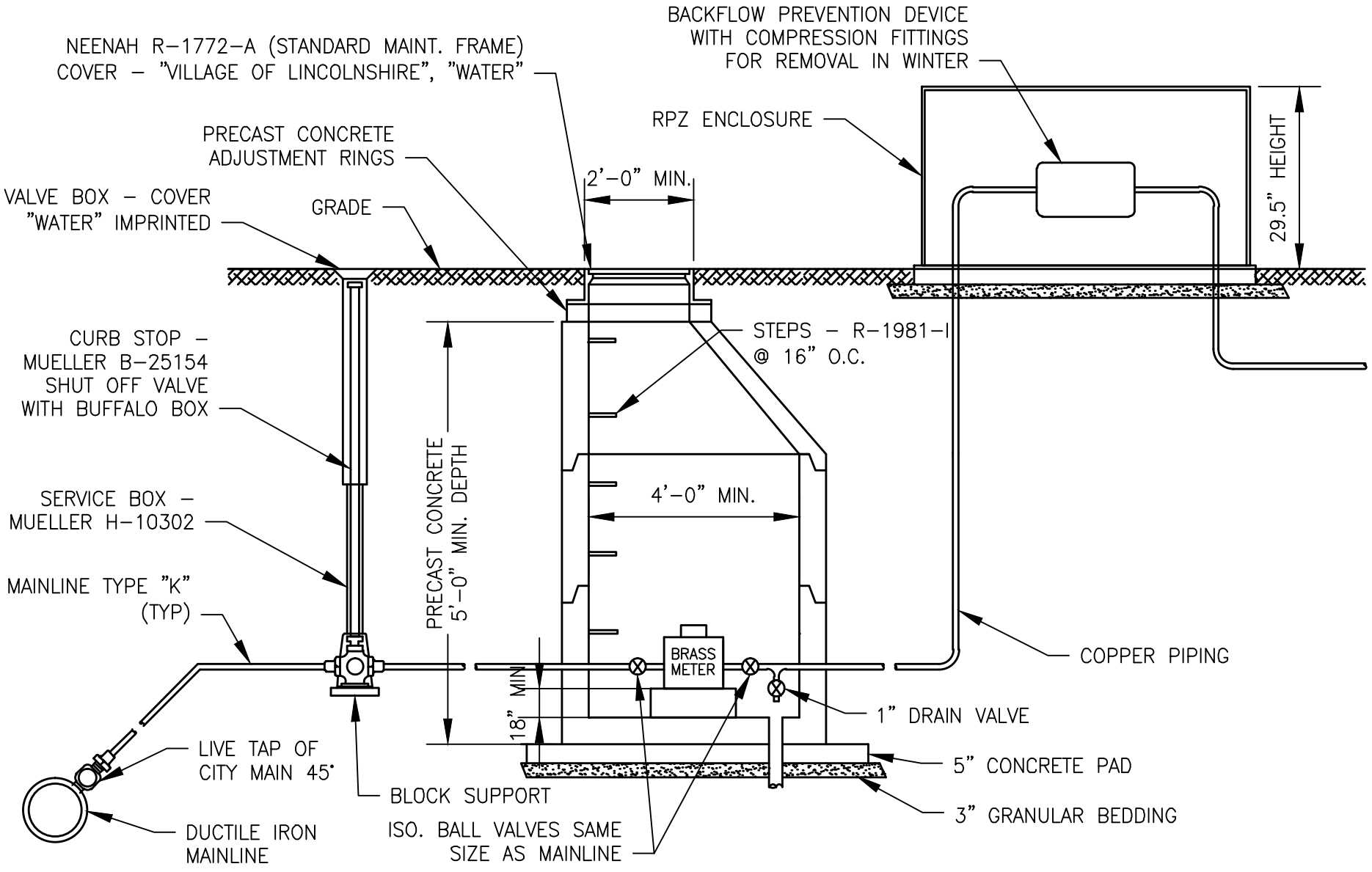
NOTES:

1. METER SPREAD MEASUREMENT IS TAKEN FROM VALVE FACE ON EITHER SIDE OF METER.
2. EXISTING WELLS MUST BE CAPPED, ABANDONED AND INSPECTED IN ACCORDANCE TO LAKE COUNTY HEALTH DEPARTMENT. OR MUST BE PHYSICALLY DISCONNECTED FROM THE PUBLIC WATER SYSTEM. ONLY ONE EXTERIOR SILLCOCK IS PERMITTED ON WELL SYSTEM. WELL PIPING ENTERING DWELLING MUST BE COLOR CODED AND LABELED "NON POTABLE WATER".
3. A THERMAL EXPANSION TANK OR A PRESSURE RELIEF VALVE MUST BE INSTALLED ON THE COLD WATER SYSTEM NEAR THE WATER HEATER WITH NO SHUT–OFF BETWEEN THE HEATER AND DEVICE.
4. BACKFLOW PREVENTER MUST BE A TESTABLE DEVICE PER ILLINOIS PLUMBING CODE 890 SECTIONS 8.16.4.6, 16.2.5,16.2.5.2
5. METER TO BE INSTALLED HORIZONTALLY

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

RESIDENTIAL WATER METER AND FIRE SPRINKLER SYSTEM

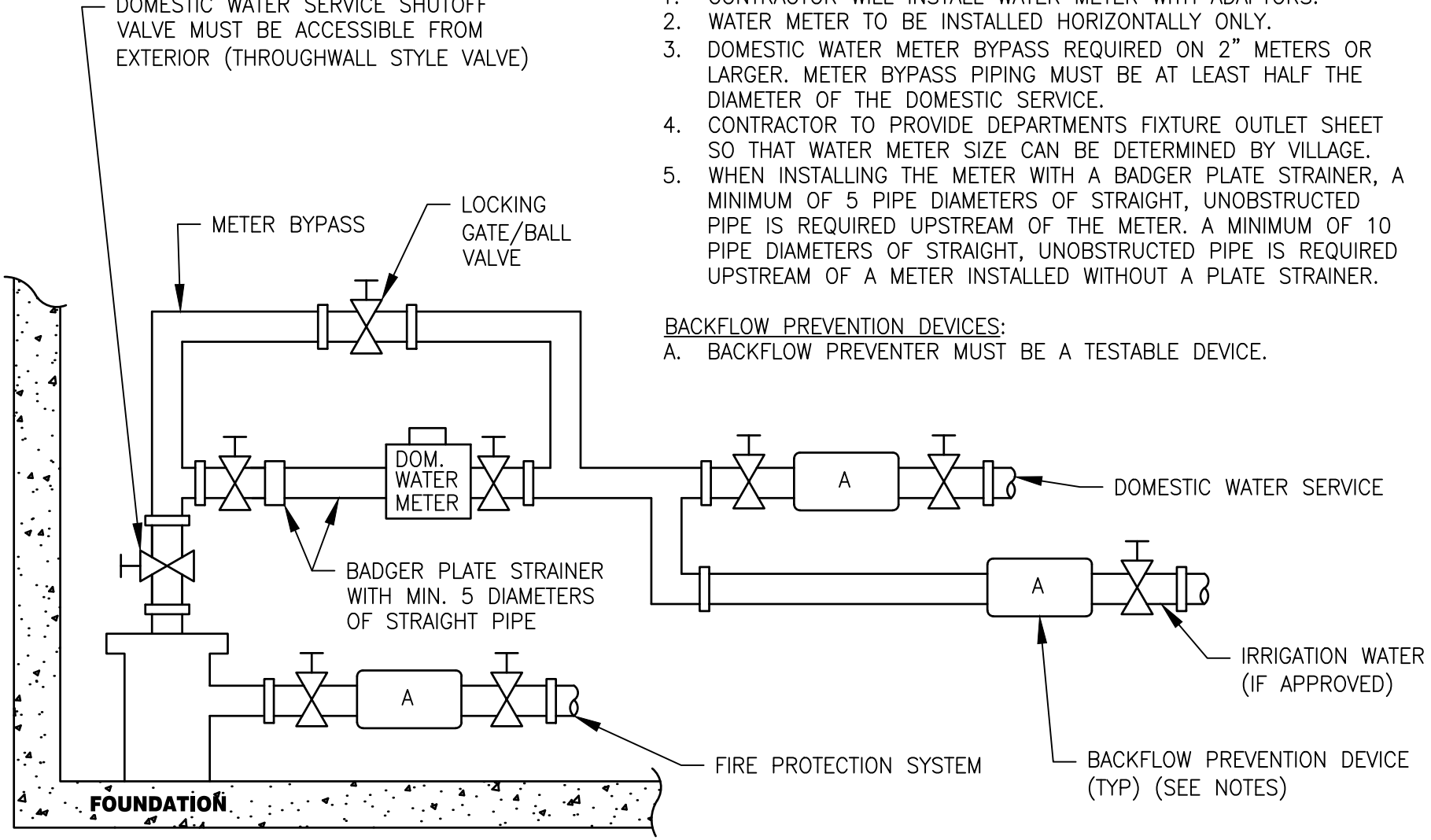
DESIGNED BY	SCALE: NONE
DRAWN BY: B&W	PROJECT NO.: 180900
CHECKED BY	SHEET NO.: F-15
DATE: NOV. 2025	



VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

IRRIGATION METER DETAIL

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO. F-16
DATE MAR. 2020	



NOTES:

1. CONTRACTOR WILL INSTALL WATER METER WITH ADAPTORS.
2. WATER METER TO BE INSTALLED HORIZONTALLY ONLY.
3. DOMESTIC WATER METER BYPASS REQUIRED ON 2" METERS OR LARGER. METER BYPASS PIPING MUST BE AT LEAST HALF THE DIAMETER OF THE DOMESTIC SERVICE.
4. CONTRACTOR TO PROVIDE DEPARTMENTS FIXTURE OUTLET SHEET SO THAT WATER METER SIZE CAN BE DETERMINED BY VILLAGE.
5. WHEN INSTALLING THE METER WITH A BADGER PLATE STRAINER, A MINIMUM OF 5 PIPE DIAMETERS OF STRAIGHT, UNOBSTRUCTED PIPE IS REQUIRED UPSTREAM OF THE METER. A MINIMUM OF 10 PIPE DIAMETERS OF STRAIGHT, UNOBSTRUCTED PIPE IS REQUIRED UPSTREAM OF A METER INSTALLED WITHOUT A PLATE STRAINER.

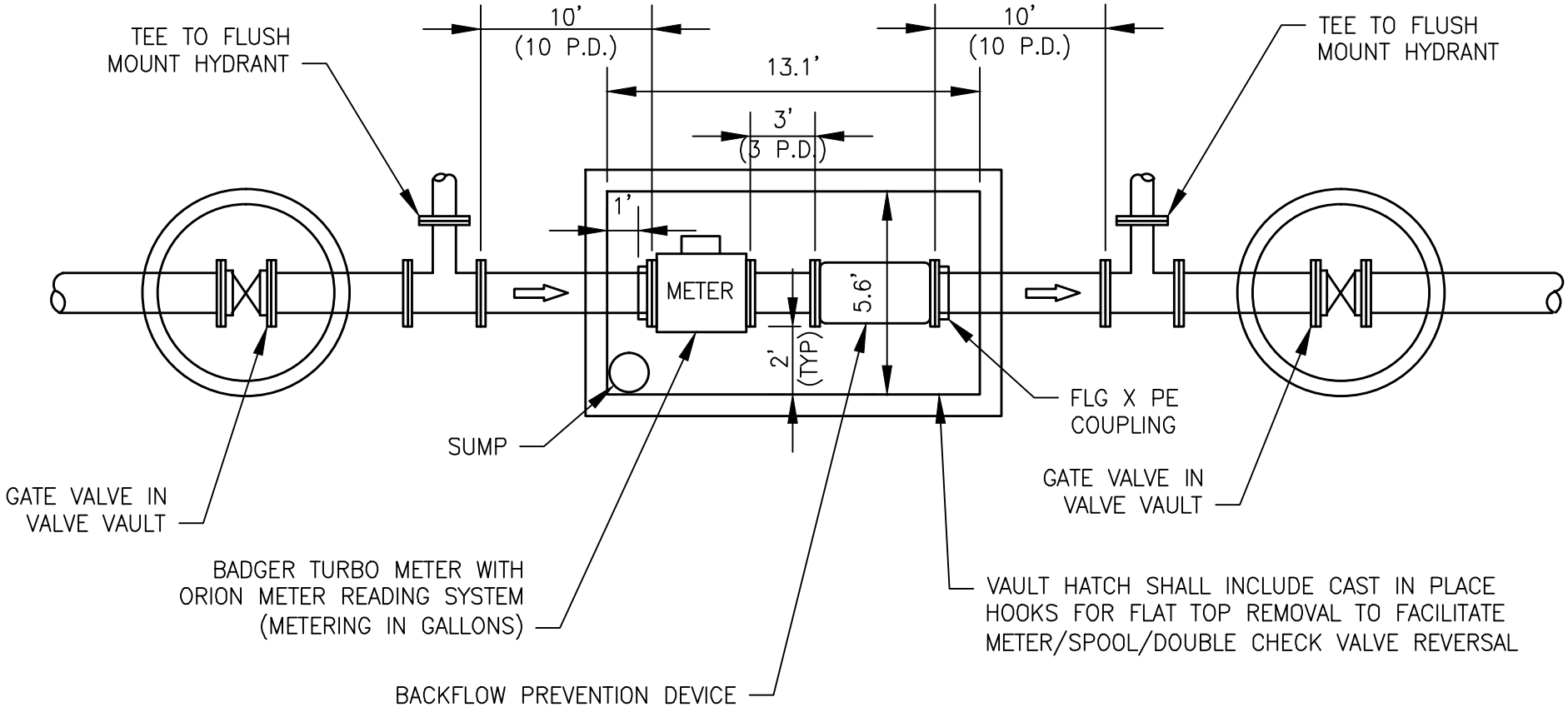
BACKFLOW PREVENTION DEVICES:

A. BACKFLOW PREVENTER MUST BE A TESTABLE DEVICE.

VILLAGE OF LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

COMMERCIAL WATER METER SYSTEM

DESIGNED BY	SCALE: NONE
DRAWN BY: B&W	PROJECT NO.: 180900
CHECKED BY	SHEET NO.: F-17
DATE: NOV.2025	



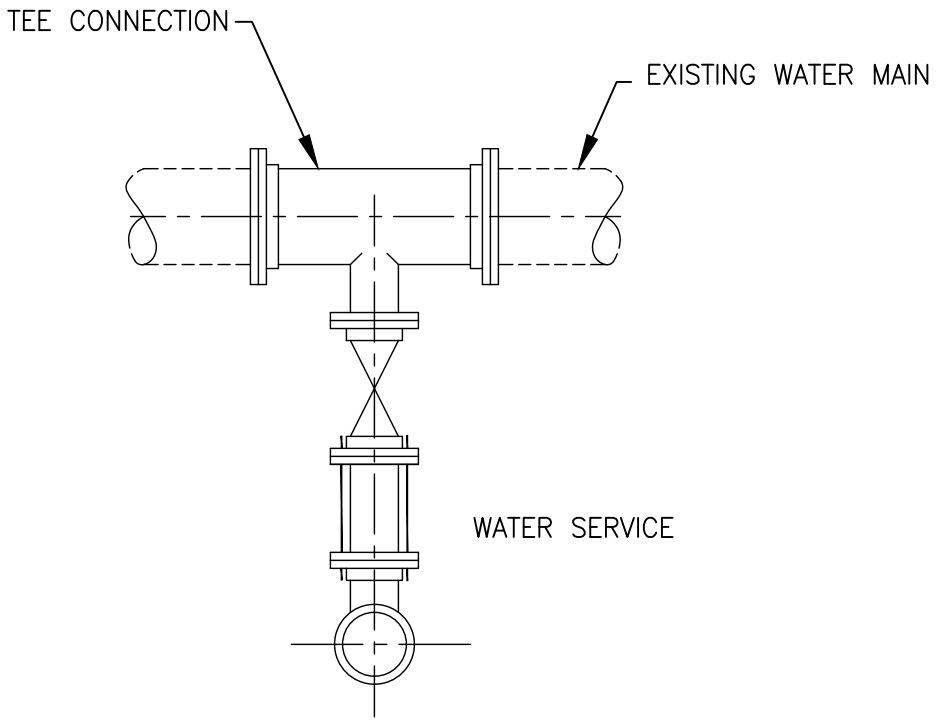
VILLAGE OF LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

EMERGENCY WATER INTERCONNECTION

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO. F-18
DATE MAR. 2020	

NOTES:

1. OPTIONS FOR DISCONNECT ARE BASED ON INFRASTRUCTURE AGE, MATERIAL AND LOCATION. VILLAGE WILL APPROVE ONE OF THE TWO OPTIONS.
2. OPTION 1.
   a. DISCONNECT SERVICE FROM TEE CONNECTION. PLUG TEE AND REPLACE BOLTS ON EXISTING TEE. CAP DISCONNECTED SERVICE. SUBJECT TO VILLAGE INSPECTION AND APPROVAL.
3. OPTION 2.
   b. DISCONNECT SERVICE FROM TEE CONNECTION. REMOVE TEE FROM WATER MAIN. INSTALL PIPE SECTION WHERE EXISTING TEE WAS LOCATED. ATTACH PIPE SECTION WITH COUPLINGS (HY-MAX, DIP MJ SLEEVE). CAP DISCONNECTED SERVICE. SUBJECT TO VILLAGE INSPECTION AND APPROVAL.



