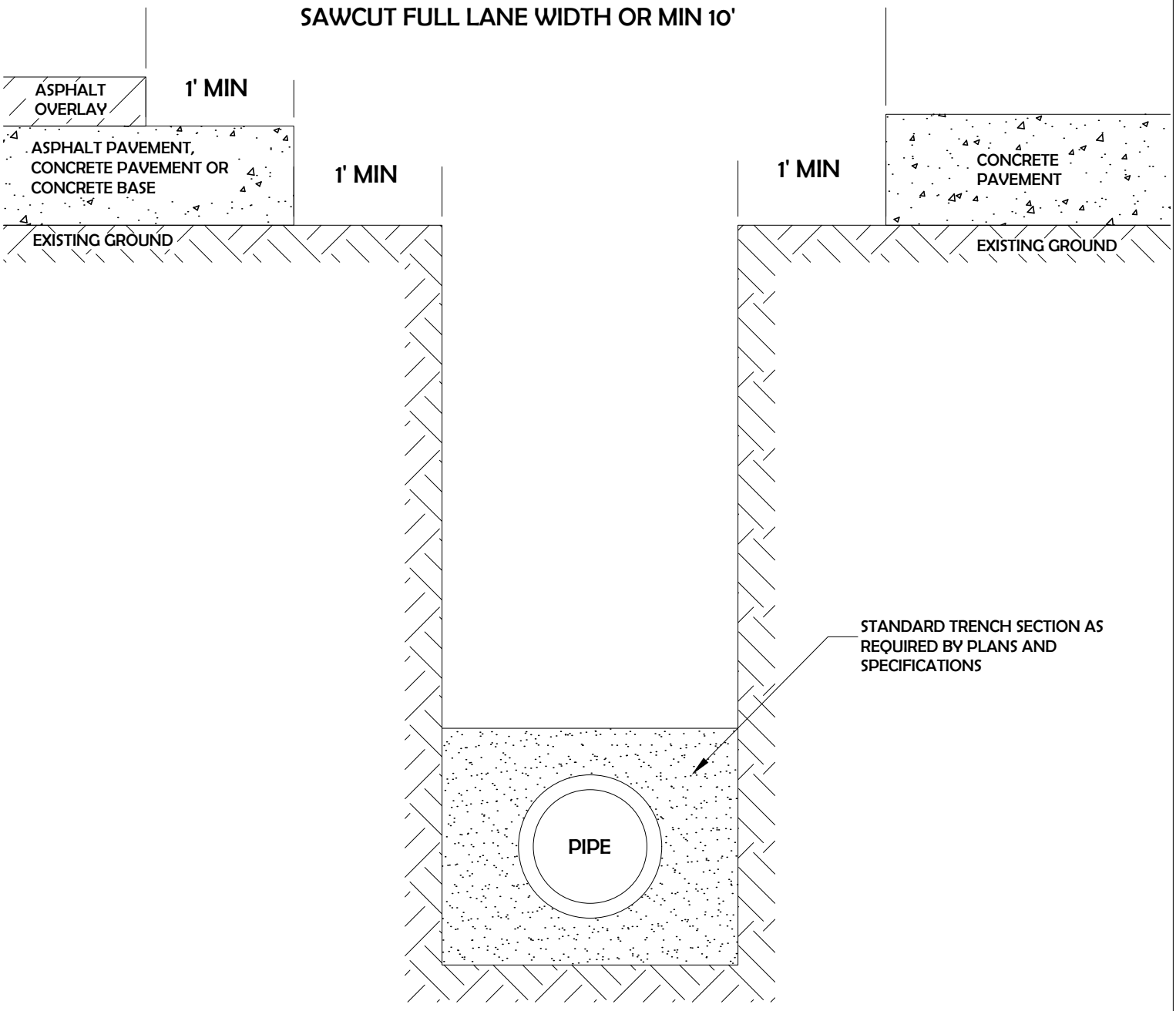
1-A-1

PAVEMENT SAWCUT - TRENCH SECTION (TYPICAL)



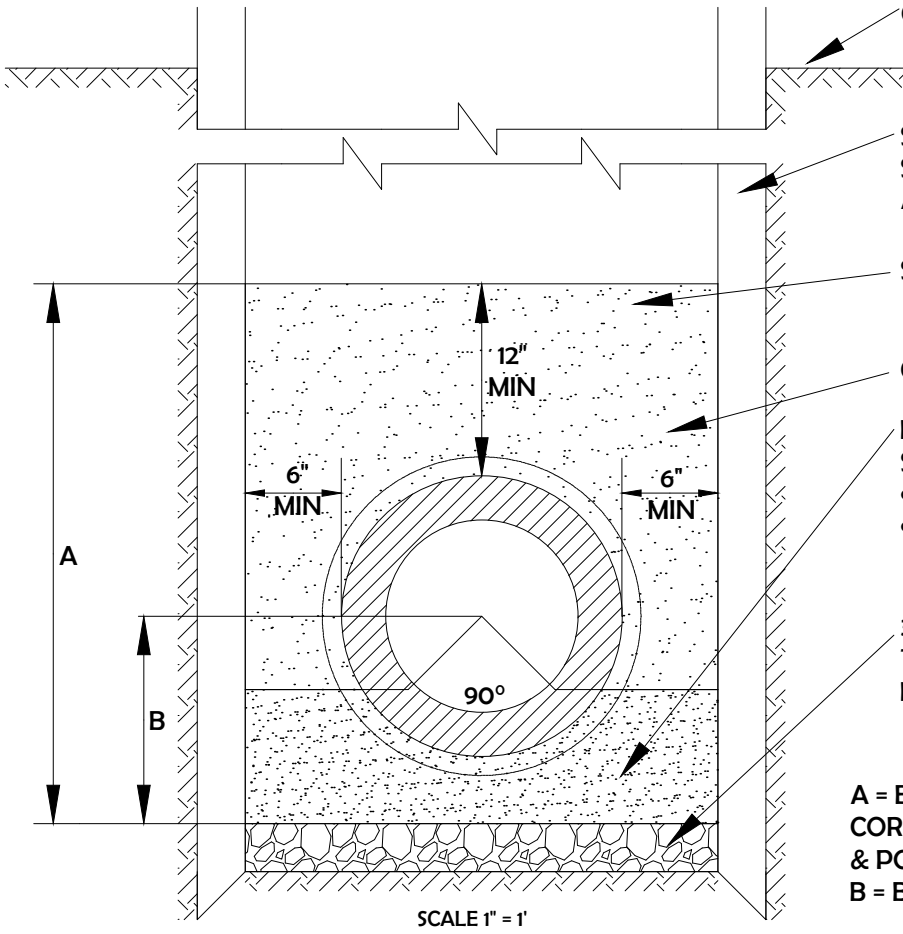
Fond du Lac
First on the Lake

DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND TRAFFIC DIVISION
CITY OF FOND DU LAC, WISCONSIN

SCALE: 1" =1'
REVISED 02/12/12 BY JMK
J:\CITYDWG\Civil 3D Drawings\DTL\City SDDs\Pavement Sawcut-Trench Section Detail.PDF

1-A-2

TRENCH SECTION (TYPICAL)



GROUND OR PAVEMENT SURFACE

SHEATHING AS REQUIRED BY PLAN, SPECIFICATIONS OR WISCONSIN ADMINISTRATIVE CODE

SEE SPECIFICATIONS FOR FILL MATERIAL

COVER MATERIAL

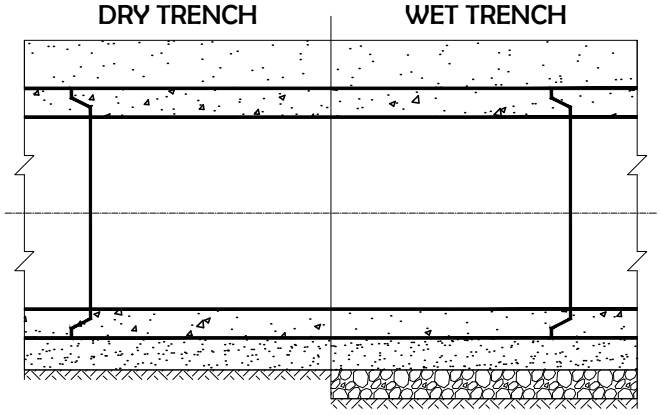
BEDDING MATERIAL TO BE PLACED BEFORE SETTING PIPE:

- 4" MIN UNDER BARREL
- 3" MIN UNDER BELL

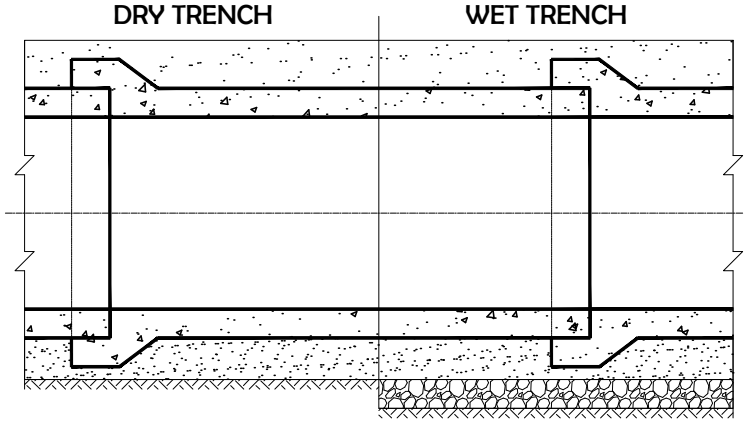
3" CRUSHED AGGREGATE BASE REQUIRED IN WET TRENCH. COST TO BE INCIDENTAL TO SEWER INSTALLATION

A = BEDDING MATERIAL LIMITS FOR PVC, CORRUGATED POLYETHYLENE, POLYPROPYLENE & POLYMER MORTAR PIPE
B = BEDDING LIMITS FOR CONCRETE PIPE

BELL AND SPIGOT JOINT SHOWN



TONGUE AND GROOVE CROSS SECTION
(EXAGGERATED)



BELL AND SPIGOT CROSS SECTION
(EXAGGERATED)

