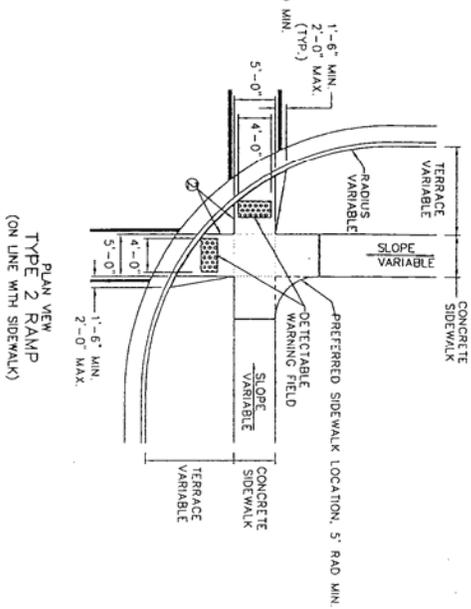
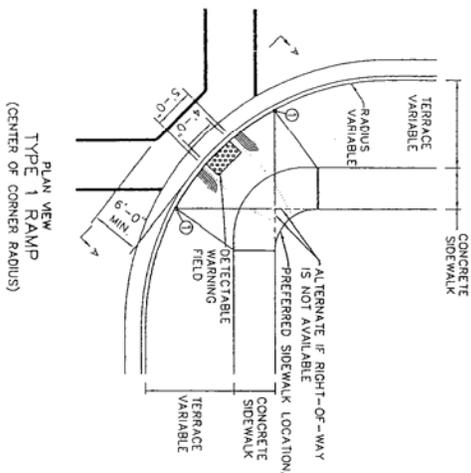


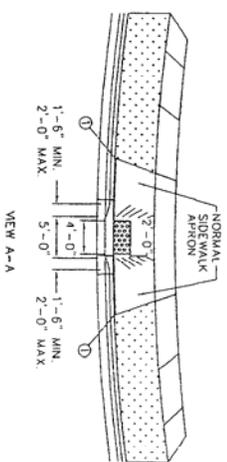
## STANDARD DETAIL DRAWINGS

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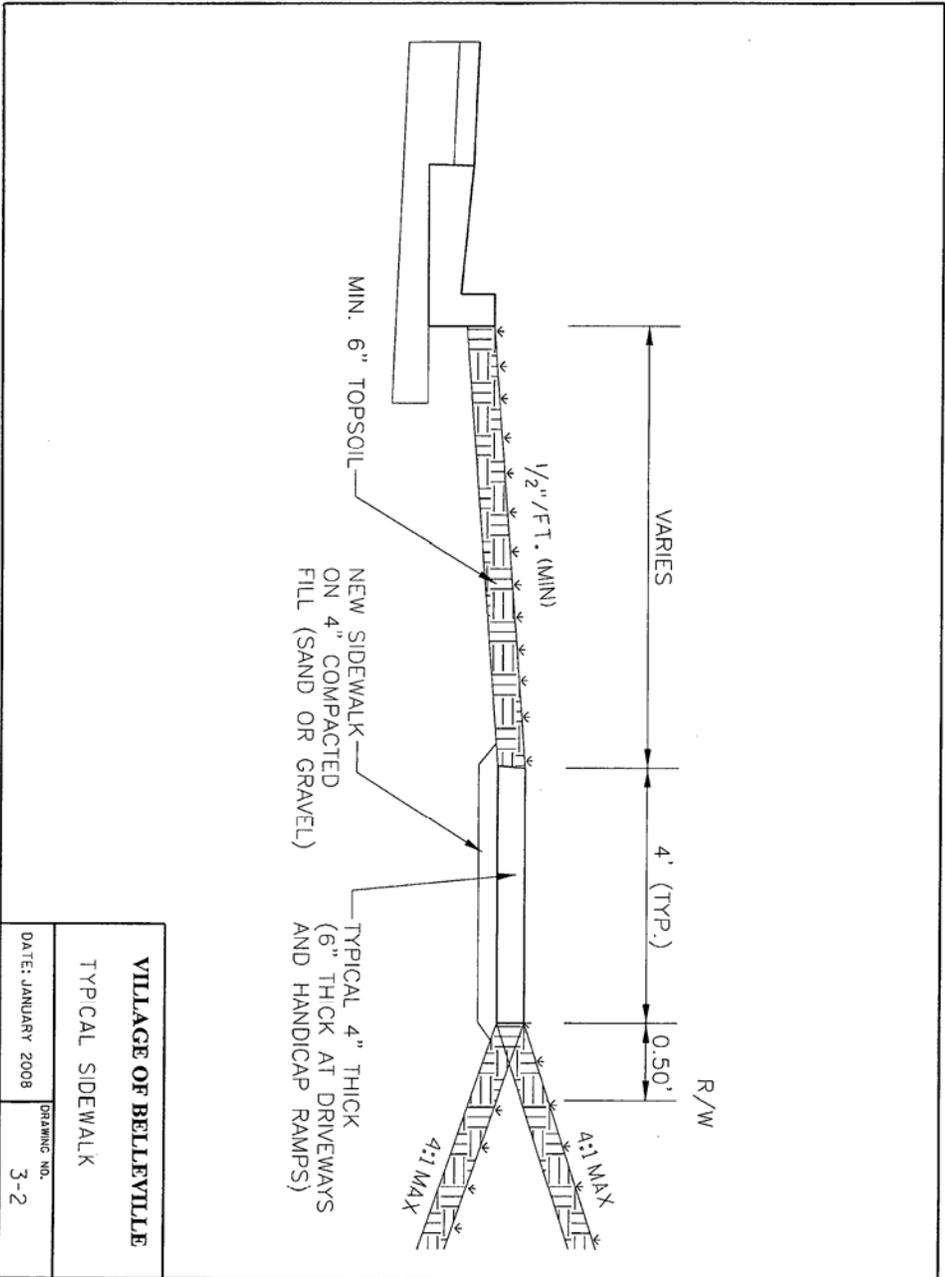
**GENERAL NOTES**