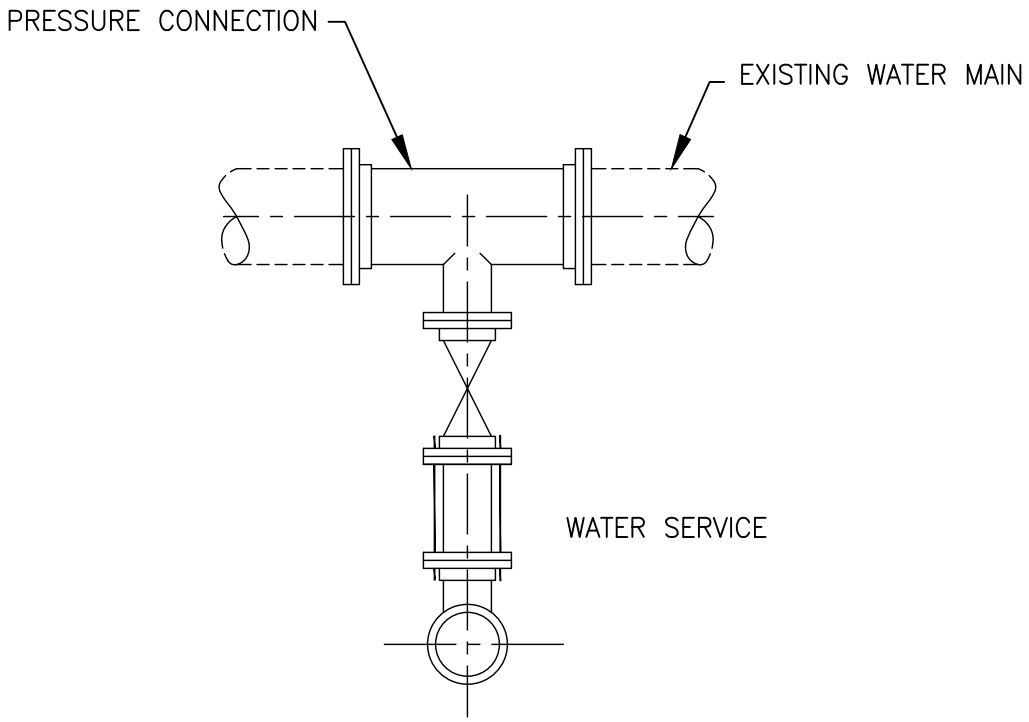
VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

WATER DISCONNECT
(3" AND LARGER)

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE SEP. 2021	F-19

NOTES:

1. OPTION 1.
   a. DISCONNECT SERVICE FROM PRESSURE CONNECTION. REMOVE ENTIRE PRESSURE CONNECTION (SLEEVE, SADDLE OR SPLIT TEE). INSTALL STAINLESS STEEL SLEEVE OVER WATER MAIN WHERE TAP WAS MADE SUBJECT TO VILLAGE INSPECTION AND APPROVAL.
   b. IF SERVICE CONNECTION IS TAPPED ON A COLLAR, JOINT, OR OTHER AREA OF WATER MAIN, THE ENTIRE CONNECTION INCLUDING COLLAR, JOINT OR OTHER MUST BE REMOVED AND REPLACED WITH PIPE SECTION. PIPE SECTION MUST BE INSTALLED USING COUPLERS



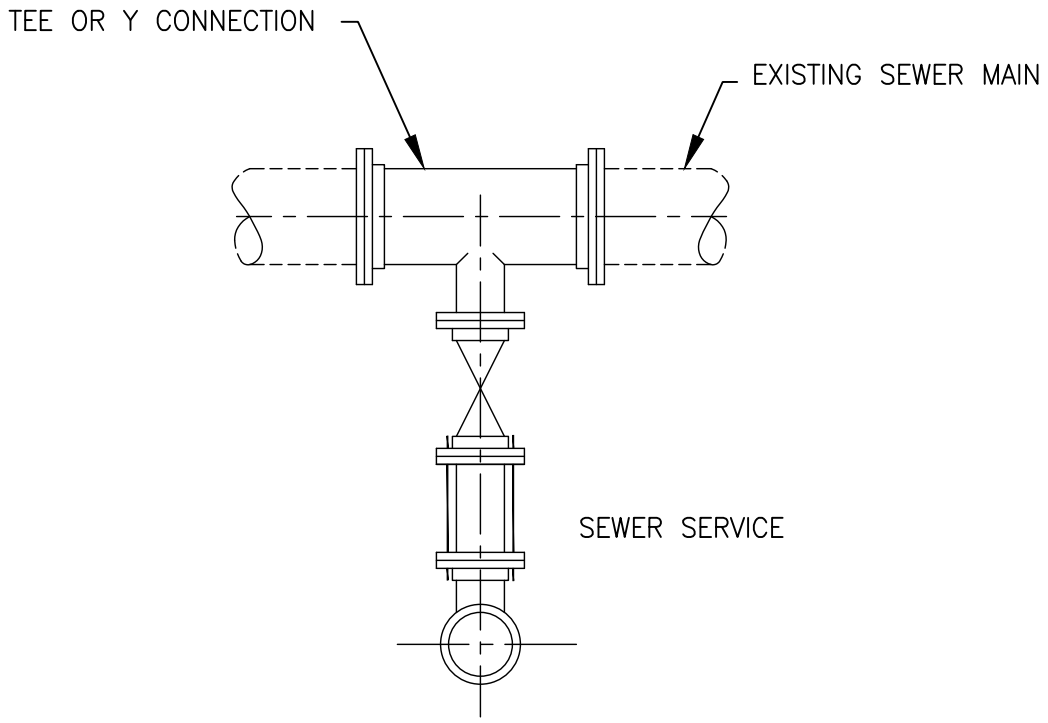
VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

WATER DISCONNECT
(PRESSURE CONNECTIONS)
(2" AND SMALLER)

DESIGNED BY	SCALE: NONE
DRAWN BY: B&W	PROJECT NO.: 180900
CHECKED BY	SHEET NO.: F-20
DATE: NOV. 2025	

NOTES:

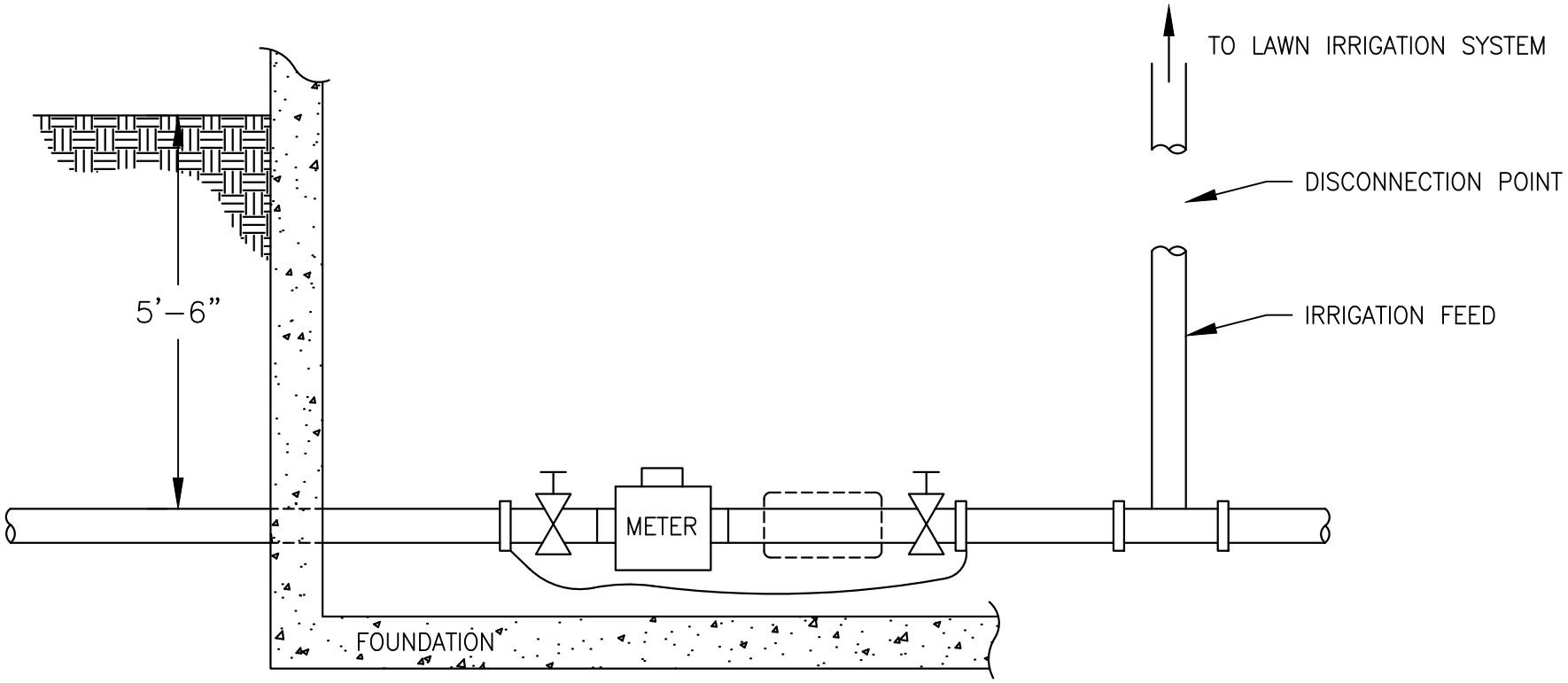
1. OPTION 1.
   a. DISCONNECT SERVICE FROM MAIN. CAP DISCONNECTED SERVICE. REMOVE ENTIRE TEE OR Y CONNECTION. INSTALL PIPE SECTION WHERE EXISTING TAP WAS MADE. ATTACH PIPE SECTION USING NON–SHEAR COUPLINGS OR APPROVED BY VILLAGE.



VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

SEWER DISCONNECT (SERVICE AND MAINS)

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE SEP. 2021	F-21



NOTES:

1. DISCONNECT IRRIGATION LINE FROM/AT SOURCE.
2. CAP BOTH END OF IRRIGATION FEED.
3. CLOSE VALVE ON IRRIGATION FEED.
4. PHYSICALLY REMOVE BACKFLOW PREVENTER.

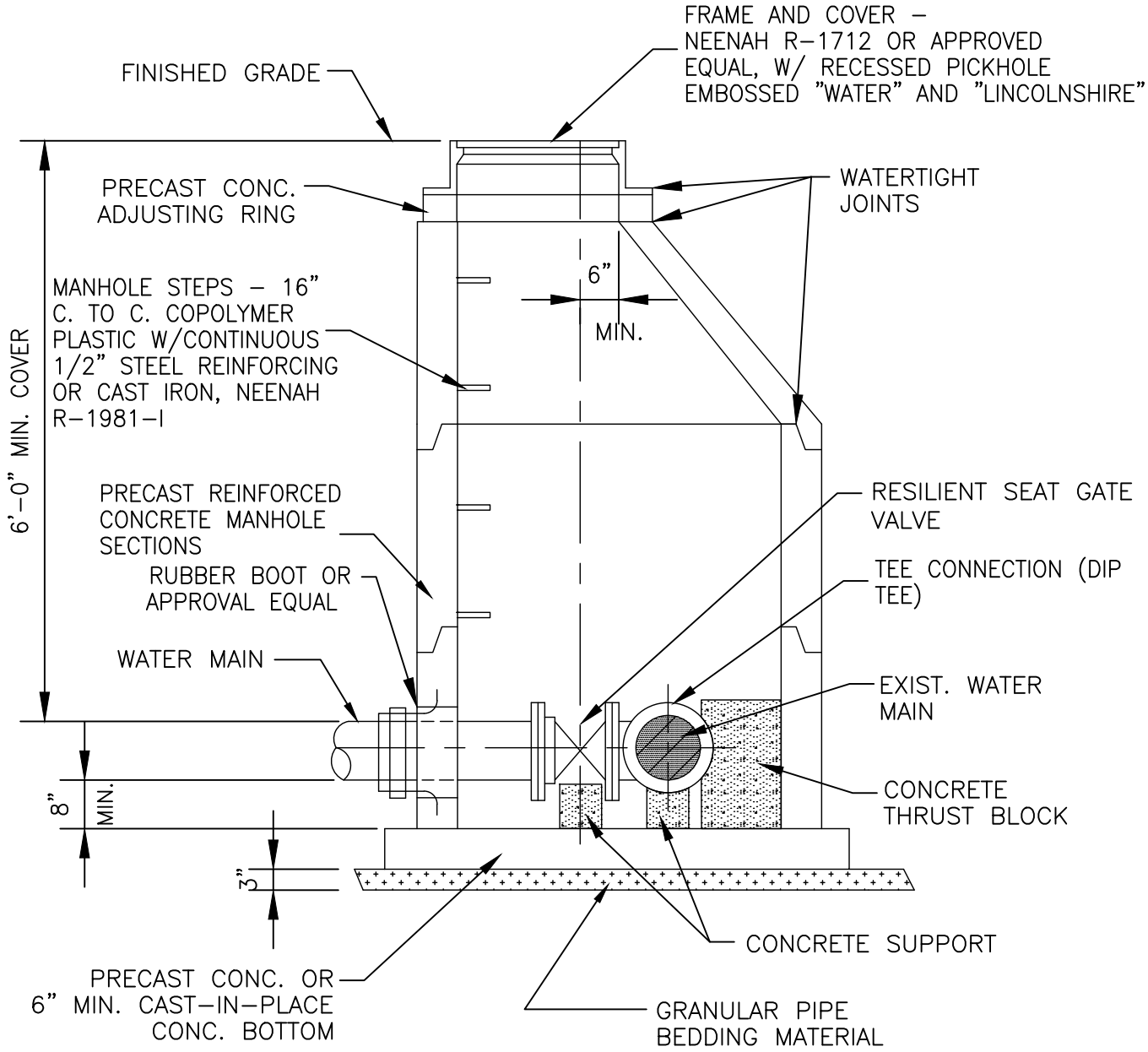
VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

IRRIGATION DISCONNECT

DESIGNED BY	SCALE: NONE
DRAWN BY: B&W	PROJECT NO.: 180900
CHECKED BY	SHEET NO.: F-22
DATE: SEP. 2021	

NOTES:

1. ECCENTRIC OR CONCENTRIC CONE REQUIRED
2. USE 5'–0" ID (INSIDE DIAMETER) VAULT (MINIMUM)



VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

WATER MAIN CONNECTION
VALVE VAULT DETAIL

DESIGNED BY	SCALE: NONE
DRAWN BY: B&W	PROJECT NO.: 180900
CHECKED BY	SHEET NO.: F-23
DATE: SEP. 2021	

WATER SHUTDOWN PROCEDURES

1. WATER SHUTDOWNS ARE TO BE CALLED INTO THE VILLAGE AT LEAST 24HRS IN ADVANCE.
2. SHUTDOWNS ARE AUTHORIZED ON TUESDAYS, WEDNESDAYS, AND THURSDAYS. SHUTDOWNS START AT 7AM IN COMMERCIAL AREAS AND 8AM IN RESIDENTIAL AREAS.
3. CONTRACTORS REQUESTING SHUTDOWN WILL BE RESPONSIBLE FOR COORDINATING WITH VILLAGE STAFF ABOUT SHUTDOWN, TO ALLOW VILLAGE STAFF TO DELIVER CONSTRUCTION NOTICES TO ALL AFFECTED CUSTOMERS, 24HRS IN ADVANCE OF ANY WORK.
4. AREA AFFECTED BY SHUTDOWN WILL GO INTO A "24HR BOIL ORDER" AND THE VILLAGE WILL PULL SAMPLE(S) AND HAVE THE WATER TESTED AT THE LAB.
5. VILLAGE WILL DISTRIBUTE "BOIL ORDER LIFTED" NOTICES AFTER SAMPLE(S) CLEARED.
6. NO WEEKEND SHUTDOWNS.
7. ALL SHUTDOWN PROCEDURES ARE SUBJECT TO UTILITIES SUPERINTENDENT APPROVAL.

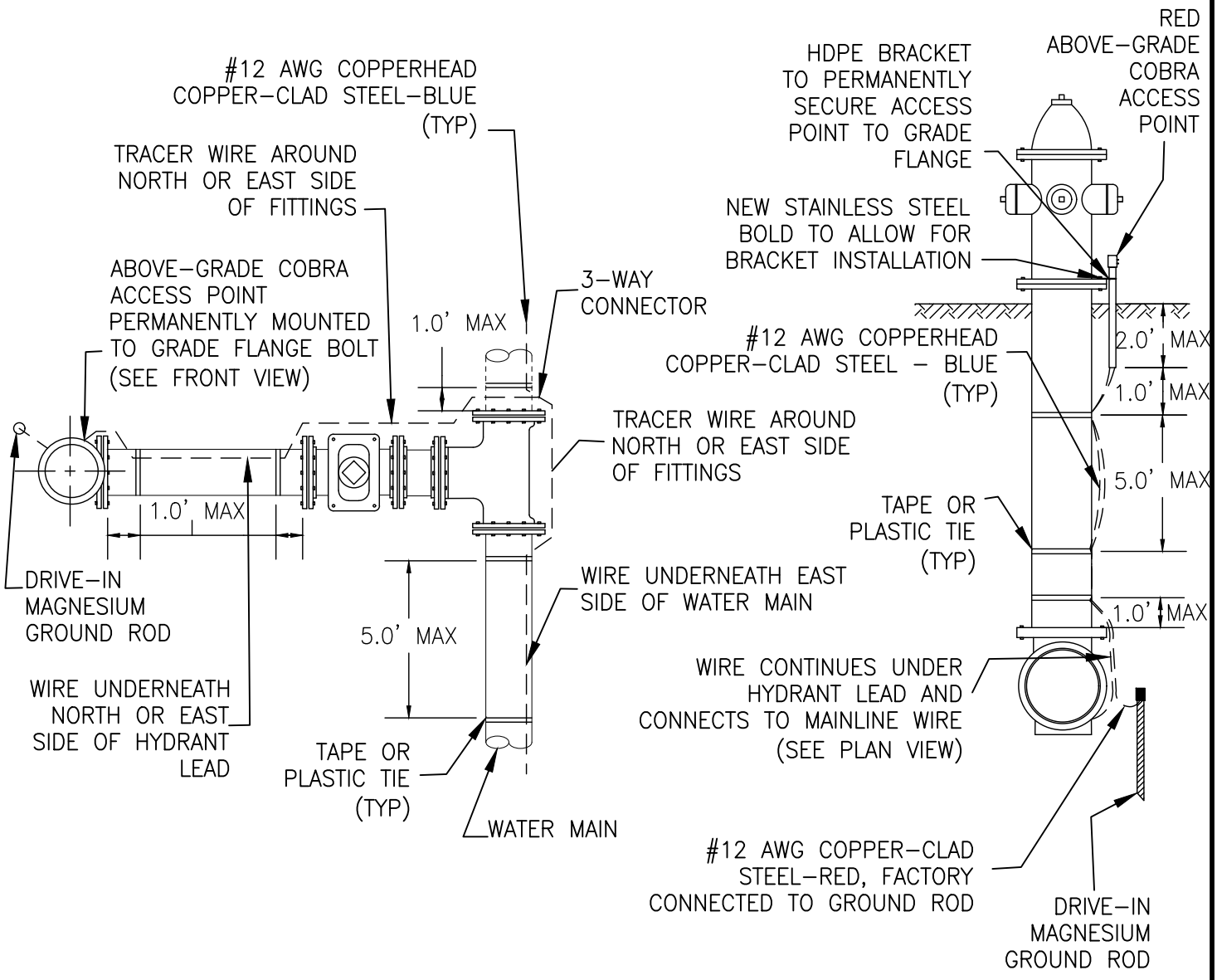
VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

WATER SHUTDOWN

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 2500491
CHECKED BY	SHEET NO.
DATE MAR. 2025	F-24

NOTES:

1. INSTALL/ANCHOR STAINLESS STEEL THREADED STUD (3/8" OR 1/2") IN THE CHIMNEY OF WATER VAULT NO MORE THAN 12" BELOW LID.
2. CONNECT TRACER WIRE TO STAINLESS STEEL THREADED STUD USING ELECTRICAL EYELET, FASTER OR WRAP WIRE AROUND STUD AND FASTEN TIGHT WITH WASHER AND NUT.
3. ENSURE WIRE IS NOT BROKEN WHILE MAKING CONNECTION.
4. 12 GAUGE JACKETED COPPER WIRE.