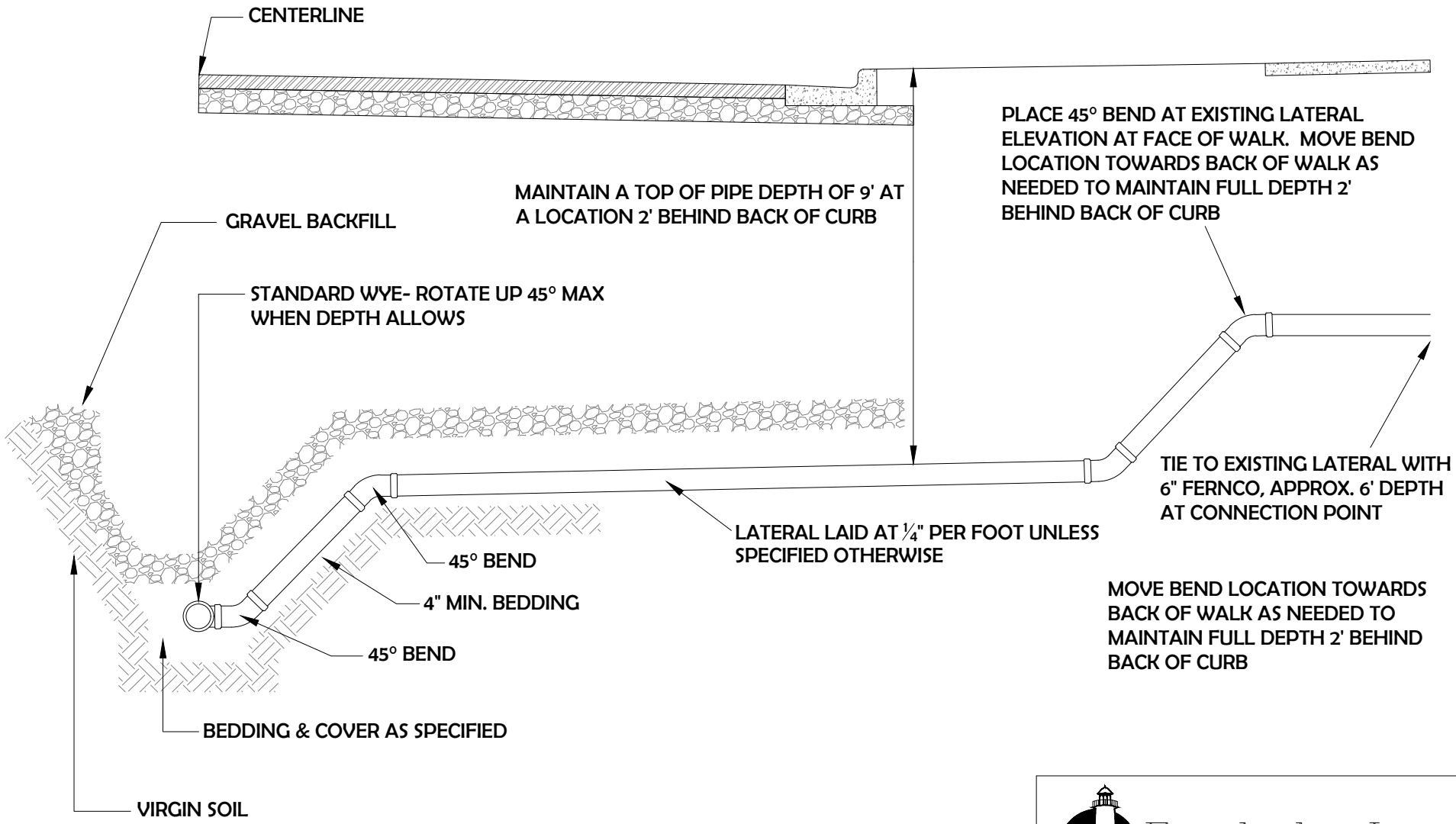
Fond du Lac
First on the Lake

DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND TRAFFIC DIVISION
CITY OF FOND DU LAC, WISCONSIN

REVISED 02/27/14 BY NW
J:\CITYDWG\Civil 3D Drawings\DTL\City SDDs\TRENCH SECTION DETAIL.PDF

1-A-3

SANITARY RISER DETAIL (TYPICAL)
EXISTING LATERAL



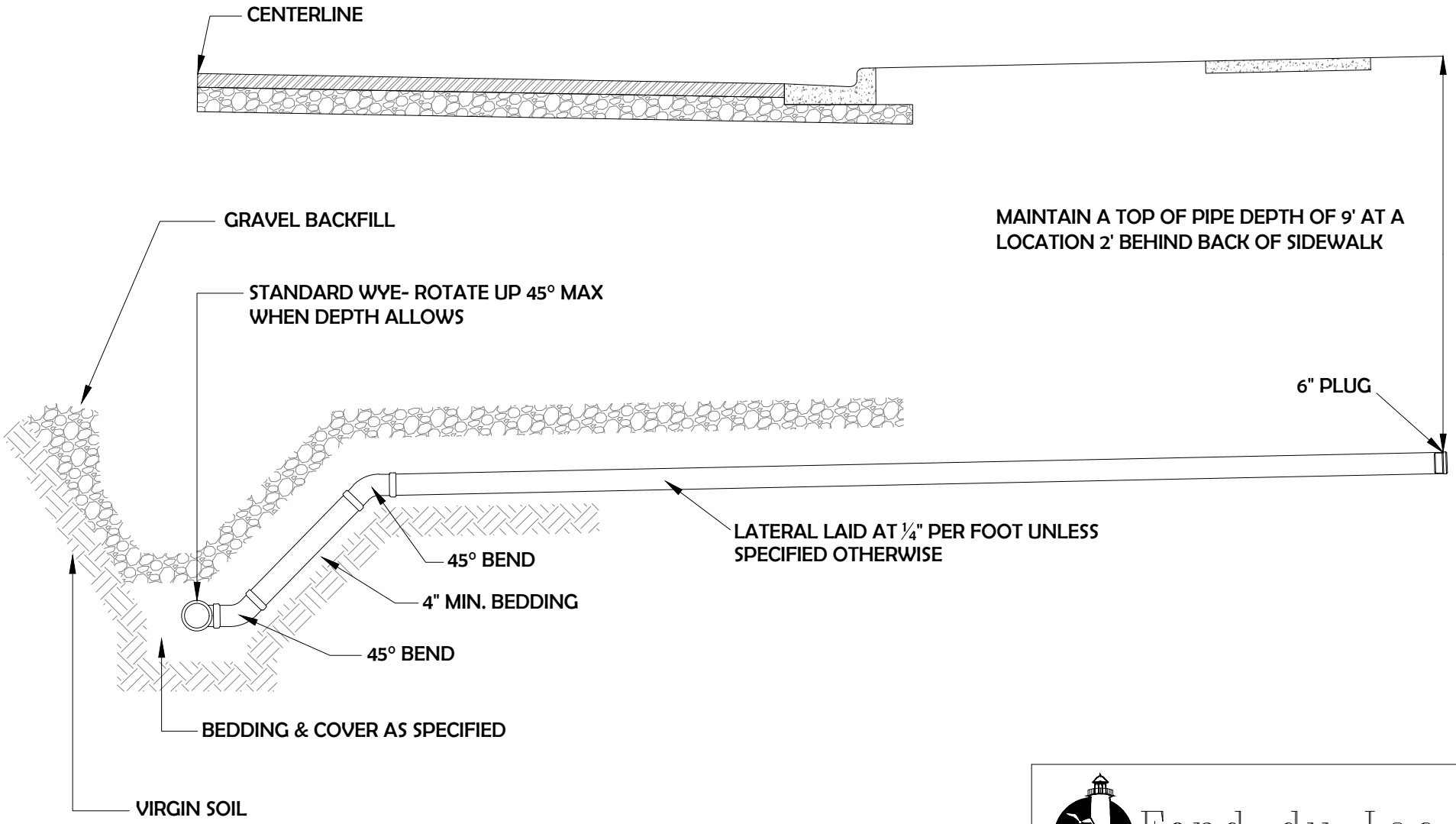
Fond du Lac
First on the Lake

DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND TRAFFIC DIVISION
CITY OF FOND DU LAC, WISCONSIN

SCALE: 1" = 4'
REVISED 03/20/18 BV NW
J:\CITYDWG\Civil 3D Drawings\DTL\City SDDs\Sanitary Riser Detail-Existing Lateral.pdf

1-A-4

SANITARY RISER DETAIL (TYPICAL)
NEW LATERAL



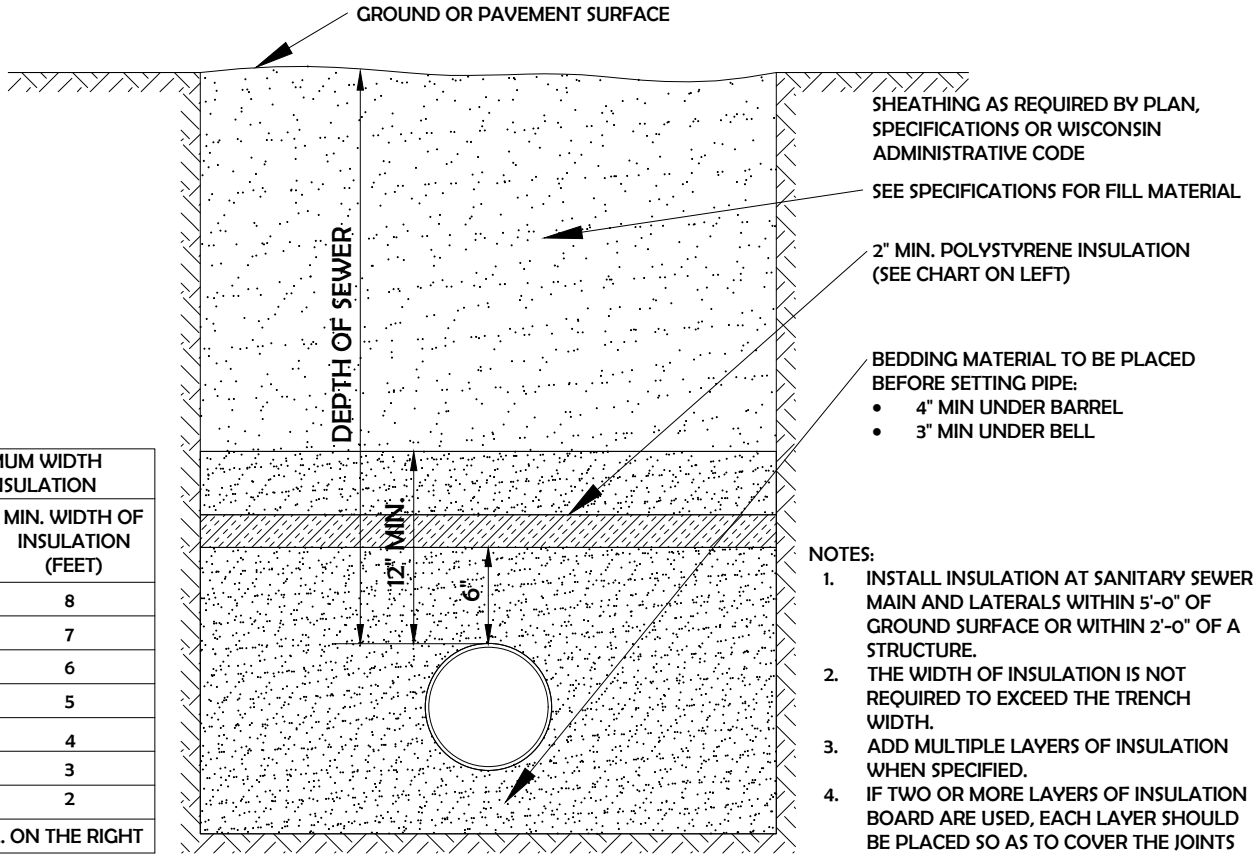
Fond du Lac
First on the Lake

DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND TRAFFIC DIVISION
CITY OF FOND DU LAC, WISCONSIN

SCALE: 1" = 4'
REVISED 04/20/17 BY NW
J:\CITYDWG\Civil 3D Drawings\DTL\City SDDs\Sanitary Riser Detail-New Lateral.pdf

1-A-5

SANITARY SEWER INSULATION DETAIL



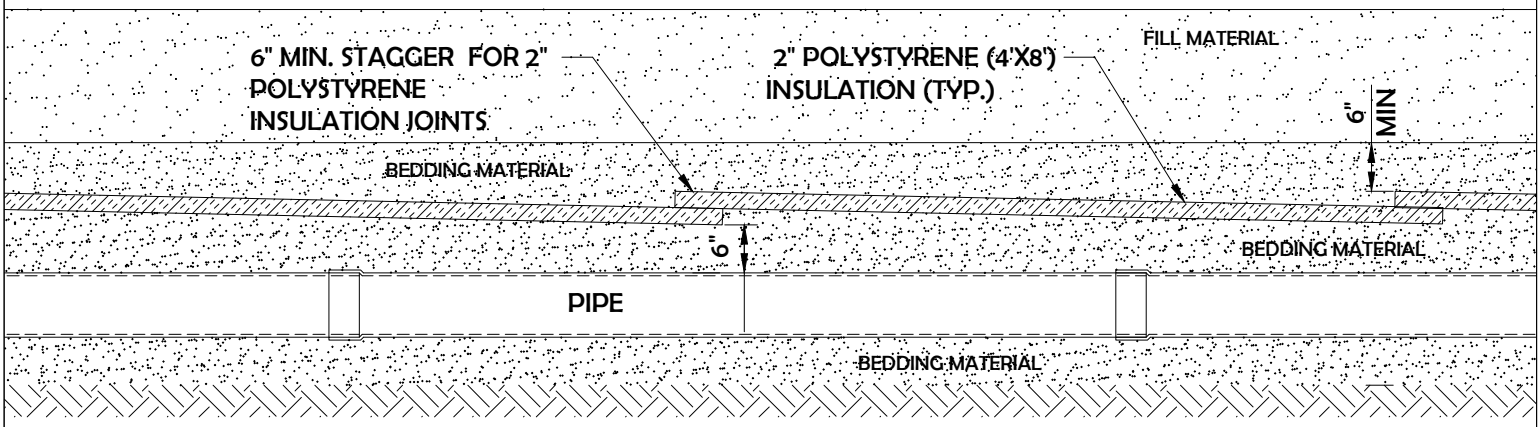
MINIMUM WIDTH OF INSULATION	
DEPTH OF SEWER (FEET)	MIN. WIDTH OF INSULATION (FEET)
*2.0	8
*2.5	7
*3.0	6
3.5	5
4.0	4
4.5	3
5.0	2
SEE NOTE 2. ON THE RIGHT	

★- DOUBLE THICKNESS INSULATION 4"

SCALE 1" = 1'

NOTES:

1. INSTALL INSULATION AT SANITARY SEWER MAIN AND LATERALS WITHIN 5'-0" OF GROUND SURFACE OR WITHIN 2'-0" OF A STRUCTURE.
2. THE WIDTH OF INSULATION IS NOT REQUIRED TO EXCEED THE TRENCH WIDTH.
3. ADD MULTIPLE LAYERS OF INSULATION WHEN SPECIFIED.
4. IF TWO OR MORE LAYERS OF INSULATION BOARD ARE USED, EACH LAYER SHOULD BE PLACED SO AS TO COVER THE JOINTS OF THE LAYER IMMEDIATELY BELOW.



INSULATION INSTALLATION CROSS-SECTION

Fond du Lac
First on the Lake

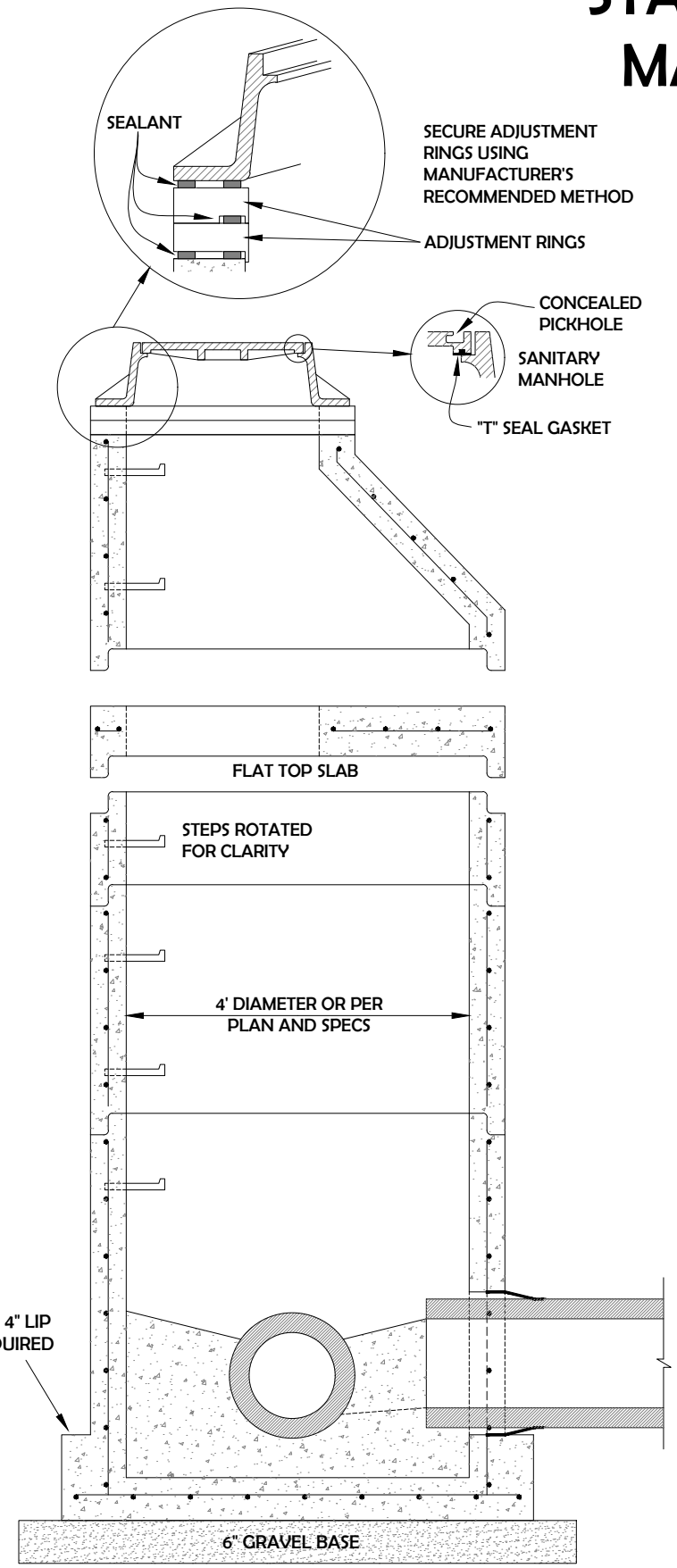
DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND TRAFFIC DIVISION
CITY OF FOND DU LAC, WISCONSIN

03/08/2021 BY MJC

J:\CITYDWG\Civil 3D Drawings\DTL\City SDDs\SANITARY SEWER INSULATION DETAIL.PDF

1-B-1

STANDARD PRECAST MANHOLE DETAIL



- 6 INCHES OF CRUSHED STONE BASE REQUIRED
- CONCRETE AND STEEL REINFORCEMENT SHALL CONFORM TO ASTM DESIGNATION C478
- MANHOLE CONCRETE STRENGTH TO BE 4,000 PSI OR GREATER
- MIN. MANHOLE WALL, BASE & FLAT TOP SLAB THICKNESSES
  4 FT I.D.: 5 INCH WALL, 6 INCH BASE & FLAT TOP SLAB
  5 FT I.D.: 6 INCH WALL, 8 INCH BASE & FLAT TOP SLAB
  6 FT I.D.: 7 INCH WALL, 8 INCH BASE & FLAT TOP SLAB
  8 FT I.D.: 9 INCH WALL, 8 INCH BASE & FLAT TOP SLAB
- MANHOLE BASE TO BE CONSTRUCTED OF CLASS "C" CONCRETE, MINIMUM OF 12 INCHES PLACED UNDER FLOW LINE OF PIPE
- STORM SEWER BENCH SLOPE - 1 INCH PER FT
  SANITARY SEWER BENCH SLOPE - 3 INCHES PER FT
- PIPE HOLES TO BE MANUFACTURED SO AS TO ALLOW FOR LATERAL AND VERTICAL MOVEMENT, AS WELL AS ANGULAR ADJUSTMENT THROUGH 15°
- PIPE TO MANHOLE CONNECTORS SHALL MEET ASTM C923 (KOR-N-SEAL, QUIK-LOK OR EQUAL)
- JOINTS SHALL BE WATERTIGHT AND SHALL BE MADE USING RUBBER TYPE GASKETS OR PRE-FORMED JOINT MATERIAL
- MANHOLE STEPS TO BE PLACED AT 16 INCH INTERVALS. THE FIRST STEP SHALL BE PLACED 16 INCHES ABOVE THE BENCH. THE TOP STEP MAY VARY FROM 16 INCHES - 24 INCHES FROM THE TOP OF CASTING. STEPS SHALL BE STEEL REINFORCED PLASTIC. MANHOLE STEPS SHALL BE ALIGNED OVER THE OUTGOING PIPE.
- BARREL SECTION - 12 INCH, 16 INCH, 24 INCH, 32 INCH, 48 INCH AND 64 INCH HIGH. AREA OF CIRCUMFERENTIAL STEEL = 0.12 SQ INCH PER LINEAL FOOT
- ECCENTRIC CONE MAY VARY IN HEIGHT FROM 28 INCHES TO 36 INCHES
- INSTALL FLAT TOP WHEN SHOWN ON PLANS, IN SPECIFICATIONS OR APPROVED BY ENGINEER
- ADJUSTMENT RINGS SHALL BE HDPE ADJUSTING RINGS BY LADTECH, INC., CRETEX PRO-RING, OR EJ INFRA-RISER. RINGS SHALL HAVE AN INSIDE DIAMETER OF APPROX. 23-3/4 INCHES. CONCRETE ADJUSTMENT RINGS SHALL NOT BE ALLOWED.
- FRAME SHALL BE NEENAH FOUNDRY R-1550 OR EQUAL.
- SANITARY MANHOLE LID TO HAVE CONCEALED PICK HOLES AND "T" SEAL GASKET.