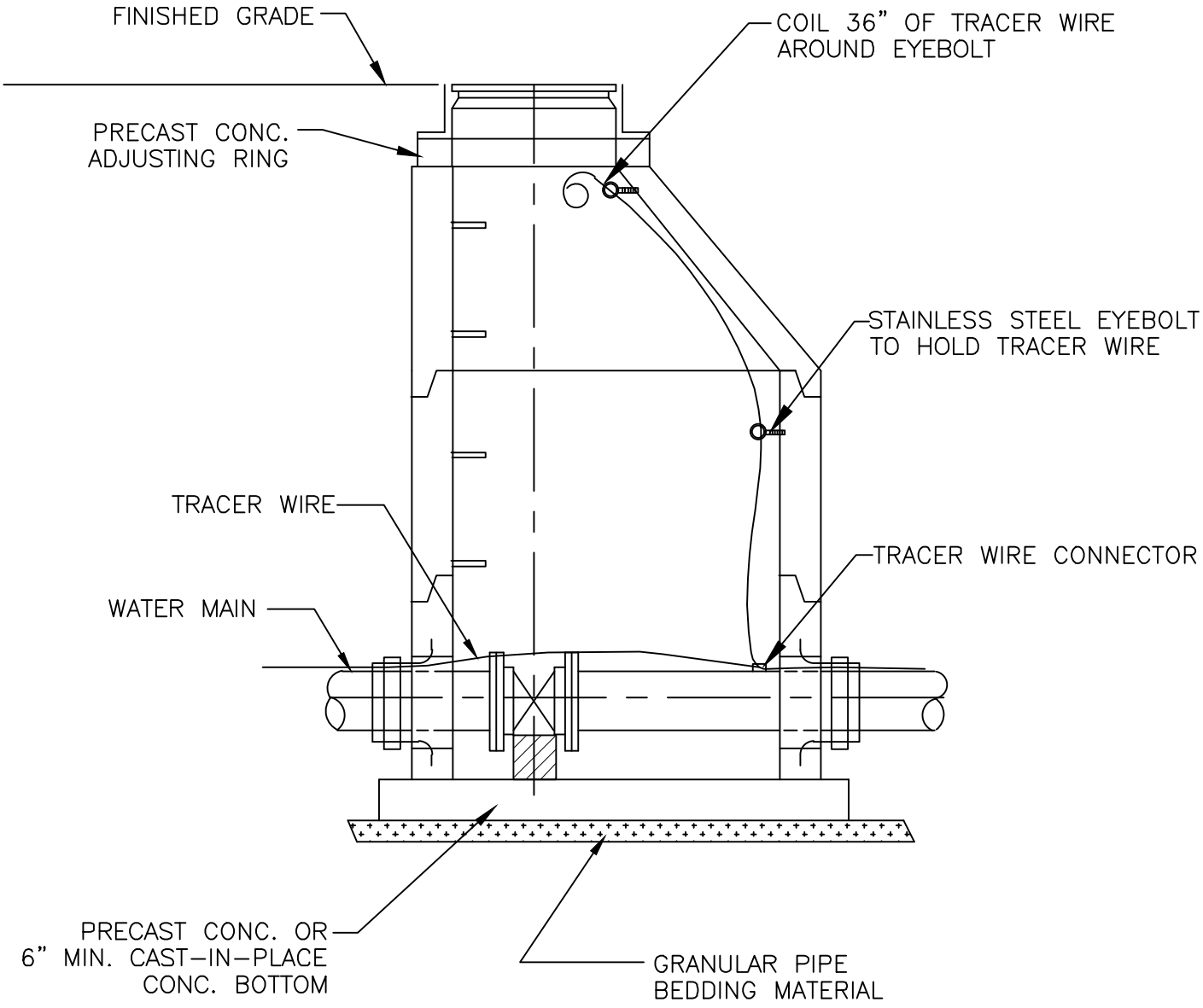
VILLAGE OF LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

HYDRANT TRACER WIRE INSTALLATION

DESIGNED BY	SCALE: NONE
DRAWN BY: B&W	PROJECT NO.: 180900
CHECKED BY	SHEET NO.: F-25
DATE: NOV. 2025	

NOTES:

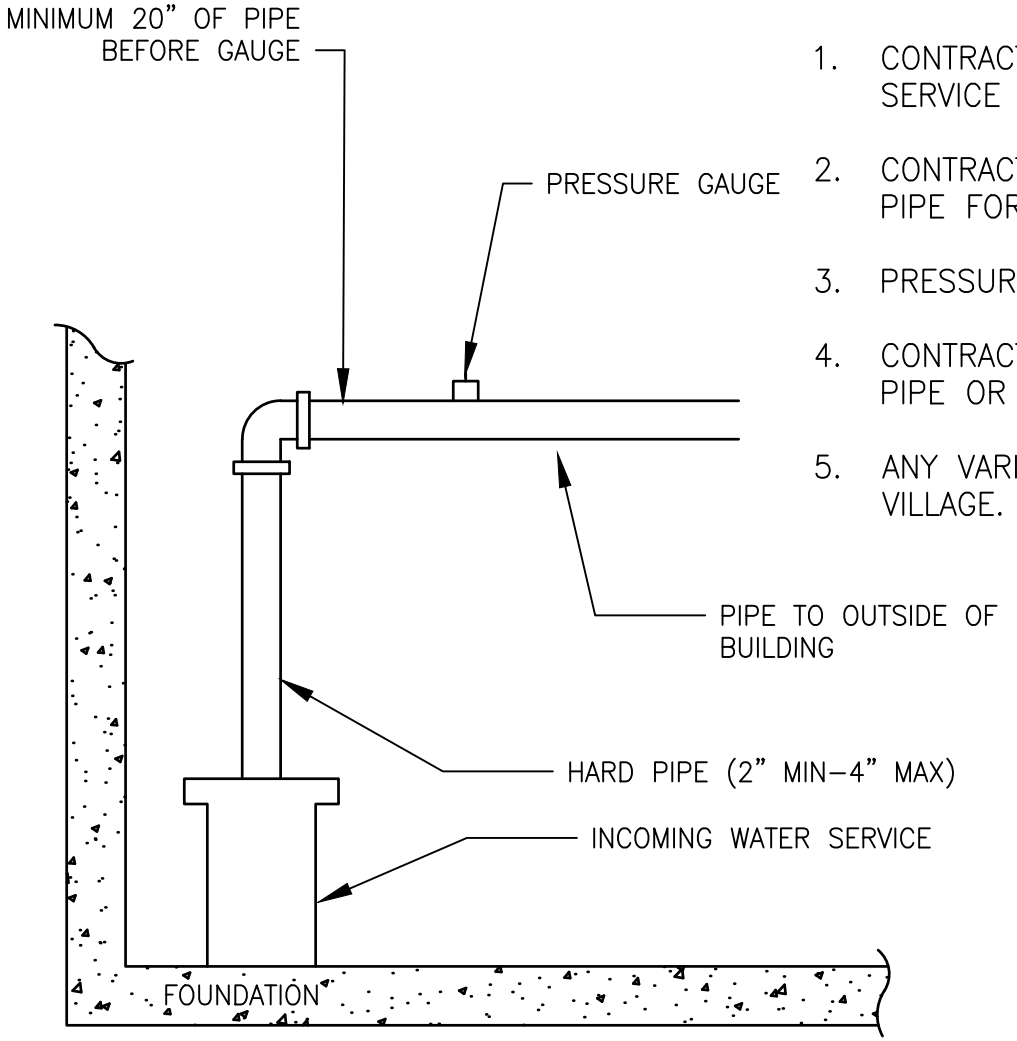
1. INSTALL/ANCHOR STAINLESS STEEL THREADED STUD (3/8" OR 1/2") IN THE CHIMNEY OF WATER VAULT NO MORE THAN 12" BELOW LID.
2. CONNECT TRACER WIRE TO STAINLESS STEEL THREADED STUD USING ELECTRICAL EYELET, FASTER OR WRAP WIRE AROUND STUD AND FASTEN TIGHT WITH WASHER AND NUT.
3. ENSURE WIRE IS NOT BROKEN WHILE MAKING CONNECTION.
4. 12 GAUGE JACKETED COPPER WIRE.



VILLAGE OF LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

WATER VAULT TRACER WIRE INSTALLATION

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE DEC. 2022	F-26



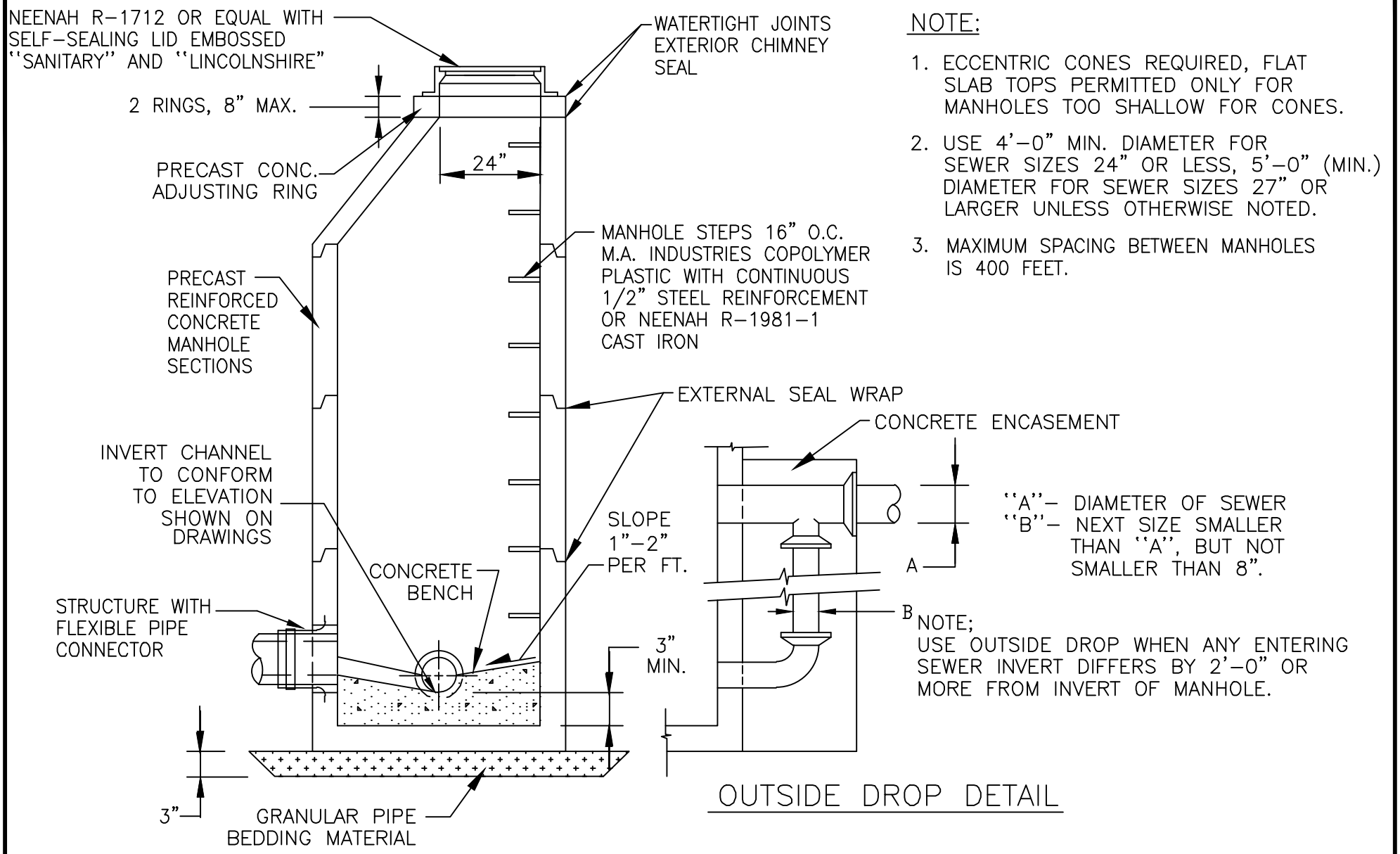
NOTES:

1. CONTRACTOR SHALL INSTALL HARD PIPE FROM INCOMING WATER SERVICE TO OUTSIDE THE BUILDING.
2. CONTRACTOR SHALL INSTALL FIXED PRESSURE GAUGE ON HARD PIPE FOR PRESSURE READING.
3. PRESSURE GAUGE MUST READ IN 2 PSI INCREMENTS OR LESS.
4. CONTRACTOR SHALL HAVE A MINIMUM OF 20 FEET OF STRAIGHT PIPE OR LAYFLAT HOSE AFTER THE PRESSURE GAUGE.
5. ANY VARIATION OF THIS SETUP MUST BE APPROVED BY THE VILLAGE.

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

WATER SERVICE FLUSH

DESIGNED BY	SCALE: NONE
DRAWN BY: B&W	PROJECT NO.: 180900
CHECKED BY	SHEET NO.: F-27
DATE: NOV. 2025	



OUTSIDE DROP DETAIL

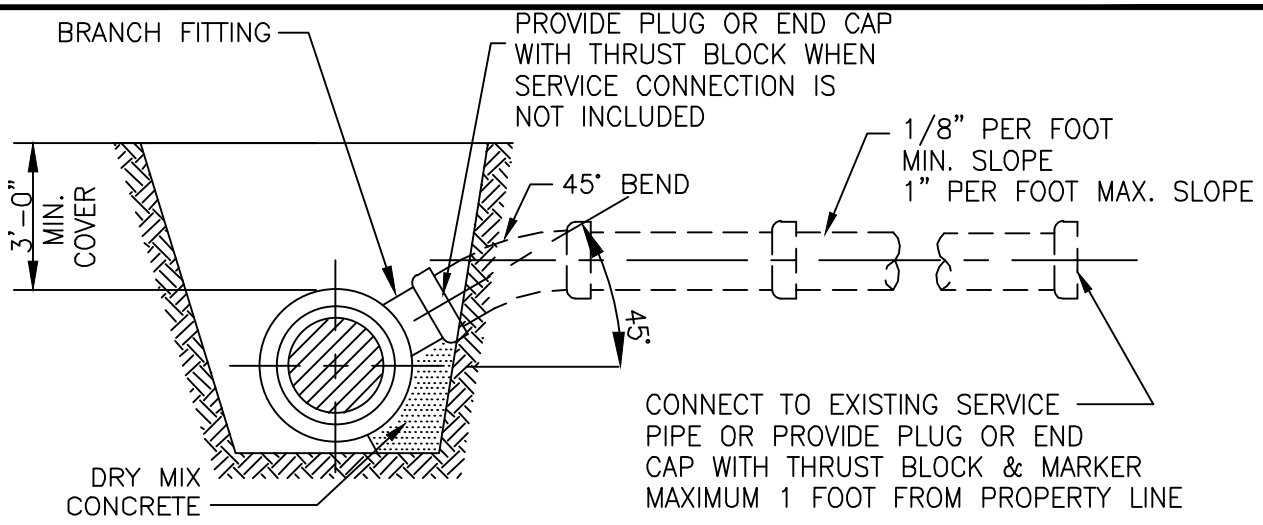
NOTE:

1. ECCENTRIC CONES REQUIRED, FLAT SLAB TOPS PERMITTED ONLY FOR MANHOLES TOO SHALLOW FOR CONES.
2. USE 4'-0" MIN. DIAMETER FOR SEWER SIZES 24" OR LESS, 5'-0" (MIN.) DIAMETER FOR SEWER SIZES 27" OR LARGER UNLESS OTHERWISE NOTED.
3. MAXIMUM SPACING BETWEEN MANHOLES IS 400 FEET.

VILLAGE OF LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

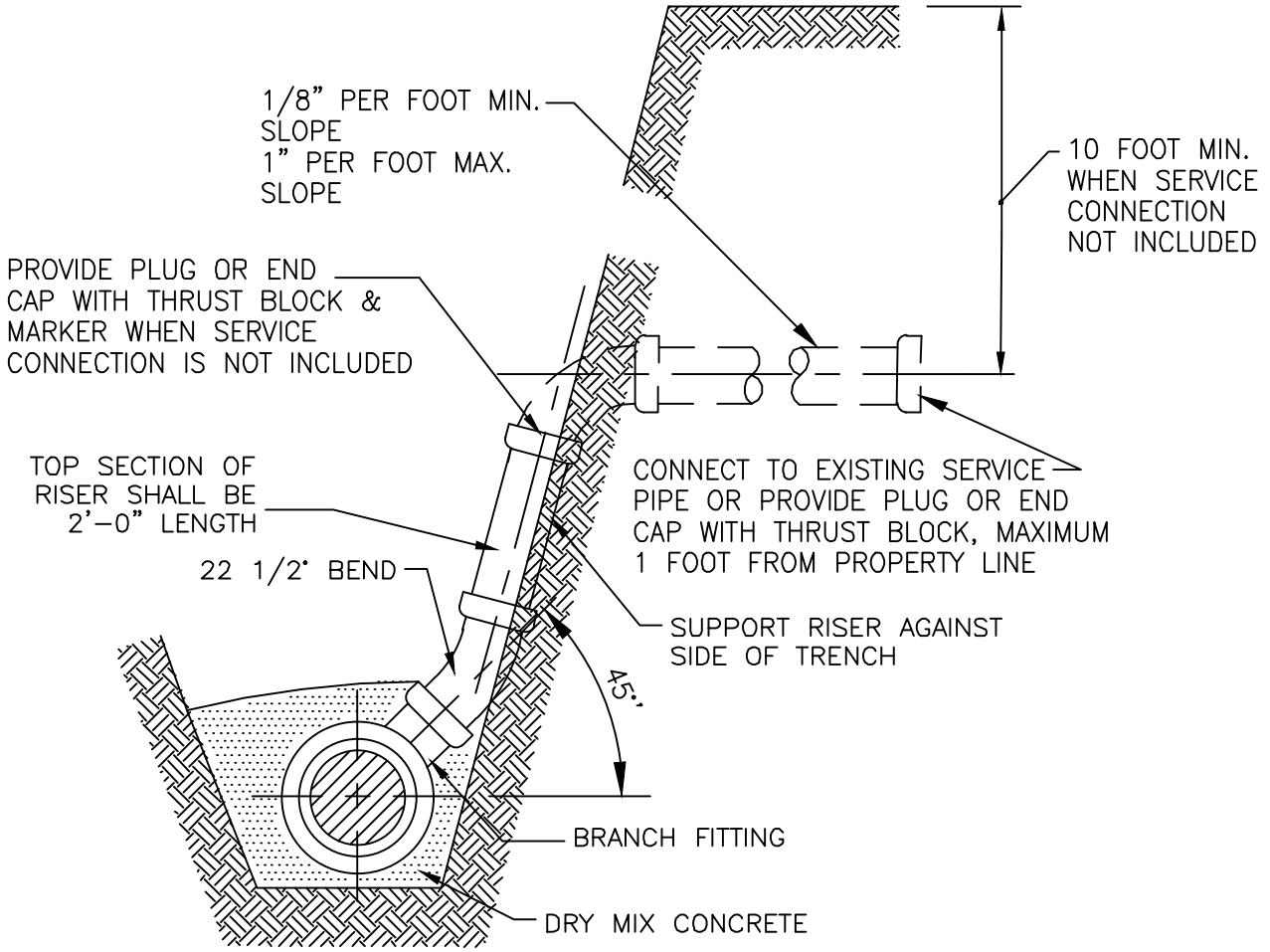
SANITARY MANHOLE DETAIL

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO. G-1
DATE MAR. 2020	



SANITARY SEWER SERVICE DETAIL

FOR SEWER INVERT DEPTHS TO 12 FEET
(NEW CONSTRUCTION)



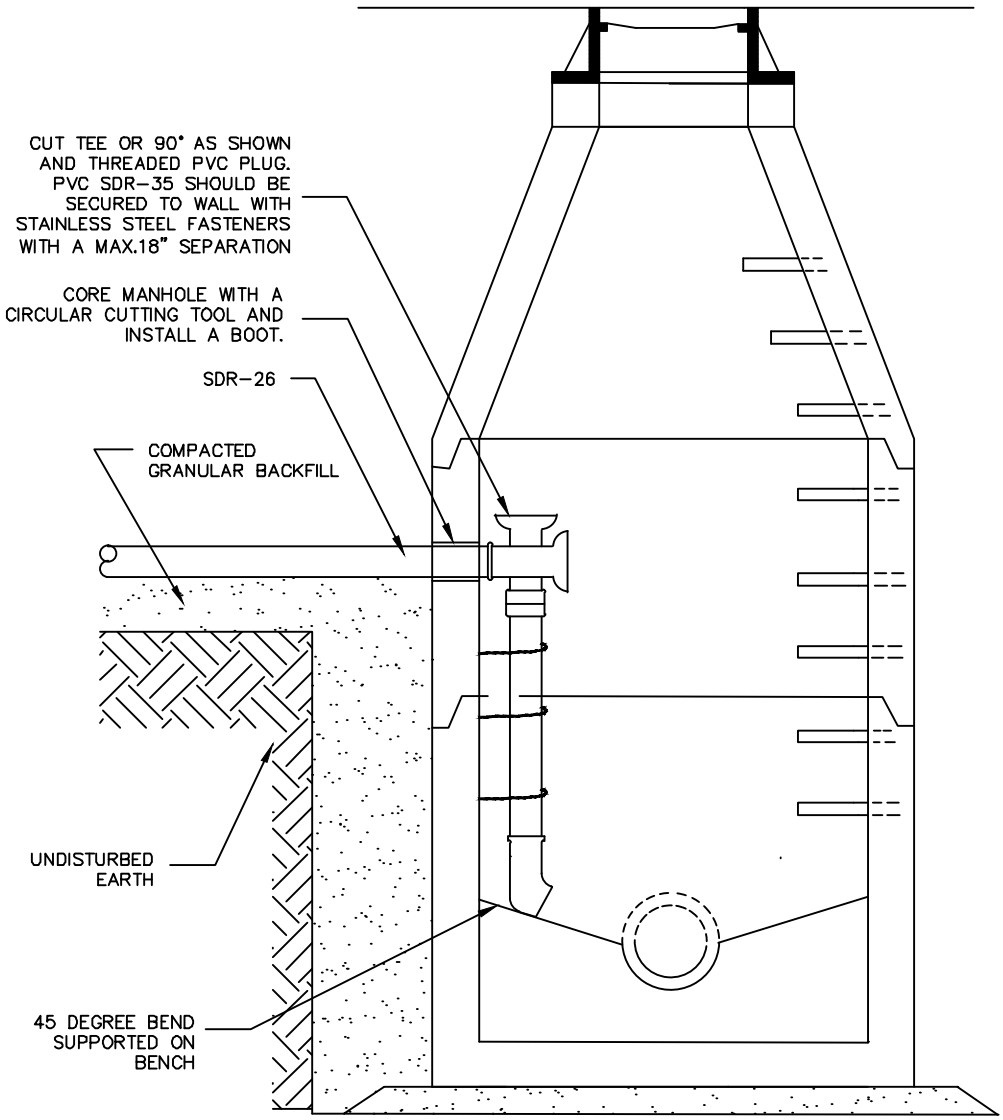
SANITARY SEWER SERVICE RISER DETAIL

FOR SEWER INVERT DEPTHS OVER 12 FEET
(NEW CONSTRUCTION)

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

SANITARY SEWER SERVICE AND RISER DETAIL

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	G-2



NOTES

1. FOR MANHOLE SPECS AND REQUIREMENTS, SEE TYPICAL SANITARY MANHOLE DETAIL.
2. IF DROP MANHOLE IS INSTALLED DURING NEW CONSTRUCTION, MANHOLE SHALL BE 5 FT. IN DIAMETER AND SHALL HAVE A FACTORY INSTALLED SEAL FOR THE DROP PIPE.
3. FASTEN STAINLESS STEEL STRAPPING AND ANCHORS AT THE TOP AND BOTTOM OF VERTICAL PIPE.
4. ONE STAINLESS STEEL BAND WILL BE REQUIRED ON EACH FITTING AND 18' INTERVALS.
5. THE DROP PIPE WILL BE PLACED IN THE MANHOLE SO AS NOT TO INTERFERE WITH THE STEPS. IF STAIRS INTERFERE WITH DROP, THEY SHALL BE REMOVED AND REDRILLED IN A LOCATION THAT IS STILL EASILY ACCESSIBLE FOR ENTERING MANHOLES.

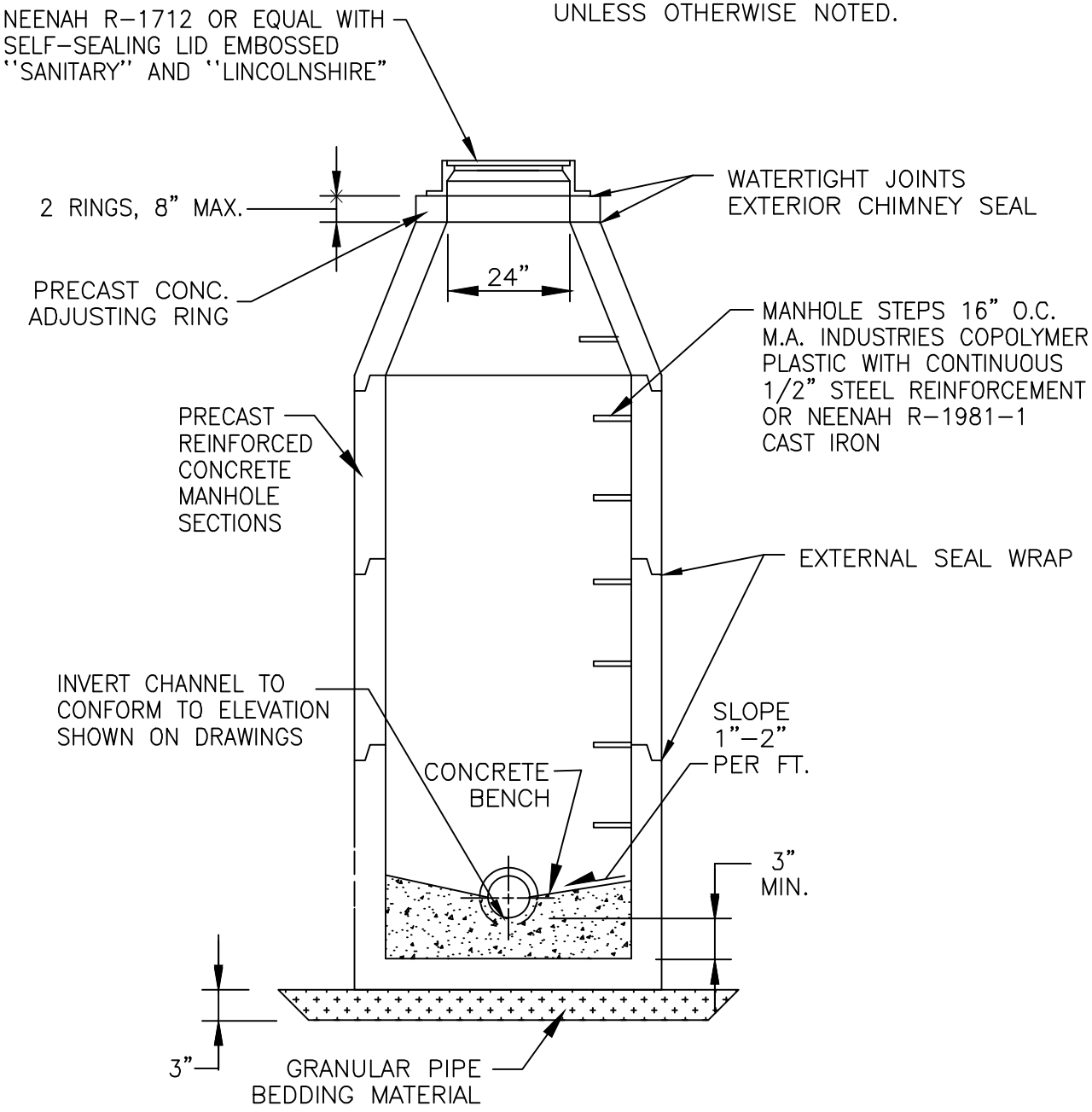
VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

SANITARY SERVICE DROP

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	G-3

NOTE:

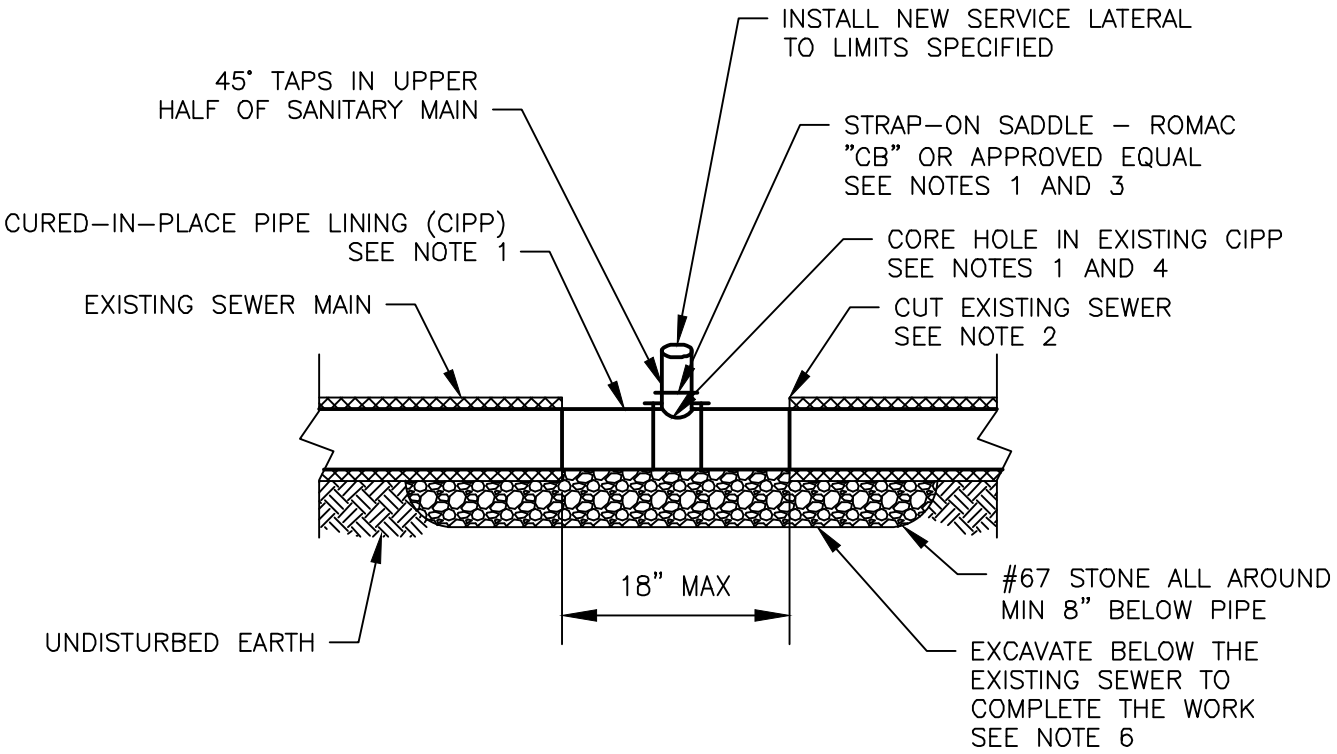
1. CONCENTRIC CONES REQUIRED, FLAT SLAB TOPS PERMITTED ONLY FOR MANHOLES TOO SHALLOW FOR CONES.
2. USE 4'–0" MIN. DIAMETER FOR SEWER SIZES 24" OR LESS, 5'–0" (MIN.) DIAMETER FOR SEWER SIZES 27" OR LARGER UNLESS OTHERWISE NOTED.



VILLAGE OF LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

MONITORING MANHOLE DETAIL

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	G-4



NOTES:

1. REFER TO THIS DETAIL TO CONNECT NEW SERVICE LATERALS AFTER THE SEWERS HAVE BEEN LINED WITH CIPP.

2. NEATLY CUT THE EXISTING SEWER WITH A CUTTER SPECIFICALLY DESIGNED FOR CUTTING THAT SPECIFIC PIPE MATERIAL TO EXPOSE THE CIPP. FOR VCP AND CONCRETE SEWERS, USE A CHAIN CUTTER TO NEATLY SCORE THE PIPE AND THEN BREAK THE PIPE AWAY. REGARDLESS OF THE CUTTER USED, USE EXTREME CAUTION TO PREVENT DAMAGE TO THE CIPP. REPAIR ANY DAMAGE AS APPROVED BY THE ENGINEER.

3. STRAP–ON SADDLE SHALL BE ROMAC "CB" SADDLE AS MANUFACTURED BY ROMAC INDUSTRIES, INC. OR APPROVED EQUAL. ANY PROPOSED EQUAL SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL. SADDLE SHALL BE PROVIDED FOR THE SPECIFIC TYPE OF LATERAL PIPE BEING INSTALLED.

4. CAREFULLY REMOVE THE EXISTING LATERAL TO LIMIT DAMAGE TO THE CIPP, INCREASE THE OPENING IN THE CIPP AS NECESSARY AND TO PROVIDE A CIRCULAR OPENING, BRUSH THE CIPP IN THE OPENING SMOOTH TO REMOVE ALL BURRS, INSTALL STRAP–ON SADDLE, AND REPLACE LATERAL TO THE SPECIFIED LIMITS. WHERE POSSIBLE, IMPROVE THE CONFIGURATION OF THE CONNECTION.