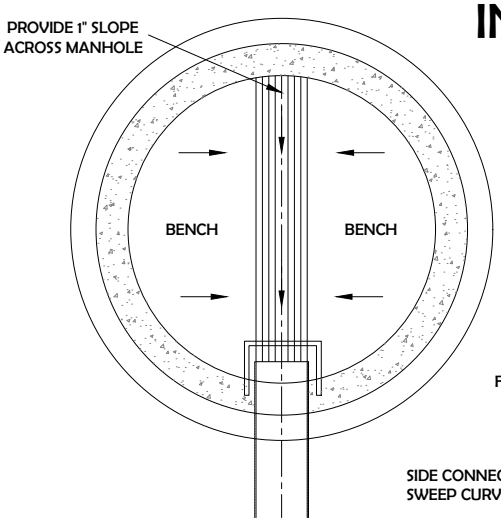
Fond du Lac
First on the Lake

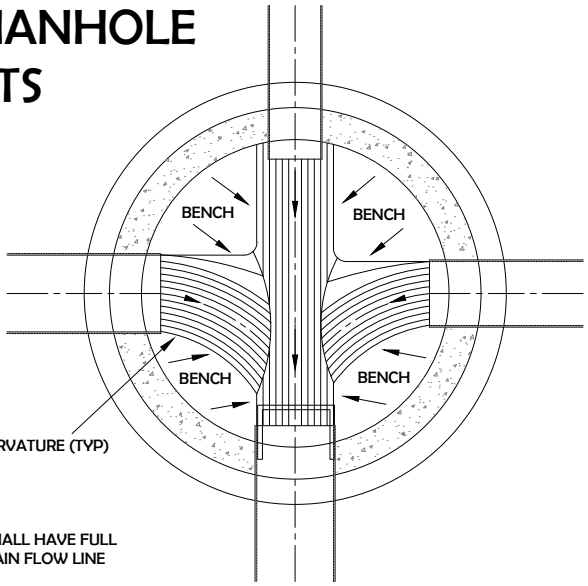
DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND TRAFFIC DIVISION
CITY OF FOND DU LAC, WISCONSIN

SCALE: 1" = 2'
REVISED 04/01/21 BY NW
J:\CITYDWG\Civil 3D Drawings\DTL\City SDDs\PRECAST MANHOLE DETAIL.PDF

1-B-2

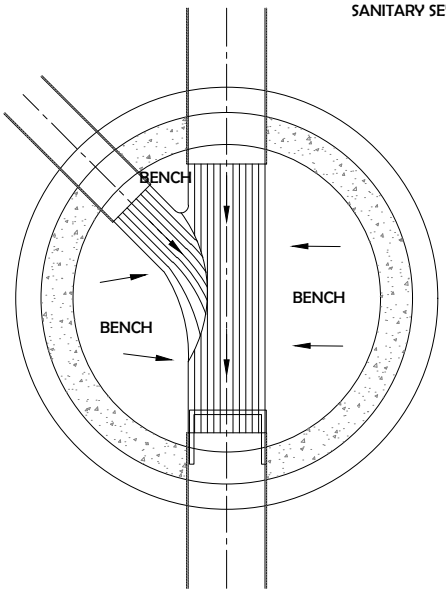
STANDARD MANHOLE INVERTS

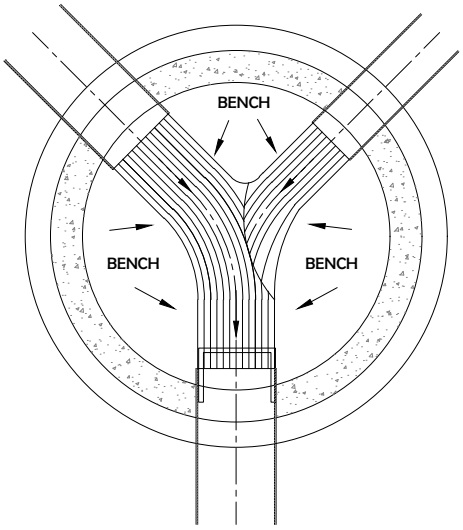


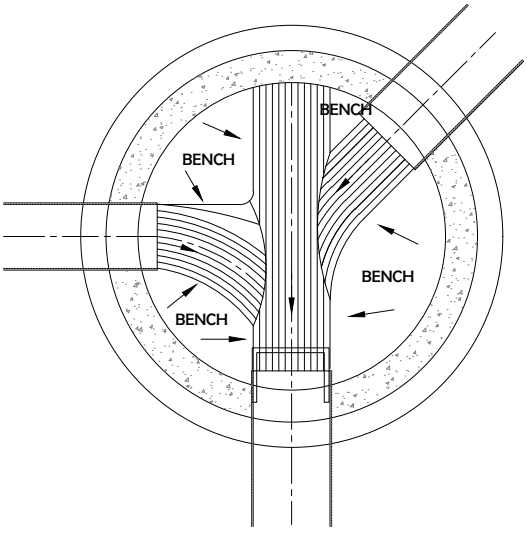


SIDE CONNECTING MAINS SHALL HAVE FULL SWEEP CURVATURE INTO MAIN FLOW LINE

STORM SEWER BENCH SLOPE - 1 INCH PER FT
SANITARY SEWER BENCH SLOPE - 3 INCHES PER FT

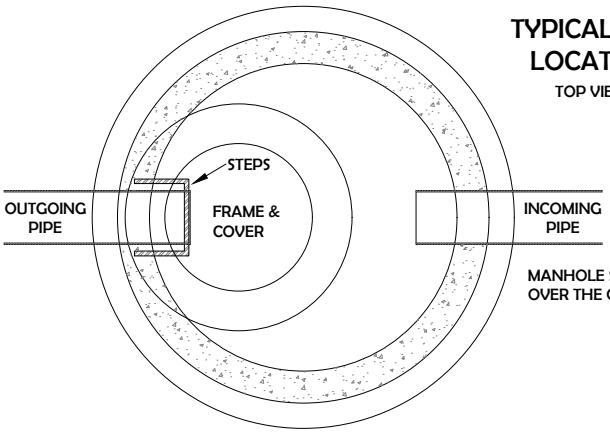






TYPICAL STEP LOCATION

TOP VIEW



MANHOLE STEPS SHALL BE ALIGNED OVER THE OUTGOING PIPE

HEIGHT OF BENCH:

- PIPES 12 INCHES OR LESS = 0.8 X DIA. OF SEWER
- PIPES 15 TO 24 INCHES = 12 INCHES
- PIPES GREATER THAN 24 INCHES = SPRING LINE OF LARGEST PIPE
- ALL SANITARY PIPES 12 INCHES OR LESS HAVE A BENCH POURED TO SPRING LINE WHENEVER A LESSER HEIGHT BENCH IS ALLOWED FOR ADJOINING PIPES.

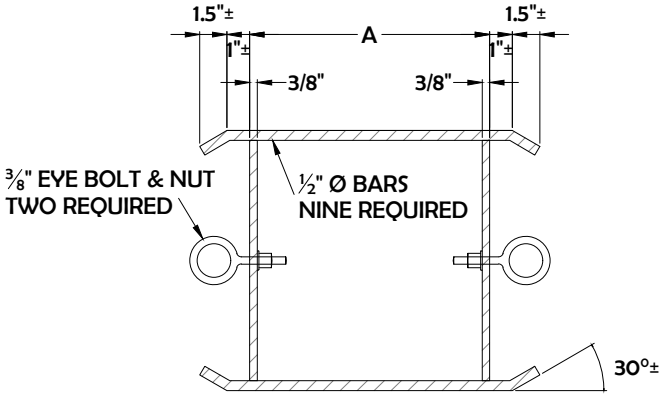
REVISED 04/01/21 BY NW
J:\CITYDWG\Civil 3D Drawings\DTL\City SDDs\STANDARD MANHOLE INVERTS.PDF

Fond du Lac
First on the Lake

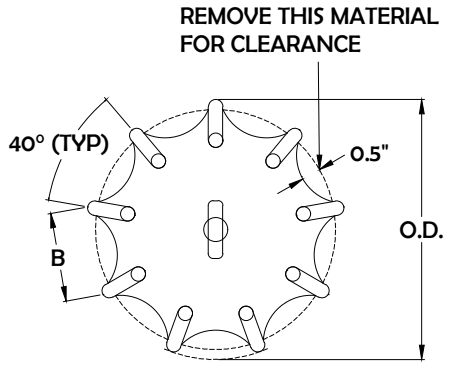
DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND TRAFFIC DIVISION
CITY OF FOND DU LAC, WISCONSIN

1-C-2

MANDREL FOR DEFLECTION TESTS



SIDE OR TOP VIEW



END VIEW

NOTE:
1. TOLERANCE ON MANDREL O.D. IS ± 0.010"

REQUIRED DIMENSIONS:
1. MANDREL DIMENSIONS ON "O.D."
2. 40° SPACING BETWEEN ANGLES
3. DIMENSIONS A ARE MINIMUMS
ALL OTHER DIMENSIONS ARE OPTIONAL

SUGGESTED MANDREL DESIGN

NOMINAL PIPE SIZE I.D.	A (MIN.)	MINIMUM MANDREL O.D. (INCHES)							
		DEFLECTION= D-3034 SDR-35				DEFLECTION= F-949			
		5%	B	7.5%	B	5%	B	7.5%	B
8"	8"	7.28	2.496	7.09	2.424	7.27	2.484	7.08	2.424
10"	10"	9.08	3.108	8.85	3.024	9.07	3.096	8.83	3.024
12"	10"	10.79	3.684	10.51	3.600				
15"	12"	13.20	4.512	12.85	4.392				
		F679 PS46 12454C PIPE				F679 PS46 12364C PIPE			
		5%	B	7.5%	B	5%	B	7.5%	B
18"	15"	16.13	5.520	15.70	5.316	16.20	5.544	15.78	5.400
21"	18"	19.00	6.492	18.50	6.324	19.09	6.528	18.59	6.360
24"	21"	21.36	7.308	20.79	7.116	21.46	7.344	20.89	7.152
27"	24"	24.06	8.232	23.43	8.016	24.17	8.268	23.54	8.052

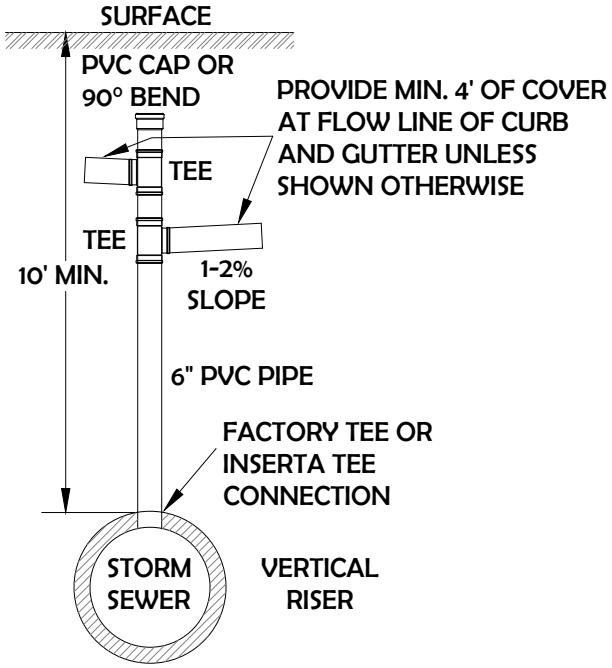
SCALE: 1" = 2'
REVISED 12/13/19 BV NW
J:\CITYDWG\Civil 3D Drawings\DTL\City SDDs\MANDREL FOR DEFLECTION TESTS.PDF

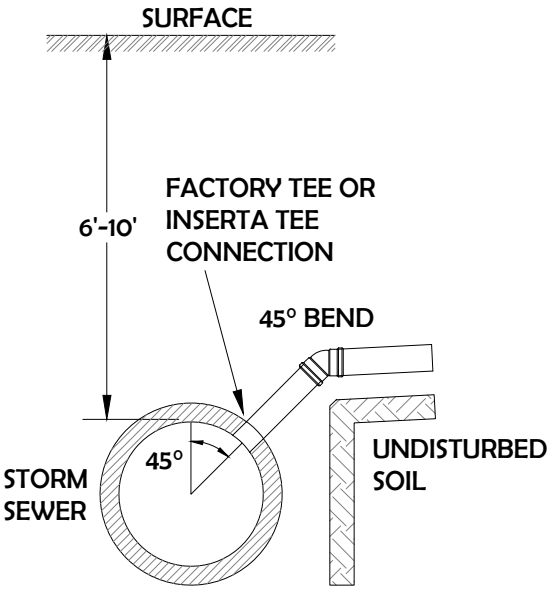
Fond du Lac
First on the Lake

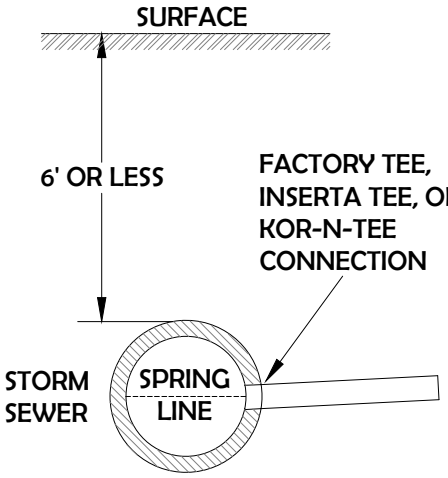
DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND TRAFFIC DIVISION
CITY OF FOND DU LAC, WISCONSIN

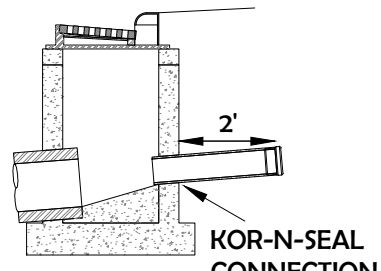
2-A-1

STORM SEWER LATERALS









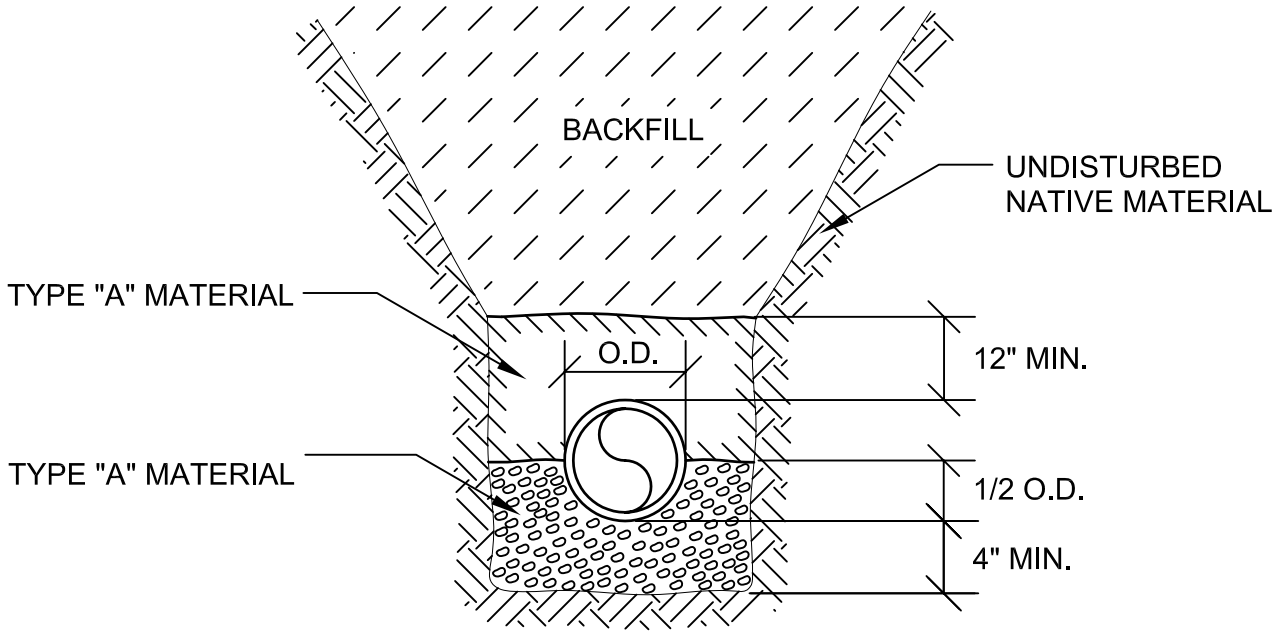
NOTES:

1. LATERALS SHALL BE 6" SDR-35 PVC UNLESS SHOWN OTHERWISE.
2. LATERALS SHALL BE LAID AT 1% TO 2% EXCEPT AS NEEDED TO AVOID OTHER UTILITIES.
3. PROVIDE MINIMUM 4' OF COVER AT FLOW LINE OF CURB AND GUTTER UNLESS SHOWN OTHERWISE.
4. LATERALS SHALL BE LAID TO A POINT 2' BEHIND THE CURB AND GUTTER UNLESS SHOWN OTHERWISE.
5. INSTALL PVC CAP OR PLUG AT END OF PIPE OR CONNECT TO EXISTING PIPE.
6. ALL LOCATIONS SHALL BE VERIFIED BY THE ENGINEER.

SCALE: 1" = 4'
REVISED 02/22/18 BY NW
J:\CITYDWG\Civil 3D Drawings\DTL\City SDDs\Storm Sewer Lateral Detail.pdf