5. IF THE CIPP IS DAMAGED FROM OVERCUTTING THE NEW SERVICE CONNECTION, THEN THE NEXT LARGER SIZE HOLE SHALL BE CUT AND A SERVICE SADDLE WITH A BELL REDUCER SHALL BE INSTALLED FOR CONNECTING BACK TO THE NEW SERVICE DIAMETER.

6. SUPPORT THE EXISTING SEWER DURING THIS WORK AS NECESSARY.

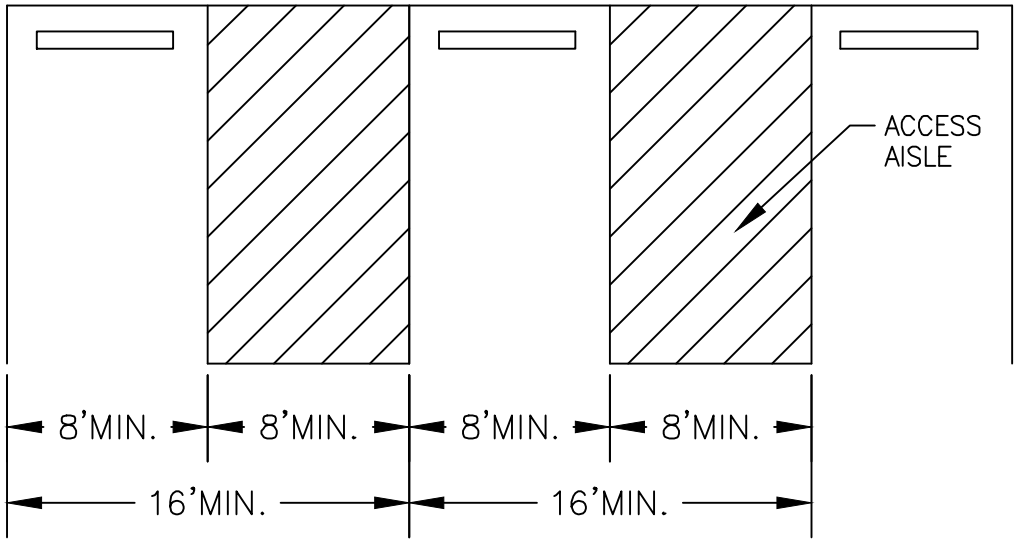
7. DEFECTS IDENTIFIED FROM THE POST–CIPP CCTV INSPECTIONS SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

SANITARY SEWER DETAIL (CIPP)

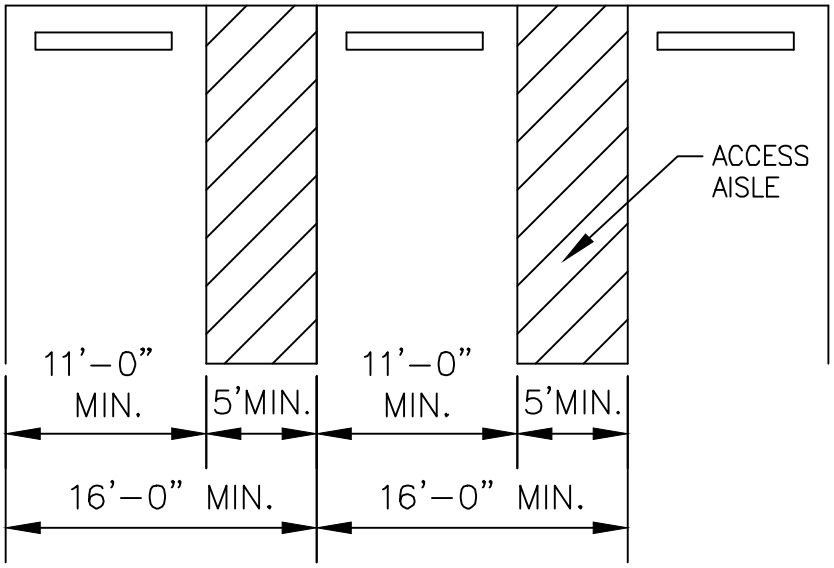
DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	G-5

ACCESSIBLE ROUTE

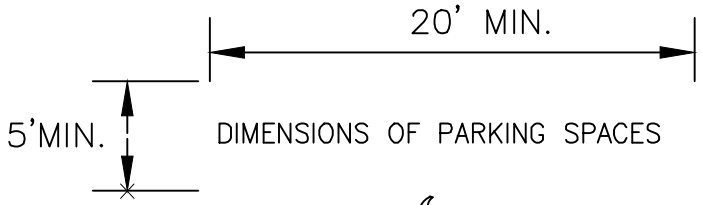


STANDARD IL., DESIGN

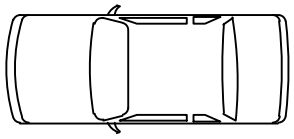
ACCESSIBLE ROUTE



UNIVERSAL PARKING SPACE DESIGN



DIMENSIONS OF PARKING SPACES



ACCESS AISLE AT PASSENGER LOADING ZONES

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

PARKING SPACE DETAIL

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	J-1

R7-8

NOTE:

THIS IS A STANDARD SIGN AND MAY BE ORDERED FROM ANY TRAFFIC SIGN SUPPLIER BY NUMBER. THE ARROW SHOULD BE OMITTED WHERE THERE IS ONLY ONE SPACE. THE ARROW MAY ALSO BE MADE TO POINT IN ONLY ONE DIRECTION. THE ARROW MAY ALSO BE REPLACED BY "TIME" SUCH AS 9 AM – 5 PM WHERE A PART TIME RESTRICTION EXISTS. THE SIGN MUST BE SUPPLEMENTED WITH THE ILLINOIS STANDARD R7–1101 PLATE GIVING THE AMOUNT OF THE FINE FOR ILLEGALLY PARKING IN THE RESERVED SPACE(S).

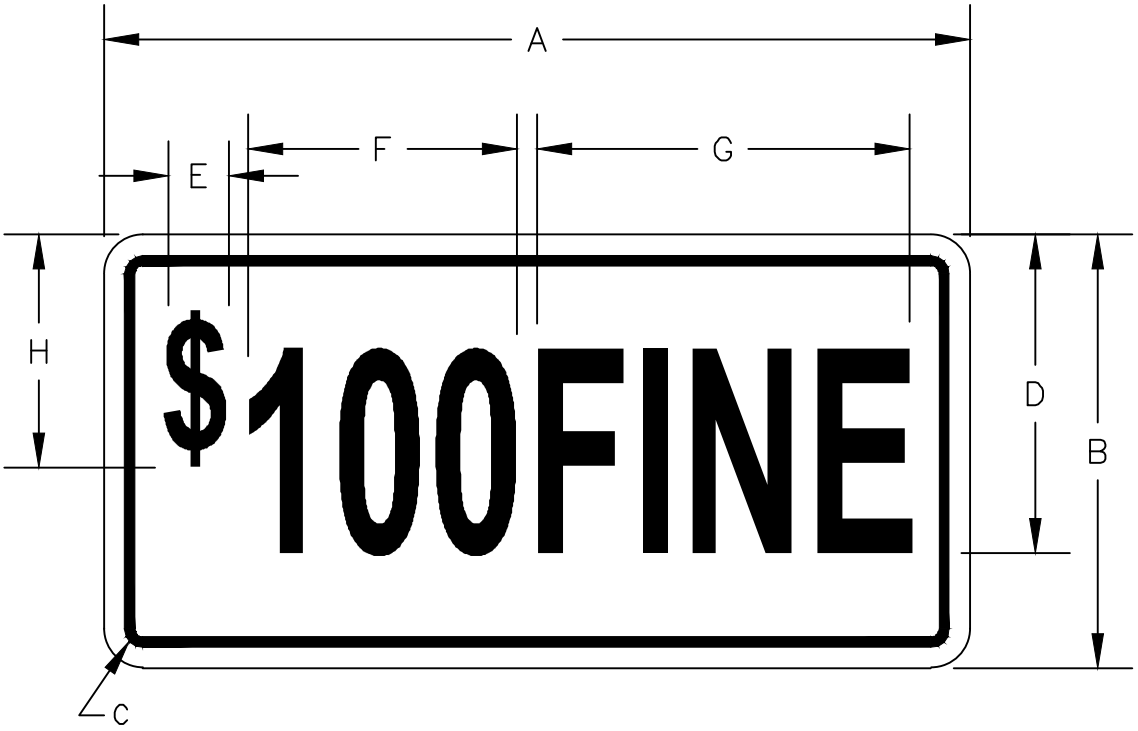
COLORS
LEGEND AND BORDER–PANTONE 340C
WHITE SYMBOL ON PANTONE 286 BACKGROUND
BACKGROUND–WHITE

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

HANDICAPPED PARKING SIGN

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	J-2

ILLINOIS STANDARD
R7-1101



COLOR: LEGEND AND BORDER	GREEN NON-REFLECTORIZED (PANTONE 340C)
BACKGROUND	WHITE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
12 X 6	12.0	6.0	1.5	4.5	1.19	3.53	4.6	4.0

SIGN SIZE	SERIES LINES 1	MARGIN	BORDER	BLK. STD.
12 X 6	3A	0.37	0.37	B5-126

ALL DIMENSIONS IN INCHES
TO BE USED WITH R7-8
$=SERIES 3A "S"

NOTE:

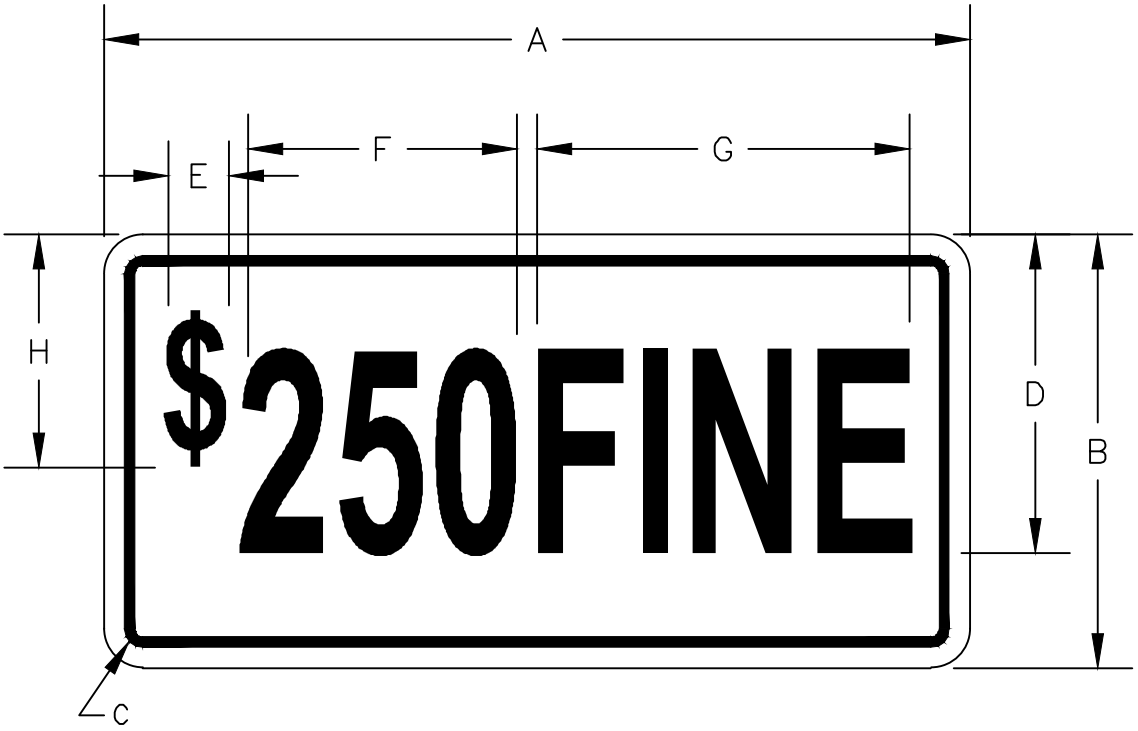
THIS PLATE MAY BE MOUNTED DIRECTLY BELOW THE R7-8 SIGN OR COMBINED WITH THAT SIGN ON A SINGLE 12-INCH BY 24-INCH PANEL.

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

"100 FINE" SIGN DETAIL

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	J-3

ILLINOIS STANDARD
R7-1101



COLOR: LEGEND AND BORDER	GREEN NON-REFLECTORIZED (PANTONE 340C)
BACKGROUND	WHITE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
12 X 6	12.0	6.0	1.5	4.5	1.19	3.53	4.6	4.0

SIGN SIZE	SERIES LINES 1	MARGIN	BORDER	BLK. STD.
12 X 6	3A	0.37	0.37	B5-126

ALL DIMENSIONS IN INCHES
TO BE USED WITH R7-8
$=SERIES 3A "S"

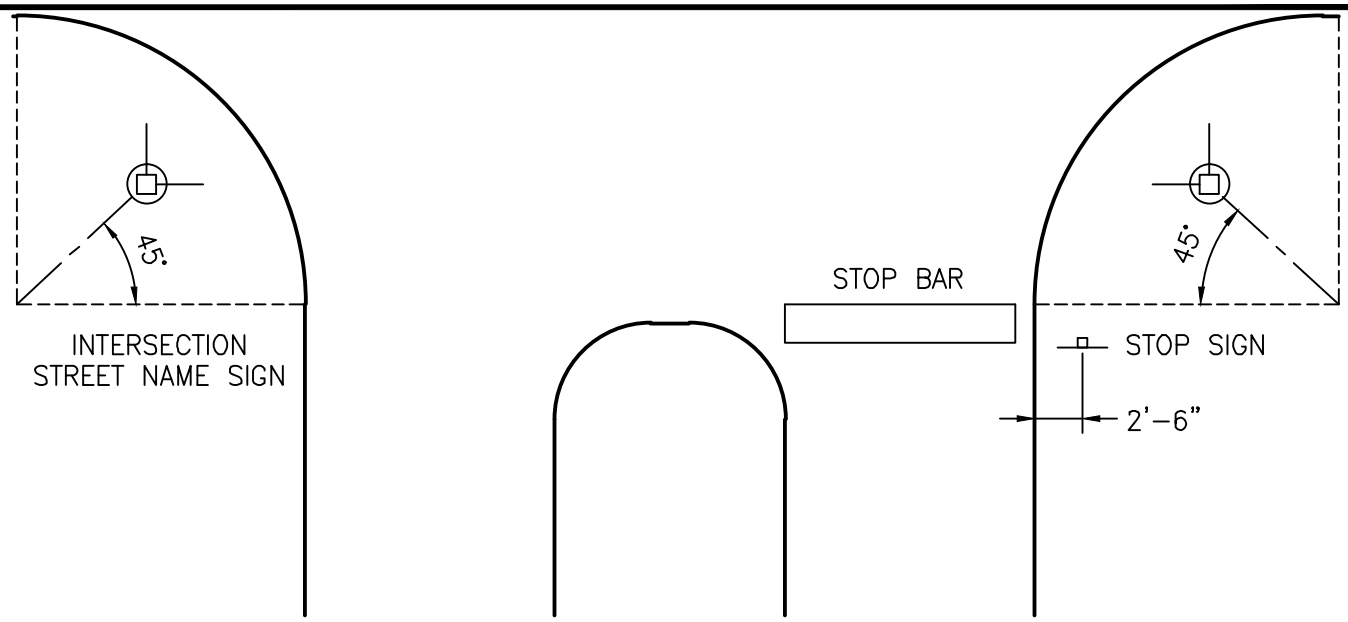
NOTE:

THIS PLATE MAY BE MOUNTED DIRECTLY BELOW THE R7-8 SIGN OR COMBINED WITH THAT SIGN ON A SINGLE 12-INCH BY 24-INCH PANEL.

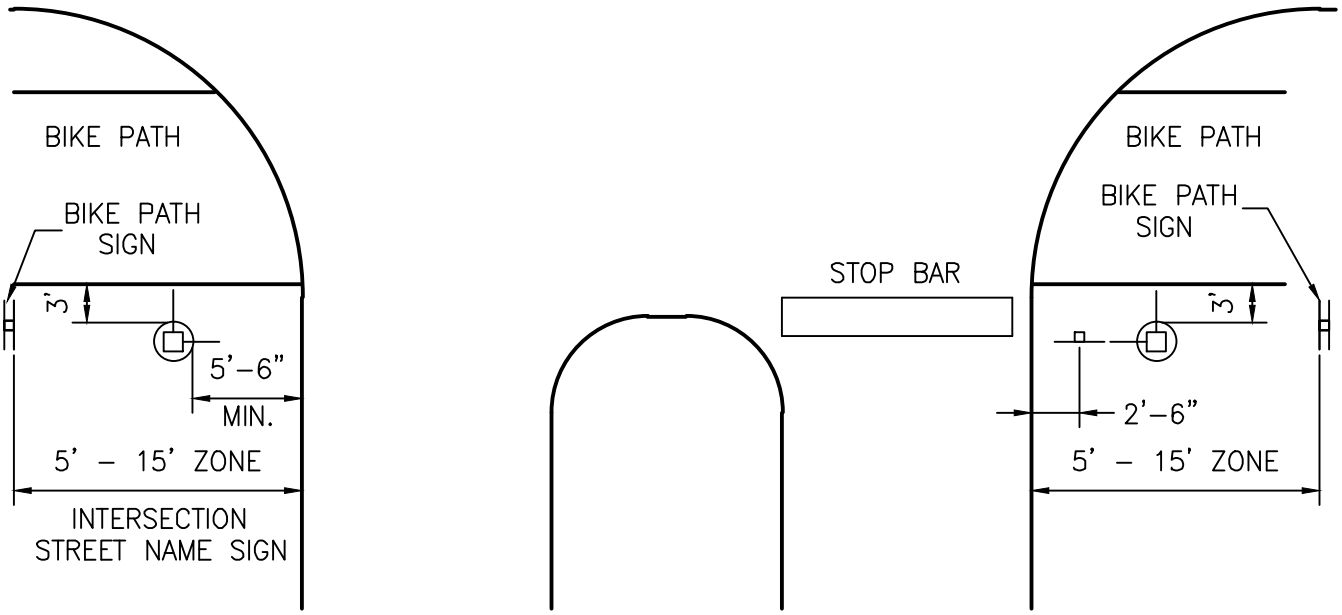
VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

"250 FINE" SIGN DETAIL

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	J-3



STANDARD CORNER WITH A MEDIAN



CORNER WITH MEDIAN AT THE BIKE PATH

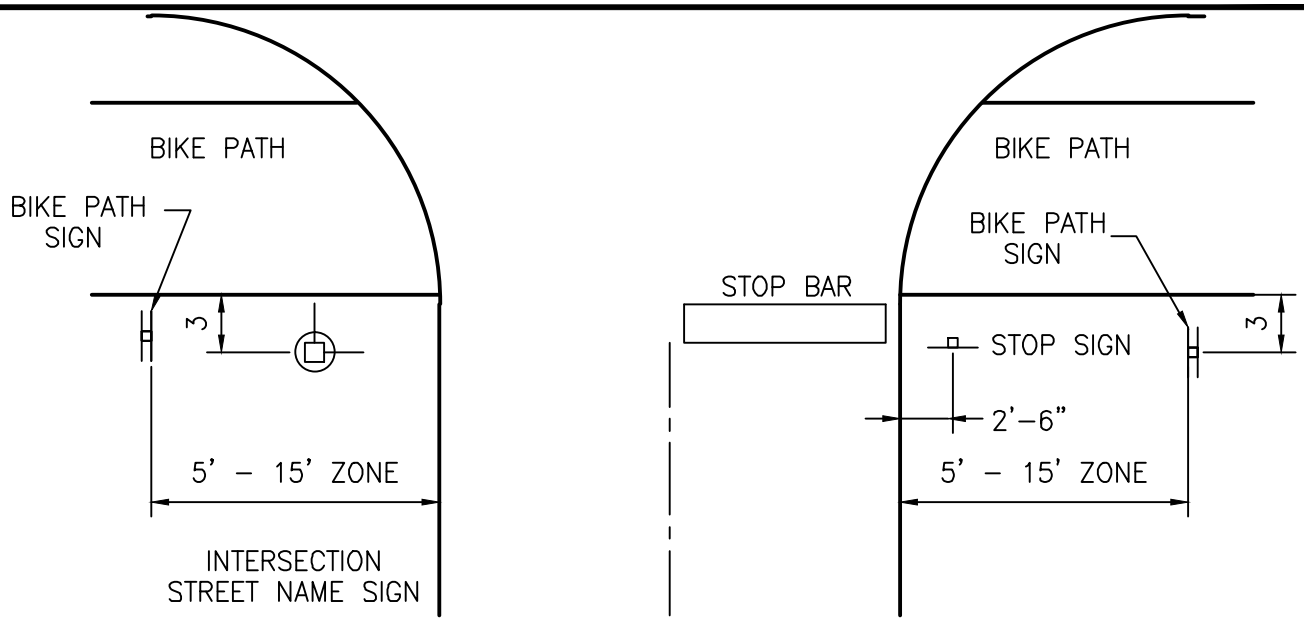
NOTE:

STONE BORDER AND LANDSCAPE PLANTINGS ARE TO BE DESIGNED ON A CASE BY CASE TO COMPLIMENT THE EXISTING CHARACTER OF EACH INTERSECTION.

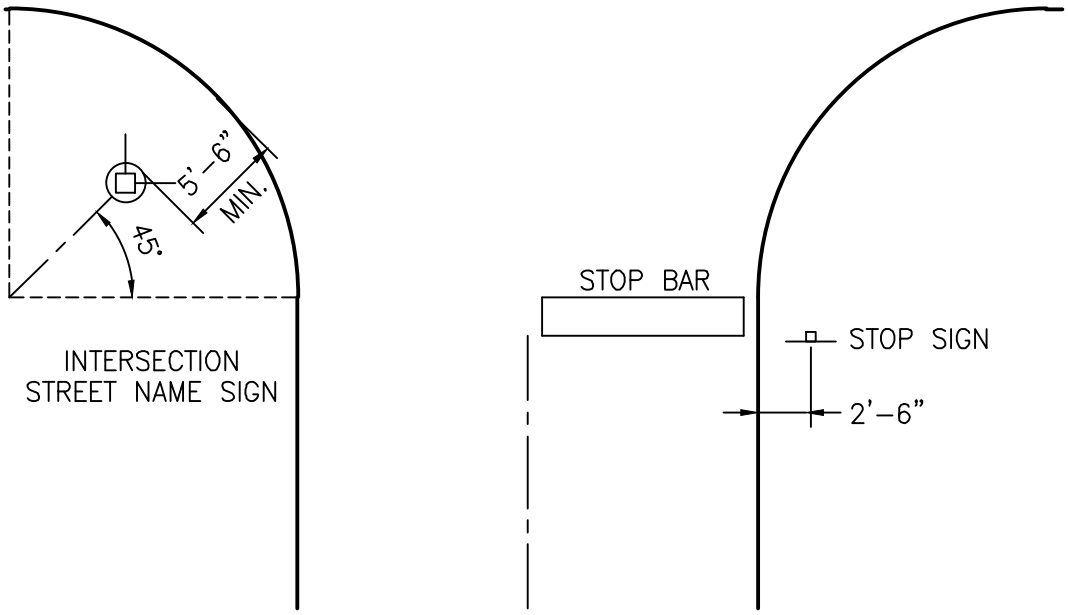
VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

STANDARD MEDIAN DESIGNS

DESIGNED BY	SCALE: NONE
DRAWN BY: B&W	PROJECT NO.: 180900
CHECKED BY	SHEET NO.: K-1
DATE: MAR. 2020	



BIKE PATH INTERSECTION LAYOUT



STANDARD INTERSECTION LAYOUT

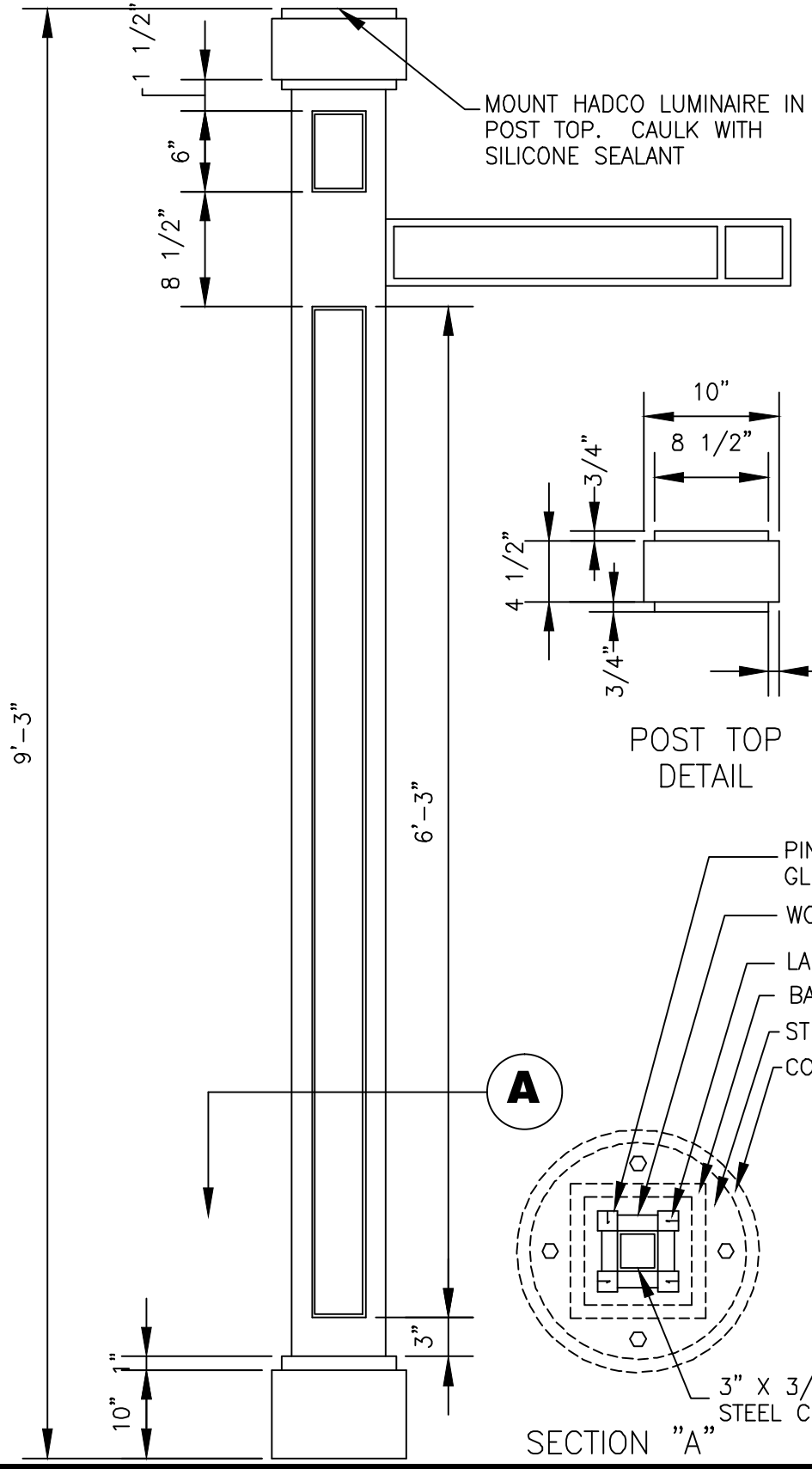
NOTE:

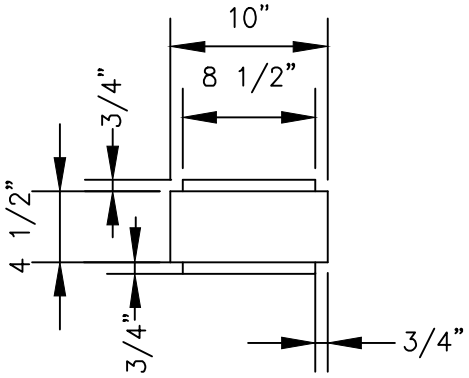
STONE BORDER AND LANDSCAPE PLANTINGS ARE TO BE DESIGNED ON A CASE BY CASE TO COMPLIMENT THE EXISTING CHARACTER OF EACH INTERSECTION.

VILLAGE OF LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

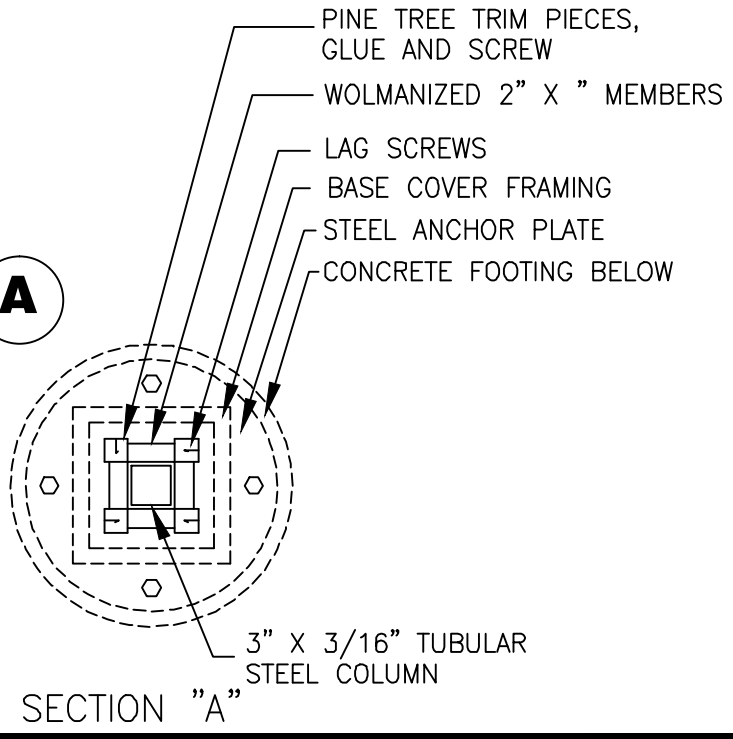
STANDARD INTERSECTION DESIGNS

DESIGNED BY	SCALE: NONE
DRAWN BY: B&W	PROJECT NO.: 180900
CHECKED BY	SHEET NO.: K-2
DATE: MAR. 2020	





POST TOP DETAIL

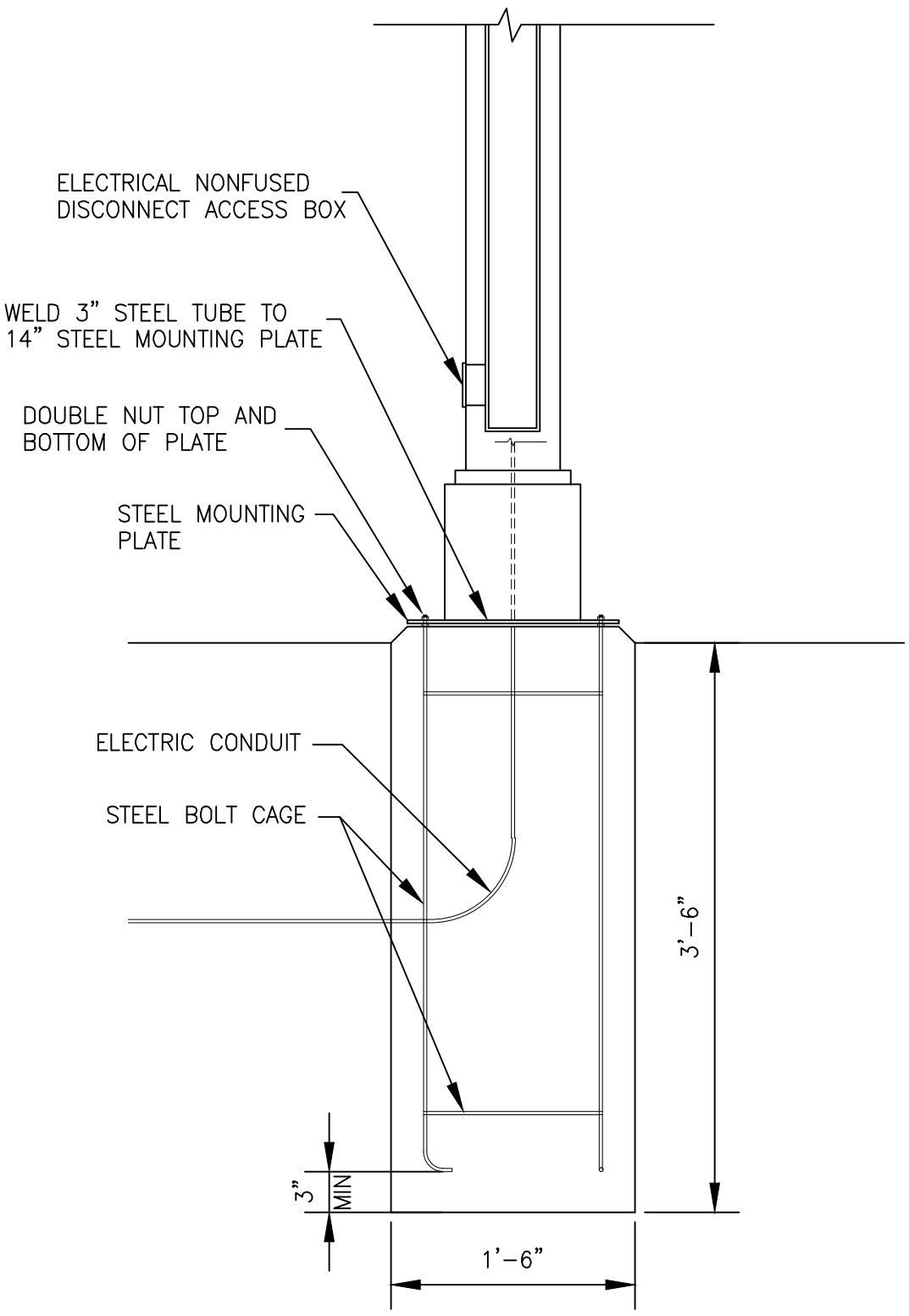


SECTION "A"