Fond du Lac
First on the Lake

DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND TRAFFIC DIVISION
CITY OF FOND DU LAC, WISCONSIN



PROJECT

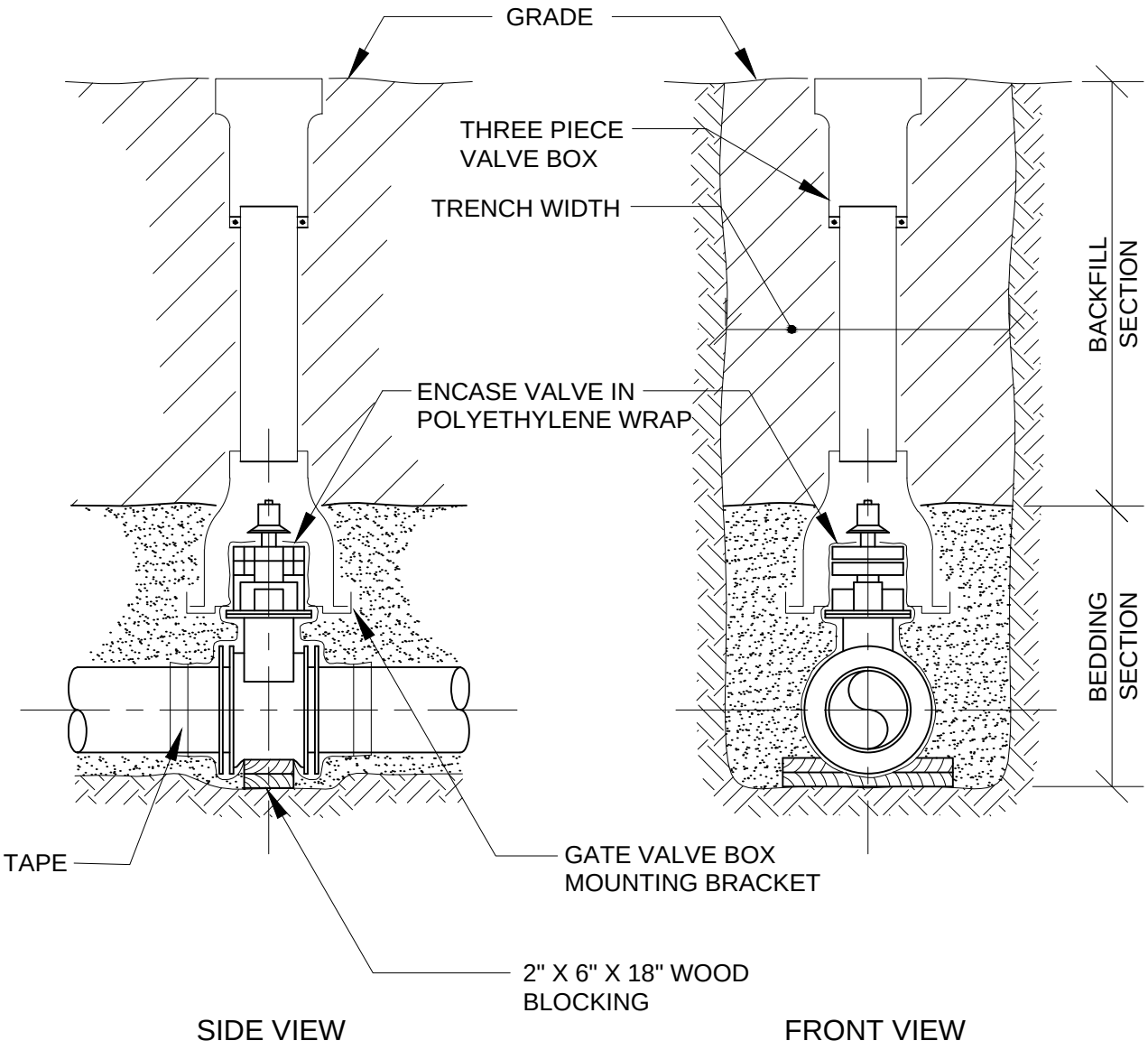
STANDARD DETAILS FOR WATER MAIN CONSTRUCTION

CITY OF FOND DU LAC
WATER UTILITY
FOND DU LAC COUNTY, WISCONSIN

TITLE

CLASS "E" BEDDING

DRAWN	JS	JOB NO. E101-54.01		DETAIL NO. S-5
CHECKED	MW	DATE	11/30/99	



PROJECT

STANDARD DETAILS FOR WATER MAIN CONSTRUCTION

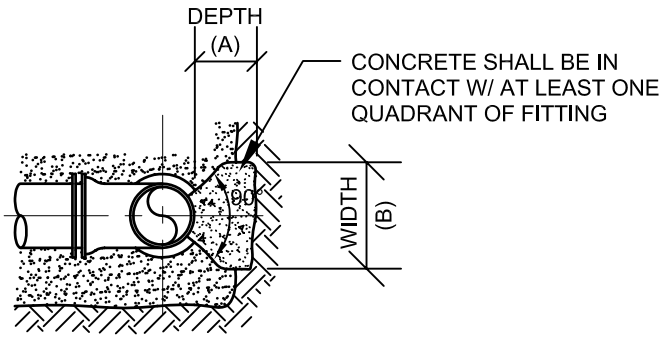
CITY OF FOND DU LAC
WATER UTILITY
FOND DU LAC COUNTY, WISCONSIN

TITLE: RESILIENT SEATED GATE VALVE & BOX SETTING WITH PVC WATER MAIN

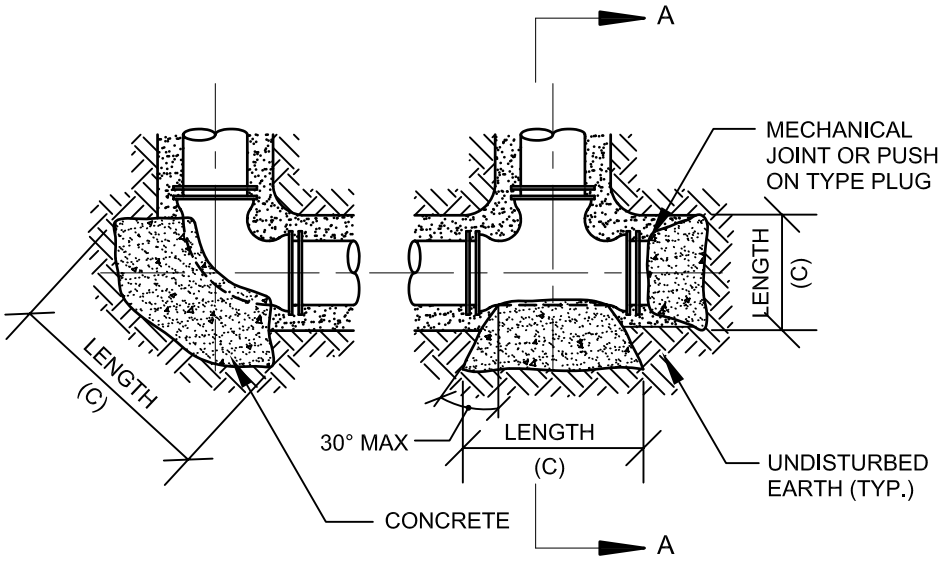
DRAWN	JS	JOB NO. E101-54.01		DETAIL NO. S-13
CHECKED	MW	DATE	2/15/2000	

THRUST BLOCKING NOTES:

1. CONCRETE SHALL HAVE A MIN. COMPRESSIVE STRENGTH OF 2000 PSI & SHALL BE CAST AGAINST UNDISTURBED EARTH.
2. FITTINGS SHALL BE ENCASED IN PLASTIC TO PREVENT CONCRETE BONDING TO FITTINGS.
3. FORM CONCRETE AS REQUIRED TO PREVENT CONTACT OR INTERFERENCE W/PIPE JOINTS.
4. THE LENGTH OF THE THRUST BLOCK SHALL BE APPROXIMATELY TWICE THE WIDTH. BEARING AREA = LENGTH (A) X WIDTH (B).



SECTION A-A



BEND PLAN
(* VARIES)

TEE PLAN

PROJECT

STANDARD DETAILS FOR WATER MAIN CONSTRUCTION

CITY OF FOND DU LAC
WATER UTILITY
FOND DU LAC COUNTY, WISCONSIN

TITLE

THRUST BLOCKING

DRAWN	JS	JOB NO. E101-54.01		DETAIL NO. S-9
CHECKED	MW	DATE	11/30/99	

THRUST BLOCK DIMENSIONS (1)											
PIPE SIZE	A	11 1/4° BEND		22 1/2° BEND		45° BEND		90° BEND		TEE/DEAD END	
		B	C	B	C	B	C	B	C	B	C
6"	1'-0	1'-8	1'-0	1'-8	1'-0	1'-8	1'-0	1'-8	1'-4	1'-8	1'-0
8"	1'-2	2'-0	1'-0	2'-0	1'-0	2'-0	1'-0	2'-0	1'-10	2'-0	1'-4
10"	1'-4	2'-3	1'-0	2'-3	1'-0	2'-3	1'-4	2'-3	2'-4	2'-3	1'-8
12"	1'-6	2'-6	1'-0	2'-6	1'-0	2'-6	1'-8	2'-6	3'-0	2'-6	2'-2
16"	2'-0	3'-0	1'-0	3'-0	1'-2	3'-0	2'-4	3'-0	4'-4	3'-0	3'-0
20"	2'-6	3'-9	1'-0	3'-9	1'-6"	3'-9	2'-10"	3'-9	5'-4"	3'-9	3'-9"
24"	3'-0	4'-3	1'-0	4'-3	1'-10"	4'-3	3'-8"	4'-3	6'-8"	4'-3	4'-8"

(1) DIMENSIONS IN TABLE ARE BASED ON A WATER PRESSURE OF 150 PSI AND AN ALLOWABLE SOIL BEARING PRESSURE OF 4000 PSF.

PROJECT

STANDARD DETAILS FOR WATER MAIN CONSTRUCTION

CITY OF FOND DU LAC
WATER UTILITY
FOND DU LAC COUNTY, WISCONSIN

TITLE

THRUST BLOCK DIMENSIONS

DRAWN	JS	JOB NO. E101-54.01	DETAIL NO.
CHECKED	MW	DATE 11/30/99	S-11

U.S. JOINT RESTRAINT LENGTHS(1) (FEET)

PIPE SIZE	HORIZONTAL & VERTICAL-UP BENDS				
	11 1/4° BEND	22 1/2° BEND	45° BEND	90° BEND	DEAD END
6"	2	4	7	16	31
8"	3	5	9	21	41
10"	3	5	11	25	49
12"	3	6	13	30	58
16"	4	8	17	39	75
18"	4	9	19	44	84
20"	5	10	20	48	92
24"	6	12	24	57	109
PIPE SIZE	VERTICAL-DOWN BENDS				
	11 1/4° BEND	22 1/2° BEND	45° BEND	90° BEND	
6"	4	7	13	31	
8"	5	9	17	41	
10"	5	10	21	49	
12"	6	12	25	59	
16"	8	16	32	77	
18"	9	18	37	95	
20"	10	19	40	95	
24"	12	23	47	113	

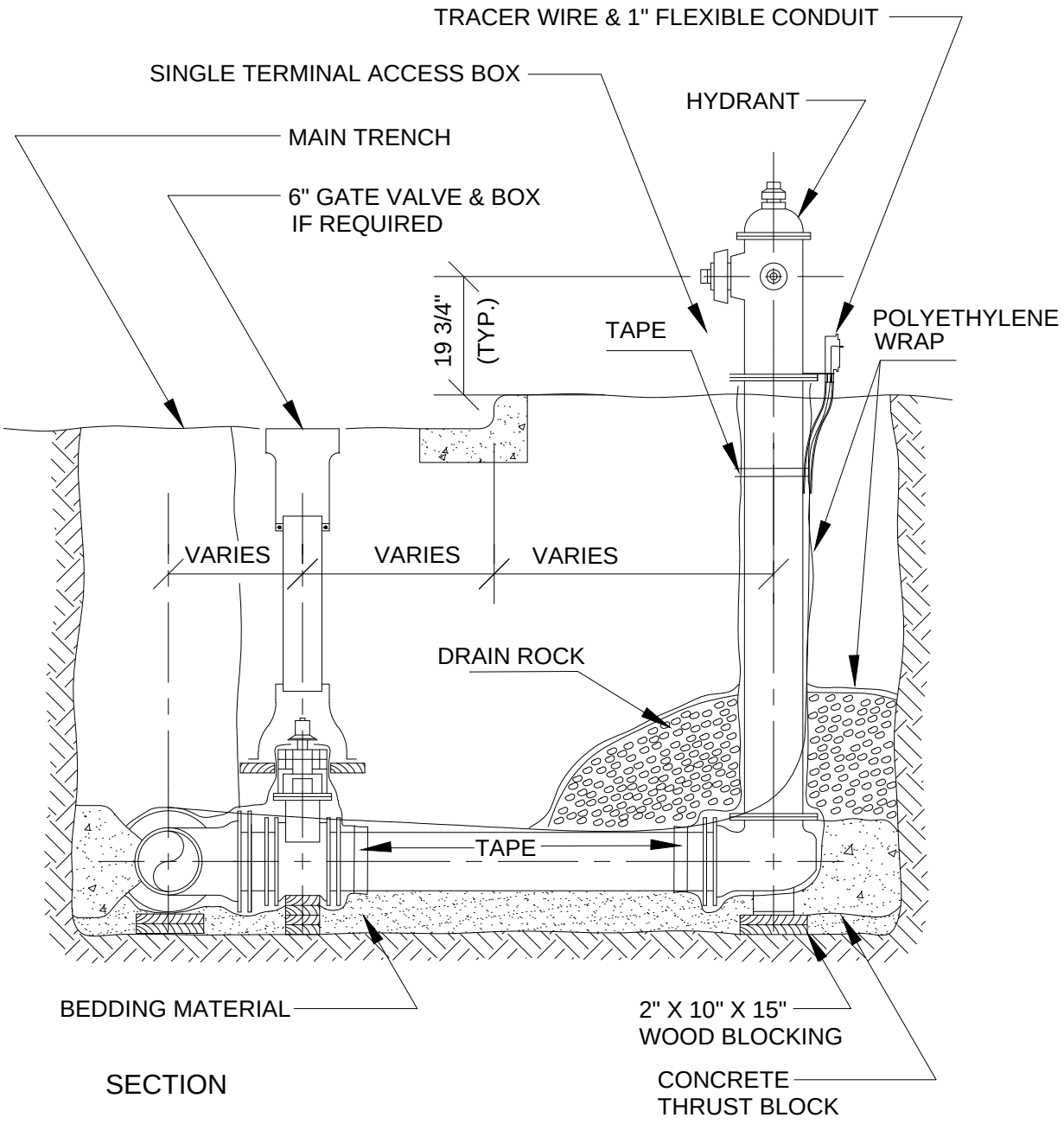
(1) RESTRAINT LENGTHS BASED ON DIPRA PUBLICATION "THRUST RESTRAINT DESIGN FOR DUCTILE IRON PIPE" SECOND EDITION 1986. WITH THE FOLLOWING ASSUMPTIONS:
LAY CONDITION - TYPE 4
SOILS - CLAY 1 (TABLE 3, PG. 11)
DEPTH - 6'-0
PIPE ENCASED IN POLYETHYLENE WRAP
SAFTEY FACTOR - 1.5
PIPELINE PRESSURE - 100 PSI