VILLAGE OF LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

PRIMARY STREET SIGN POST

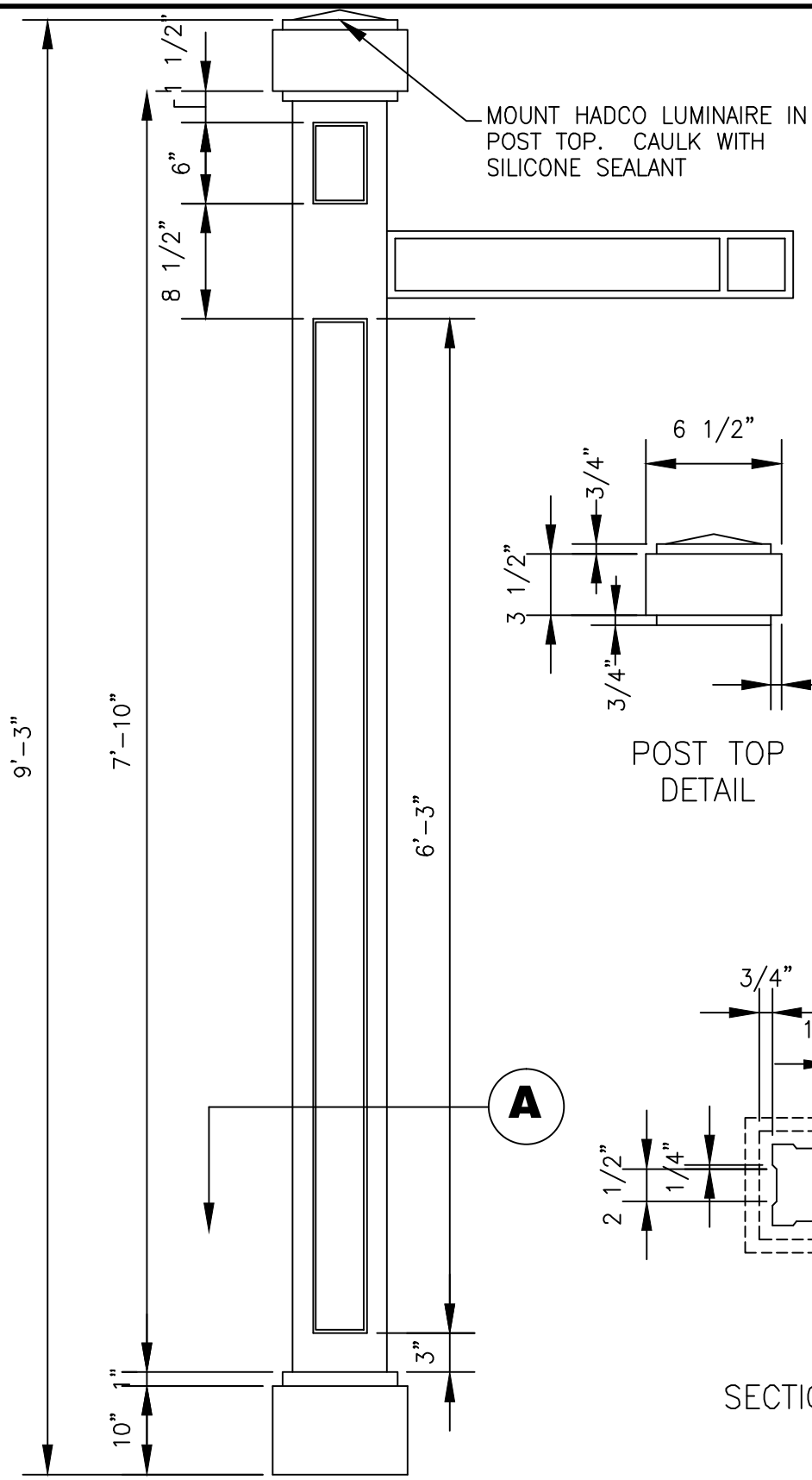
DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	K-3

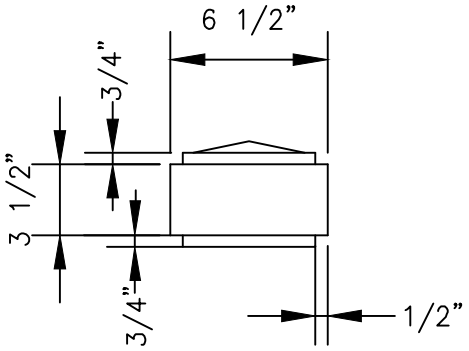


VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

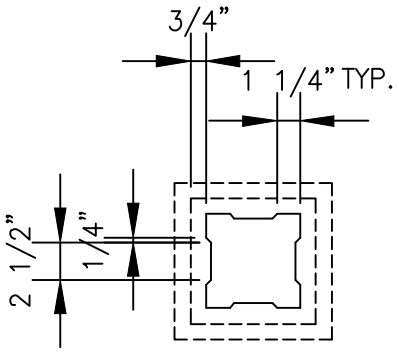
PRIMARY STREET SIGN POST FOUNDATION DETAIL

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	K-4





POST TOP DETAIL

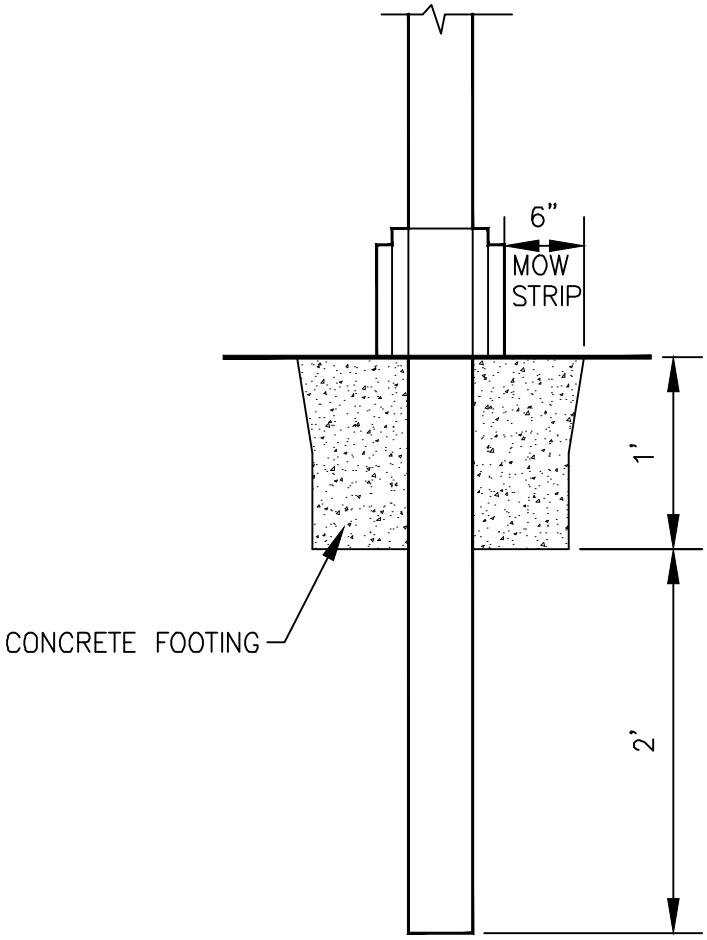


SECTION "A"

VILLAGE OF LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

SECONDARY STREET SIGN POST

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	K-5

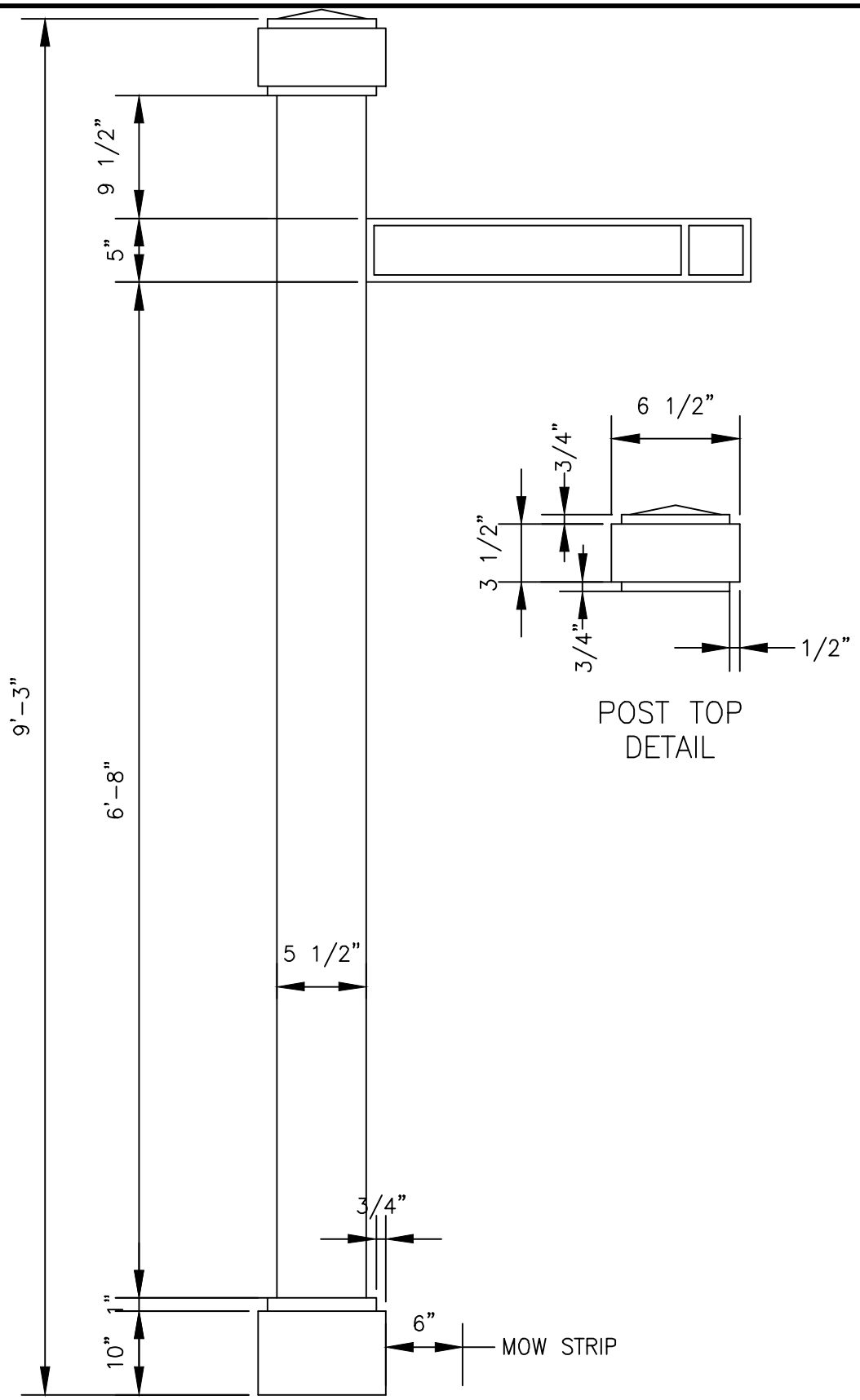


SIGN BASE DETAIL FOR NON–RESIDENTIAL SIGNS,
STOP SIGNS, BIKE TRAIL, SECONDARY INTERSECTION,
INFORMATION AND REGULATORY SIGNS
THROUGHOUT THE VILLAGE

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

SIGN BASE DETAIL

DESIGNED BY	SCALE: NONE
DRAWN BY: B&W	PROJECT NO.: 180900
CHECKED BY	SHEET NO.: K-6
DATE: MAR. 2020	

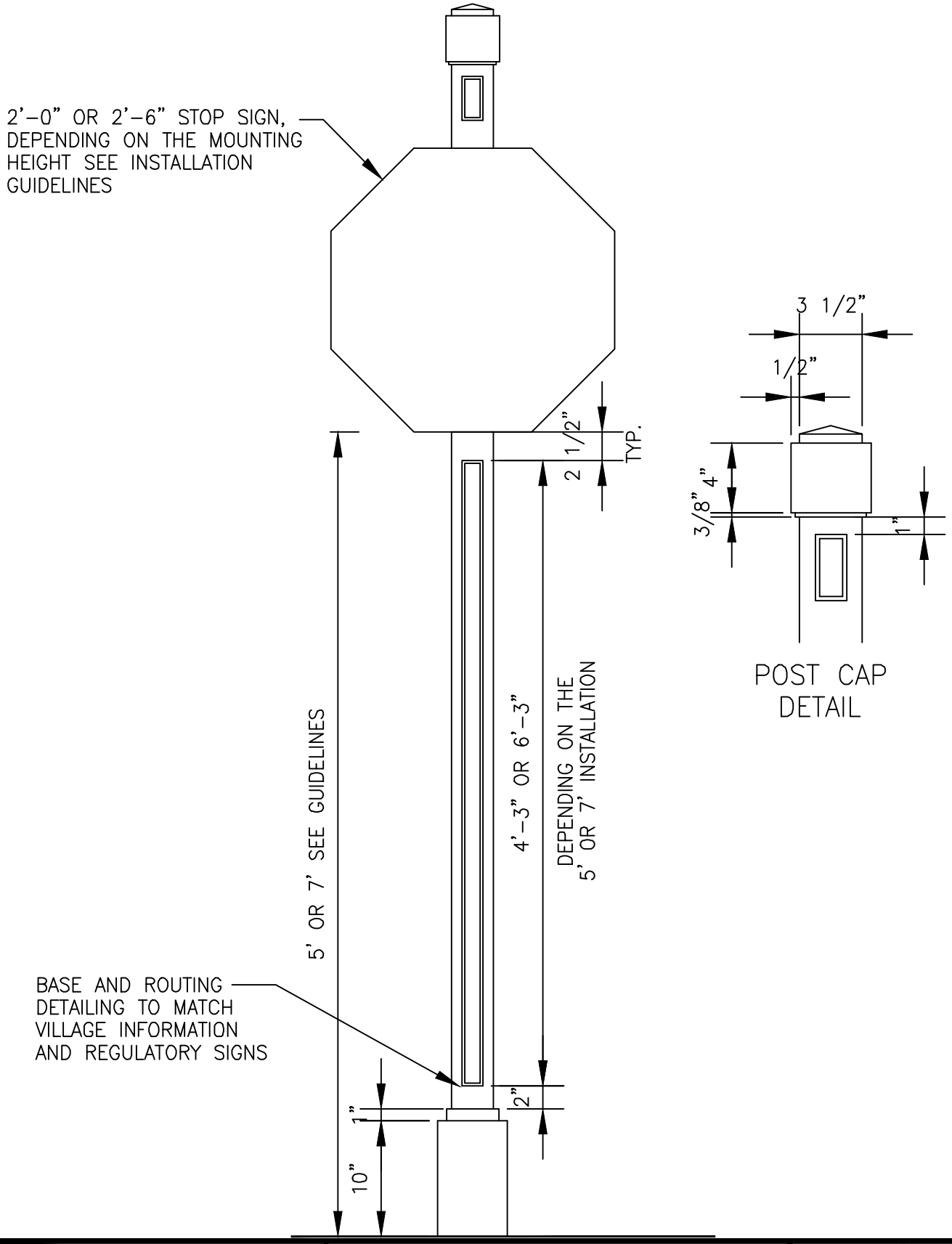


POST TOP
DETAIL

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

CORPORATE CENTER
STREET SIGN POST

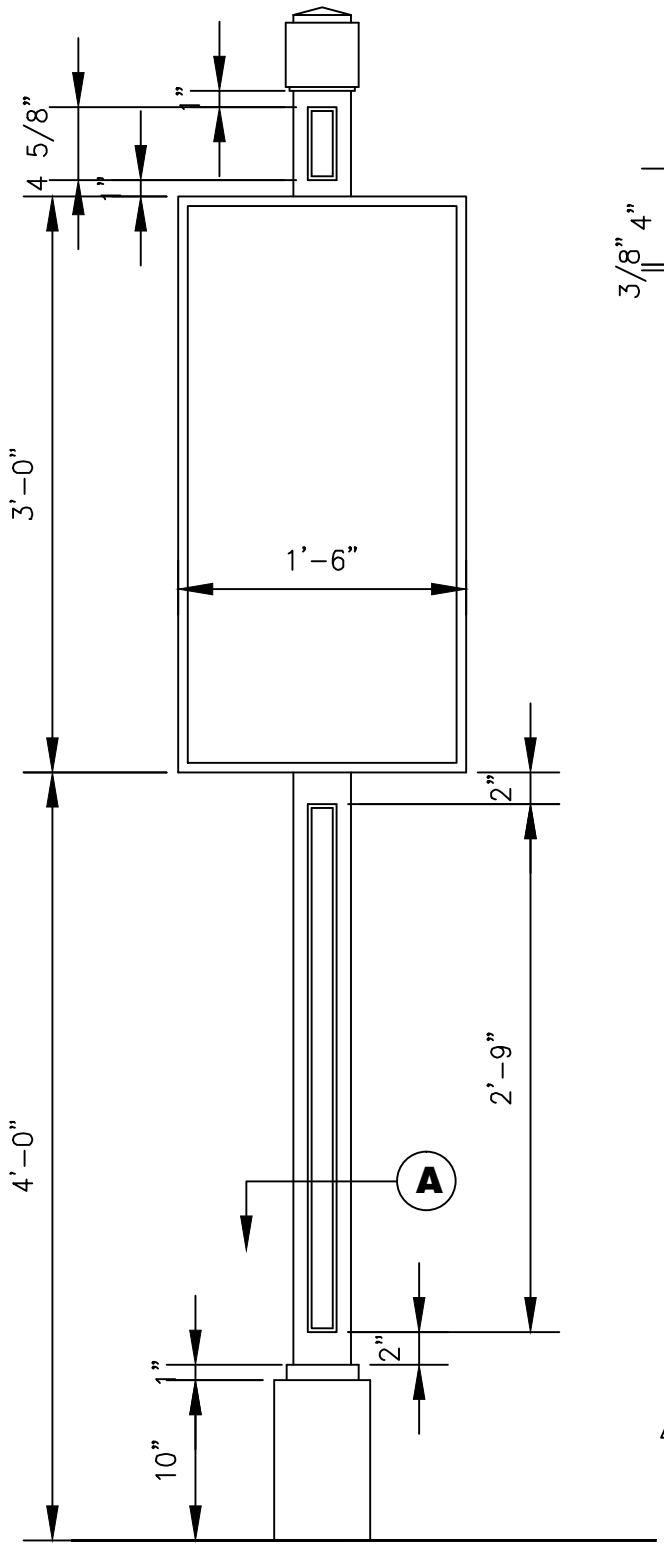
DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	K-7