PROJECT
STANDARD DETAILS FOR WATER MAIN CONSTRUCTION

CITY OF FOND DU LAC
WATER UTILITY
FOND DU LAC COUNTY, WISCONSIN

TITLE
U.S. JOINT RESTRAINT LENGTHS

DRAWN	JS	JOB NO. E101-54.01	DETAIL NO.
CHECKED	MW	DATE 11/30/99	S-12.1



SECTION

PROJECT

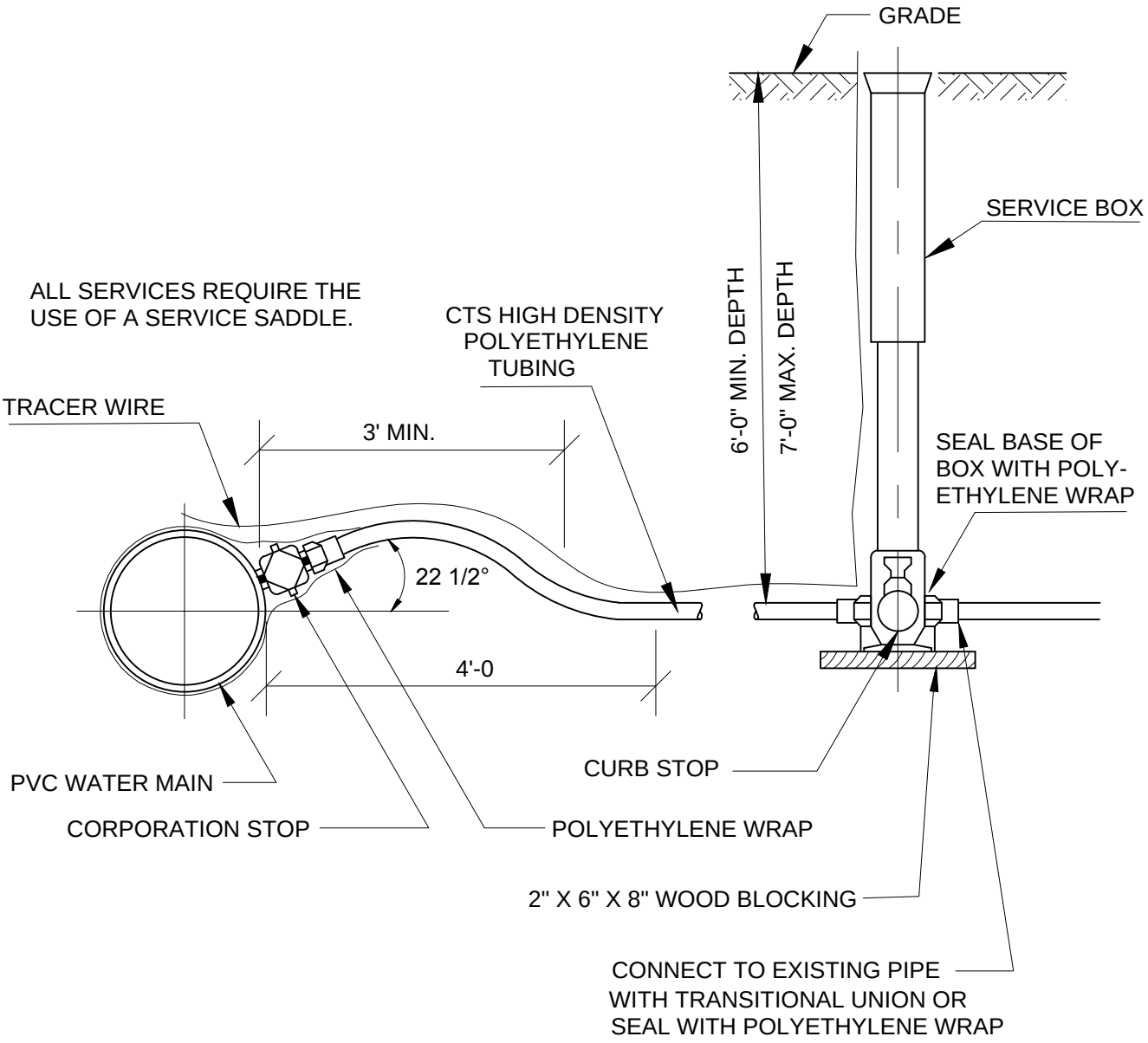
STANDARD DETAILS FOR WATER MAIN CONSTRUCTION

CITY OF FOND DU LAC
WATER UTILITY
FOND DU LAC COUNTY, WISCONSIN

TITLE: STANDARD HYDRANT WITH PVC WATER MAIN

DRAWN	JS	JOB NO. E101-54.01	DETAIL NO. S-15
CHECKED	MW	DATE 3/29/2010	

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



PROJECT

STANDARD DETAILS FOR WATER MAIN CONSTRUCTION

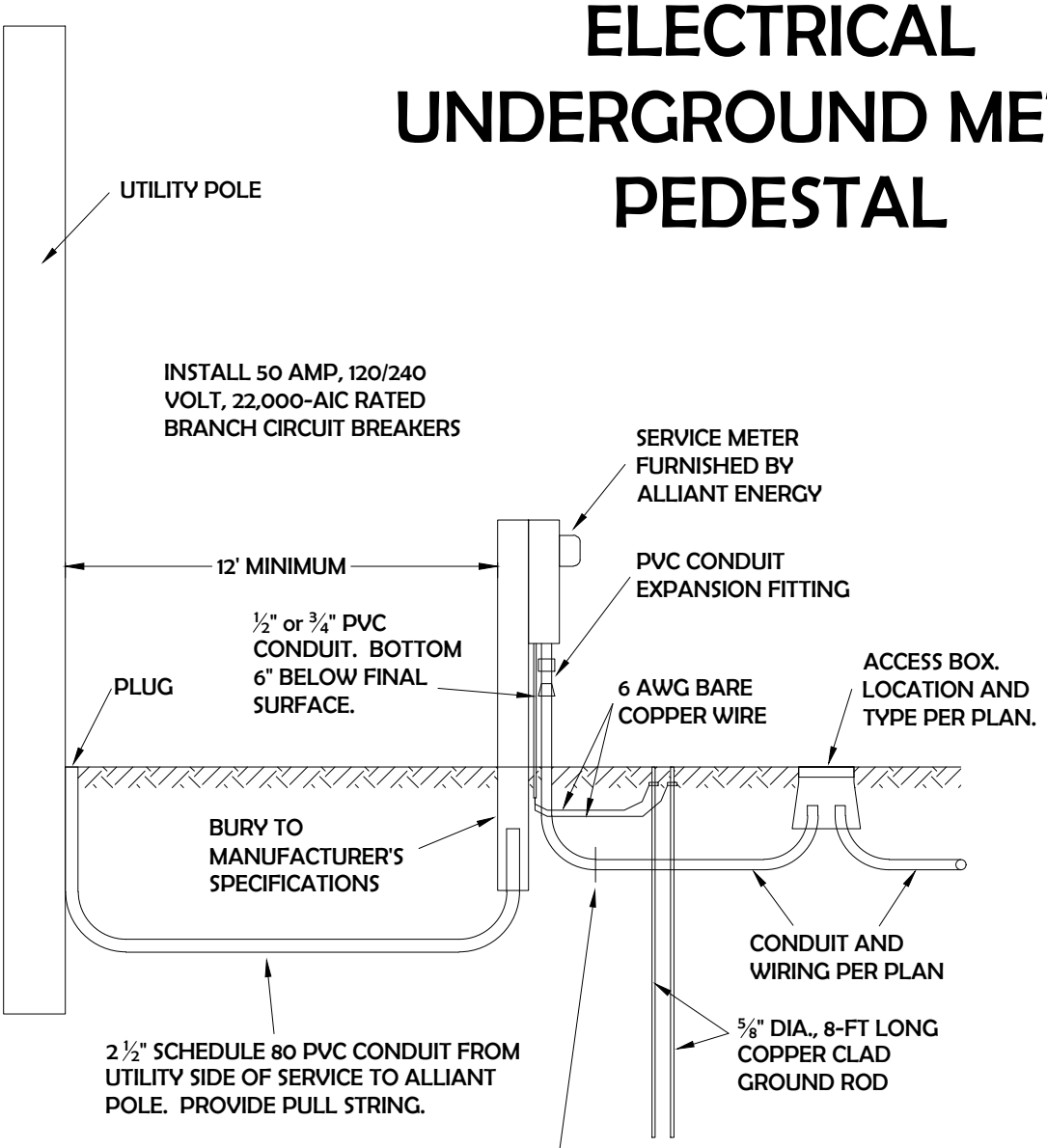
CITY OF FOND DU LAC
WATER UTILITY
FOND DU LAC COUNTY, WISCONSIN

TITLE: POLYETHYLENE WATER SERVICE

DRAWN	JS	JOB NO. E101-54.01	DETAIL NO.
CHECKED	MW	DATE 2/14/14	S-16

5-A-1

ELECTRICAL UNDERGROUND METER PEDESTAL



CONDUIT, WIRING, AND ACCESS BOXES PAID SEPARATELY FROM THIS POINT. OTHER ITEMS SHOWN PAID AS "ELECTRICAL SERVICE METER PEDESTAL".

UNDERGROUND METER PEDESTAL INSTALLATION SHALL CONFORM WITH THE LATEST ACCEPTED NATIONAL ELECTRIC CODE AND THE ALLIANT ENERGY SERVICE MANUAL.

REVISED 01/11/21 BY NW
J:\CITYDWG\Civil 3D Drawings\DTL\City SDDs\Electrical Underground Meter Pedestal.pdf

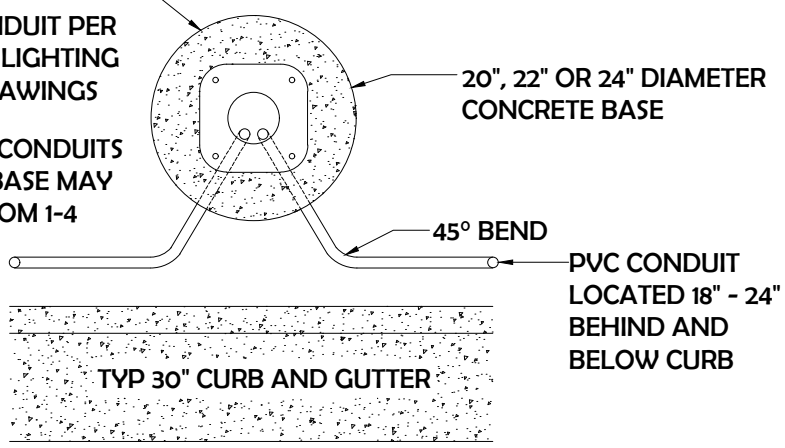
Fond du Lac
First on the Lake

DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND TRAFFIC DIVISION
CITY OF FOND DU LAC, WISCONSIN

5-B-1

CONCRETE BASES FOR TRAFFIC SIGNALS & STREET LIGHTS

TOP VIEW



TB1 TRANSFORMER BASE
22" OR 24" CONCRETE BASE
15" DIAMETER BOLT PATTERN

TB2 TRANSFORMER BASE
20" CONCRETE BASE
11.5" DIAMETER BOLT PATTERN

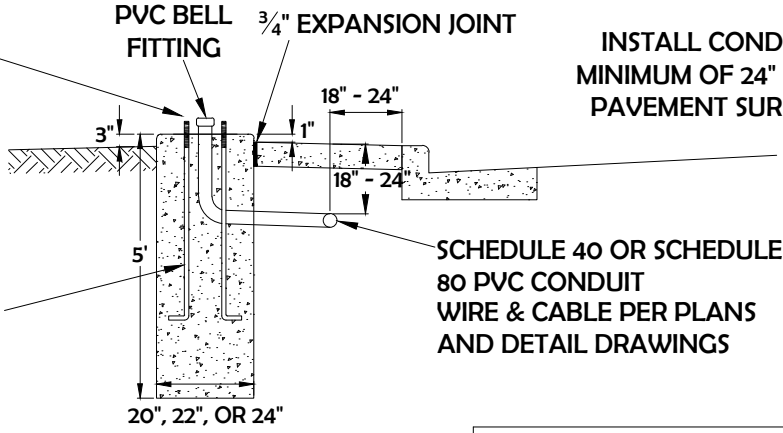
PEDESTAL BASE
20" CONCRETE BASE
12.5" DIAMETER BOLT PATTERN

HALF SECTION IN UNPAVED AREA

HALF SECTION IN CONCRETE

REMOVE TOP 12" OF SONOTUBE

THREADED BOLTS 4" MAX ABOVE BASE FOR COBRA HEAD LIGHTS AND 3" MAX ABOVE BASE FOR TRAFFIC SIGNALS



INSTALL CONDUIT A MINIMUM OF 24" BELOW PAVEMENT SURFACES

ALL THREADS SHALL BE ANTI-SEIZED

1" X 42" GALVANIZED ANCHOR BOLTS

SCHEDULE 40 OR SCHEDULE 80 PVC CONDUIT WIRE & CABLE PER PLANS AND DETAIL DRAWINGS

Fond du Lac
First on the Lake

DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND TRAFFIC DIVISION
CITY OF FOND DU LAC, WISCONSIN

REVISED 06/02/20 BY NW
J:\CITYDWG\Civil 3D Drawings\DTL\City SDDs\Concrete Bases for Traffic Signals & Street Lights Detail.pdf

5-C-1

ORNAMENTAL STREET LIGHT

UTILITY POSTOP LED LUMINAIRE, LED PERFORMANCE PACKAGE P20, 3000K CCT, GLASS REFRACTOR TYPE 3, BALL FINIAL & BLACK FINISH (HOLOPHANE PTUE2P2030KASGL3BKBP7PHSS90)
NEMA TWISTLOCK PHOTOCONTROL (TORK 5237A)

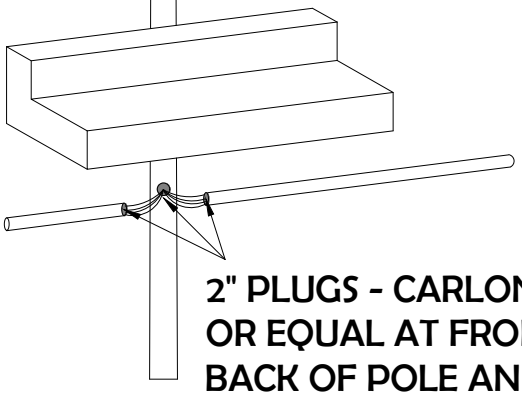
19' POLE (VALMONT TB19X503HST3)

USE 3 - ELEC. WIRE 12 AWG (HOT, NEUTRAL, GROUND) FROM HANDHOLE TO LUMINAIRE. USE 20' OF EACH WIRE (60' TOTAL).

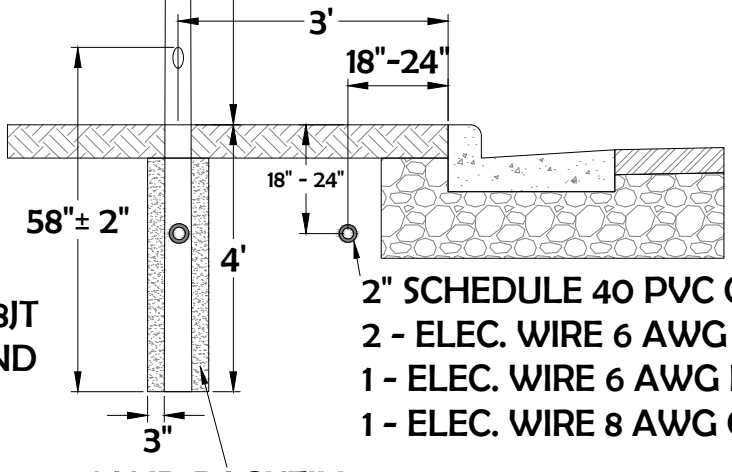
INSTALL IN-LINE FUSE ASSEMBLY WITH 5 AMP FUSE

USE APPROVED INSULATED TERMINAL BLOCK CONNECTORS FOR SPLICES

HANDHOLE SHALL BE 8"-12" ABOVE GRADE & ORIENTED TOWARD STREET



2" PLUGS - CARLON P258JT OR EQUAL AT FRONT AND BACK OF POLE AND AT CONDUIT ENDS



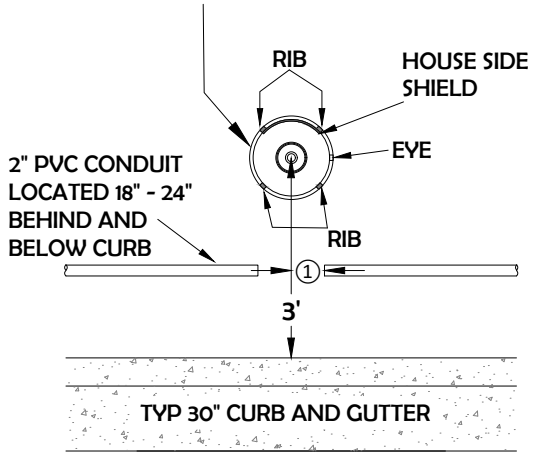
SAND BACKFILL

2" SCHEDULE 40 PVC CONDUIT
2 - ELEC. WIRE 6 AWG HOTS
1 - ELEC. WIRE 6 AWG NEUTRAL
1 - ELEC. WIRE 8 AWG GROUND

TOP VIEW

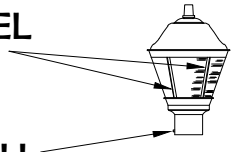
① ENDS OF CONDUIT NO MORE THAN 1' FROM CENTER OF LIGHT POLE

LIGHT POLE AND BASE



ORIENT RIBS PARALLEL TO ROADWAY

ORIENT EYE TO NORTH



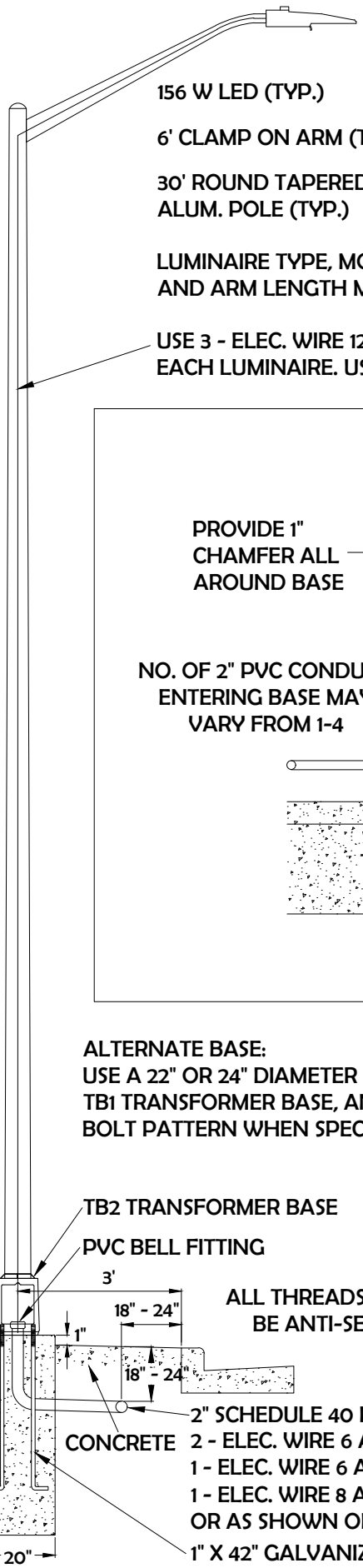
NOT TO SCALE
REVISED 3/30/21 BY NW
J:\CITYDWG\Civil 3D Drawings\DTL\City SDDs\Ornamental Street Light Detail.pdf

Fond du Lac
First on the Lake

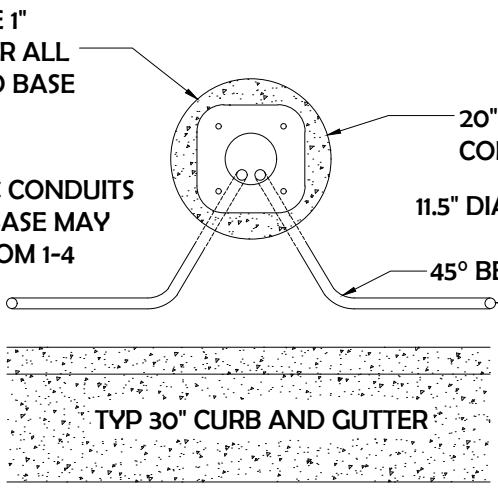
DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND TRAFFIC DIVISION
CITY OF FOND DU LAC, WISCONSIN

5-C-2

COBRA HEAD STREET LIGHT



TOP VIEW



ALTERNATE BASE:
USE A 22" OR 24" DIAMETER CONCRETE BASE, TB1 TRANSFORMER BASE, AND 15" DIAMETER BOLT PATTERN WHEN SPECIFIED ON PLANS

REVISED 1/8/21 BY NW
J:\CITYDWG\Civil 3D Drawings\DTL\City SDDs\Cobra Head Street Light Detail.pdf

Fond du Lac
First on the Lake

DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND TRAFFIC DIVISION
CITY OF FOND DU LAC, WISCONSIN