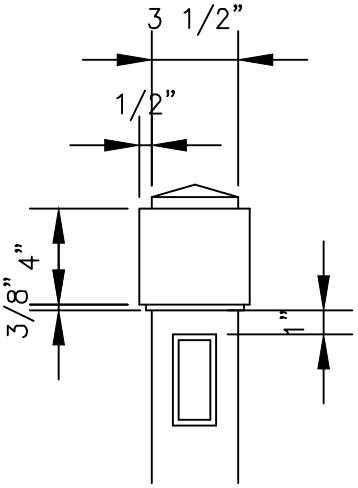


VILLAGE OF LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

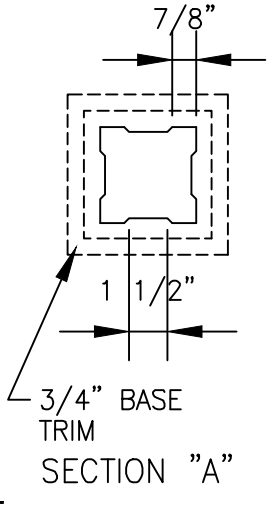
STOP SIGN DETAIL

DESIGNED BY	SCALE: NONE
DRAWN BY: B&W	PROJECT NO.: 180900
CHECKED BY	SHEET NO.: K-8
DATE: MAR. 2020	





POST CAP DETAIL

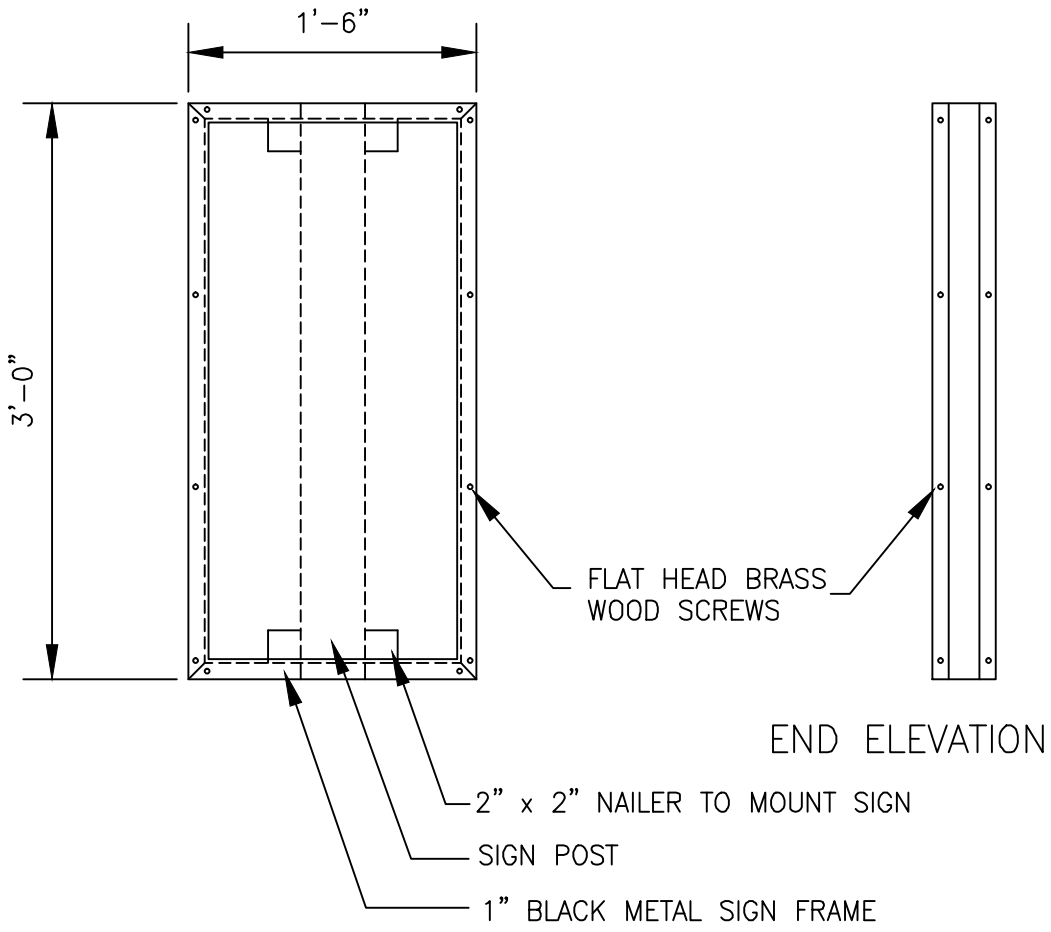


SECTION "A"

VILLAGE OF LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

BIKE PATH SIGN DETAIL

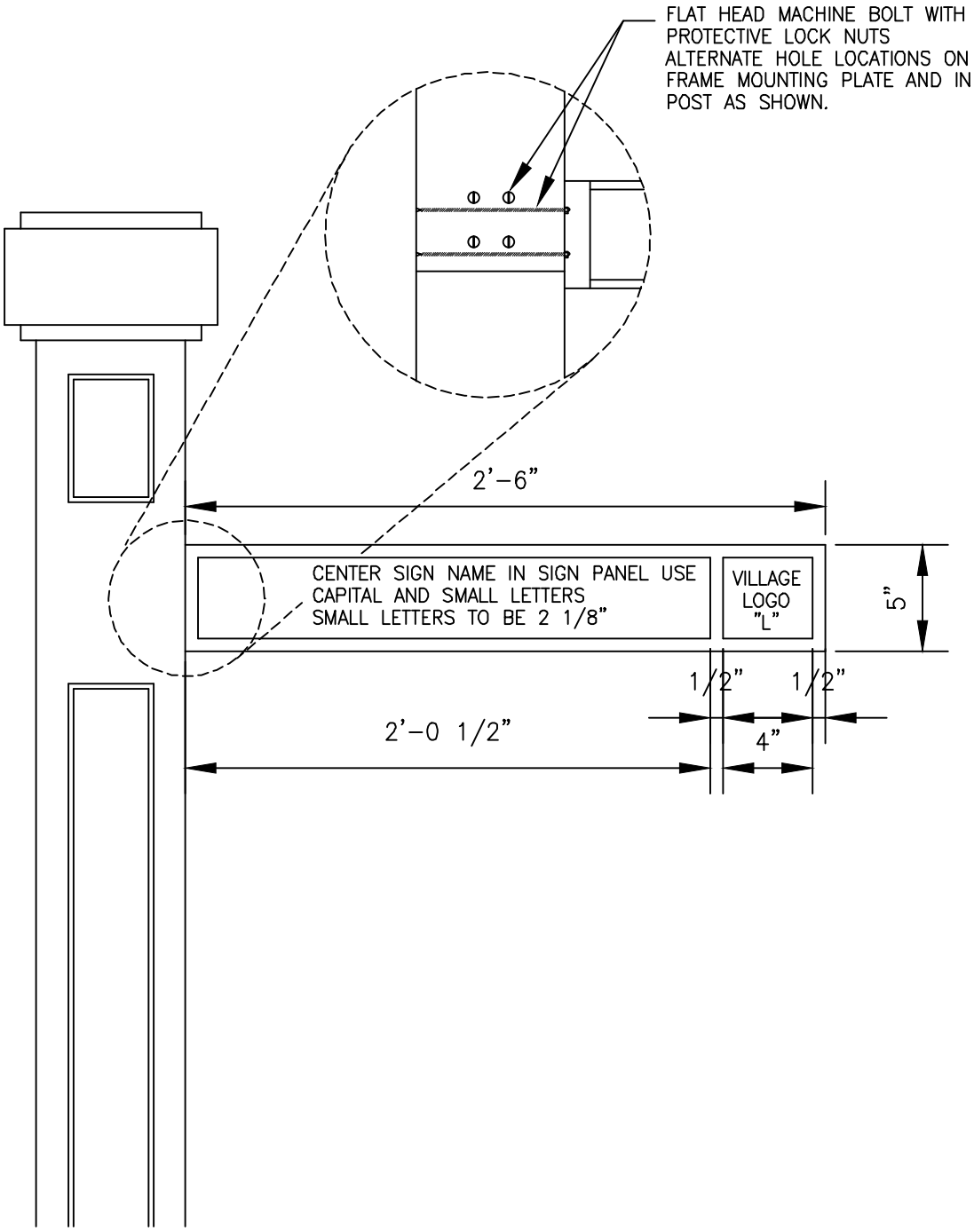
DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	**K-9**



VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

BIKE PATH SIGN ELEVATION

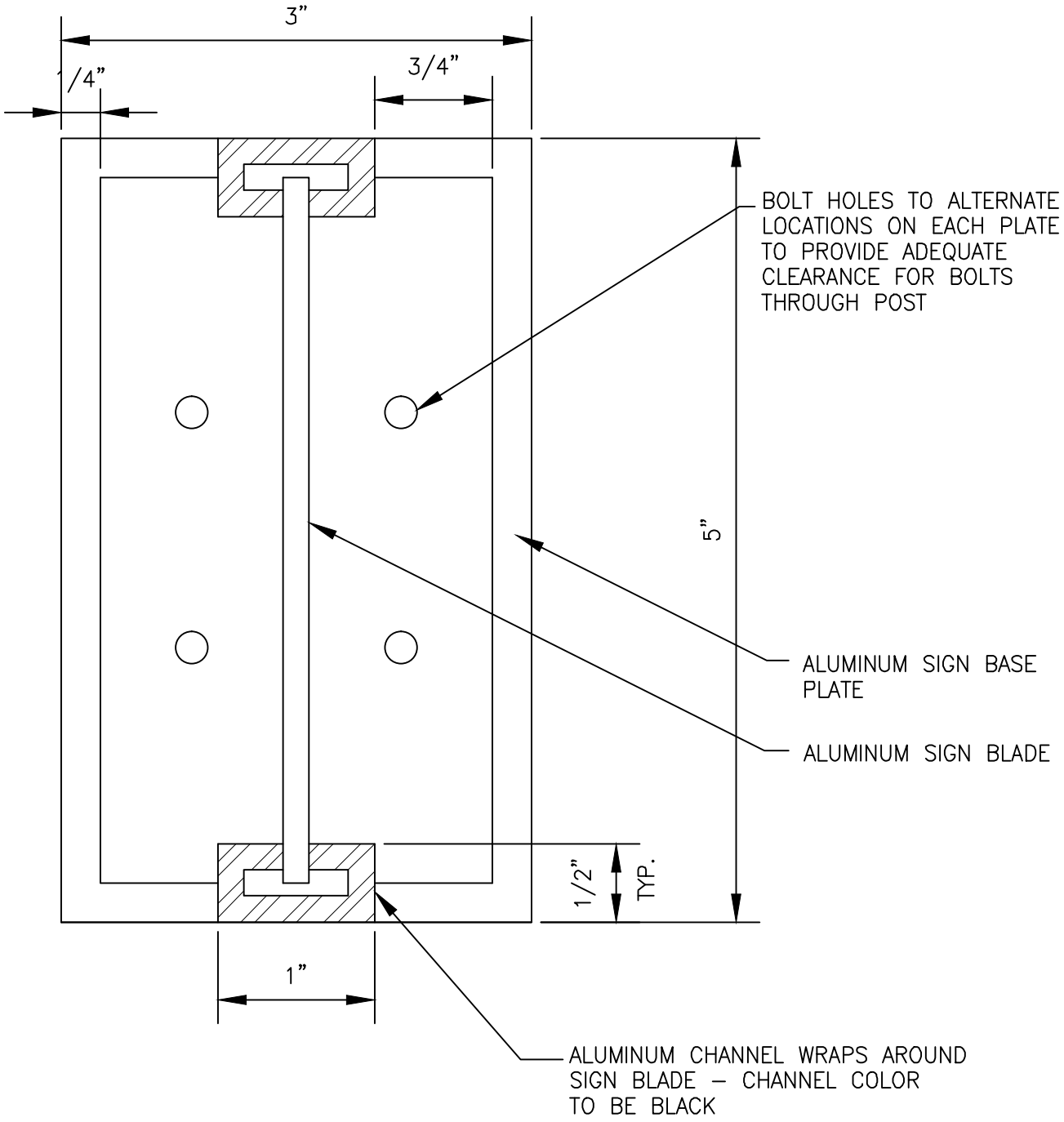
DESIGNED BY	SCALE: NONE
DRAWN BY: B&W	PROJECT NO.: 180900
CHECKED BY	SHEET NO.: K-10
DATE: MAR. 2020	



VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

TYPICAL STREET SIGN PANEL

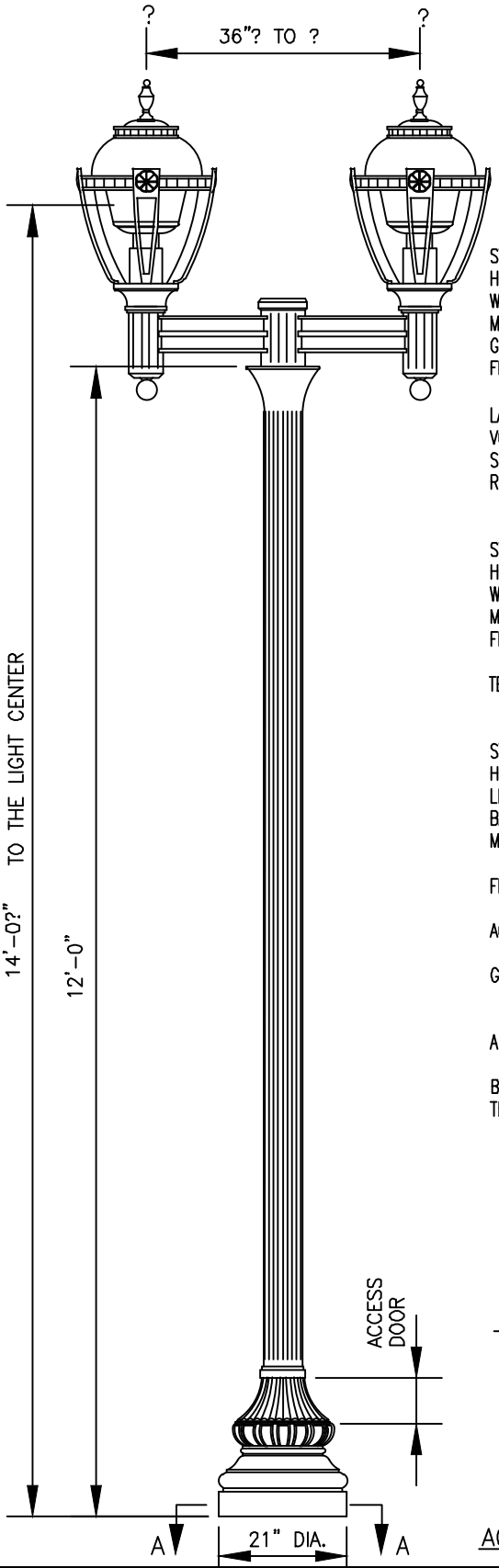
DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	K-11



VILLAGE OF LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

STREET SIGN PANEL SECTION

DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAR. 2020	K-12



LUMINAIRE SPECIFICATIONS

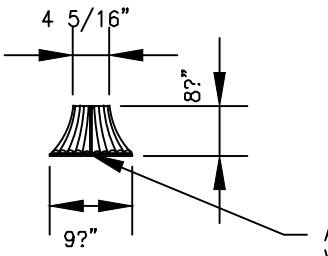
STYLE:	FRANKLIN SQUARE – M1
HEIGHT:	30 3/8"
WIDTH:	17 5/8"
MATERIAL:	CAST ALUMINUM AND SPUN ALUMINUM
GLOBE:	ROTATIONALLY SANDED POLYCARBONITE
FINISH:	PRIME PAINT THEN FINISH PAINT SHERWIN WILLIAMS COROTHANE II – SATIN BLACK
LAMPING:	175 MH (LAMP BY OTHERS)
VOLTAGE:	120 VOLT
SOCKET:	MOGUL BASE
REFRACTOR:	TYPE II – ASYMMETRIC DISTRIBUTION

CROSS ARM SPECIFICATIONS

STYLE:	WASHINGTON SIMPLE TWIN
HEIGHT:	7 5/8"
WIDTH:	36" ? TO ?
MATERIAL:	CAST ALUMINUM
FINISH:	PRIME PAINT THEN FINISH PAINT SHERWIN WILLIAMS COROTHANE II – SATIN BLACK
TENON: (TO ACCEPT LUMINAIRE)	2 7/8" DIA. X 2 1/2" HIGH

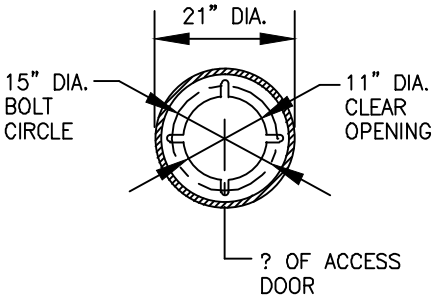
LAMP POST SPECIFICATIONS

STYLE:	WASHINGTON #12 STANDARD
HEIGHT:	12'-0"
LIGHT CENTER:	14'-0 1/2"
BASE:	21" DIAMETER
MATERIAL:	ONE PIECE, HEAVY WALL CAST IRON PER A.S.T.M. A 48-83 CLASS 30
FINISH:	PRIME PAINT THEN FINISH PAINT SHERWIN WILLIAMS COROTHANE II – SATIN BLACK
ACCESS DOOR:	LOCATED IN BASE SECURED WITH TAMPER PROOF HEX SOCKET SECURITY MACHINE SCREWS
GROUND STUD PROVISIONS:	DRILL AND TAP INSIDE WALL OF BASE OPPOSITE ACCESS DOOR FOR A 1/4" – 20 GROUND STUD (GROUND STUD SUPPLIED BY OTHERS)
ANCHOR BOLTS:	(4) 3/4" X 24" + 3" HOOK (FULLY GALVANIZED WITH 1 GALVANIZED NUT AND 1 GALVANIZED WAHER PER BOLT)
BOLT PROJECTION:	3" REQUIRED
TENON: (TO ACCEPT CROSS ARM)	4" DIA. X 5" HIGH



ACCESS DOOR DETAIL

ACCESS DOOR SECURED TO BASE WITH TAMPER PROOF HEX SOCKET SECURITY MACHINE SCREWS



SECTION A–A

VILLAGE OF
LINCOLNSHIRE
PUBLIC WORKS DEPARTMENT

STREET LIGHTS

DESIGNED BY	SCALE: NONE
DRAWN BY: B&W	PROJECT NO.: 180900
CHECKED BY	SHEET NO.: L-1
DATE: MAR. 2020	