- TYPE 2 RAMPS SHALL BE USED IN NEW DEVELOPMENTS UNLESS OTHERWISE APPROVED BY CITY ENGINEER.
- DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
- RAMPS SHALL BE BUILT AT 12H:1V OR FLATTER, WHEN NECESSARY. THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.
- CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES SHALL BE APPROVED BY THE CITY ENGINEER. THE COLOR OF THE DETECTABLE WARNING FIELD SHALL BE SAFETY YELLOW.
- SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.
- ① THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB.
  - ② WHEN THIS DISTANCE IS LESS THAN 6'-0" IT MAY BE DIFFICULT TO ACHIEVE A 12H:1V SLOPE, OR FLATTER, ON THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 12H:1V SLOPE, OR FLATTER, ON RAMP. 2" MINIMUM CURB HEIGHT.



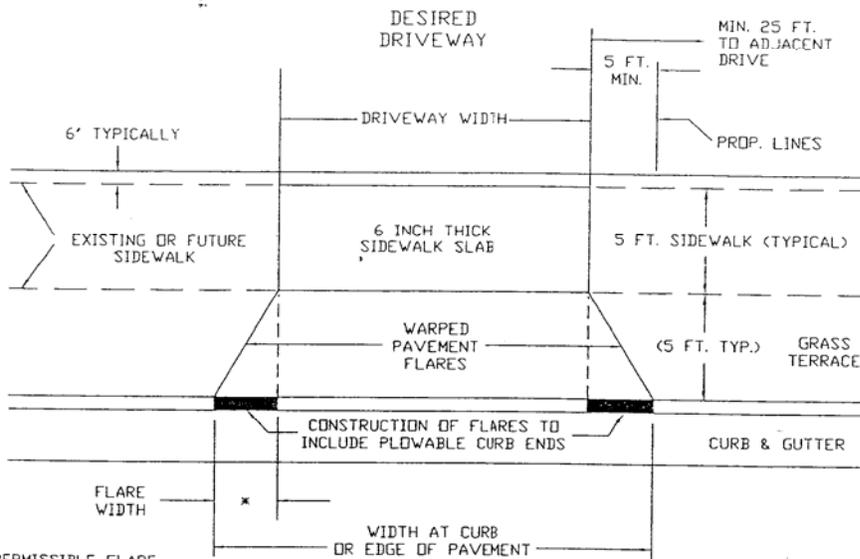
- LEGEND**
- 1/2" EXPANSION JOINT-SIDEWALK
  - CONTRACTION JOINT FIELD LOCATED
  - PAVEMENT MARKING, WHITE, 6-INCH
  - ALTERNATE LAYOUT

VILLAGE OF BELLEVILLE  
 CURB RAMP  
 DATE: MAY 2005  
 DRAWING NO. 3-1



|                              |                 |
|------------------------------|-----------------|
| <b>VILLAGE OF BELLEVILLE</b> |                 |
| TYPICAL SIDEWALK             |                 |
| DATE: JANUARY 2008           | DRAWING NO. 3-2 |

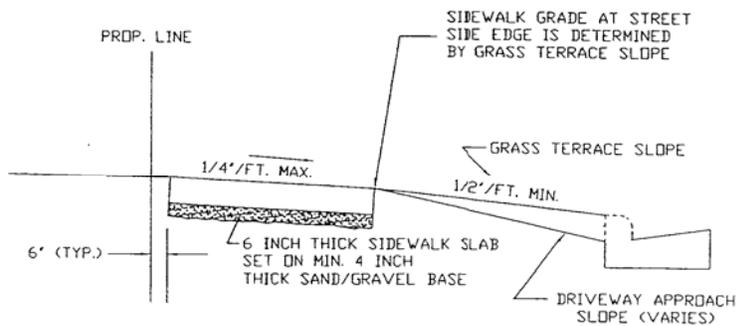




\* PERMISSIBLE FLARE IS FROM 0.5 TO 1.0 TIMES THE GRASS TERRACE WIDTH, NOT TO EXCEED 2.5 FT. ON EITHER SIDE OF DRIVEWAY

PLAN VIEW  
(NOT TO SCALE)

\* MAXIMUM DRIVEWAY WIDTHS  
RESIDENTIAL: 24' OR 25% OF THE PLATTED STREET FRONTAGE.  
COMM./IND./MULTIFAM: 30'

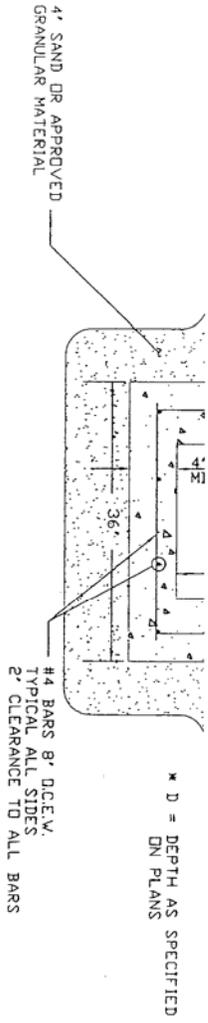


CROSS SECTION  
(NOT TO SCALE)

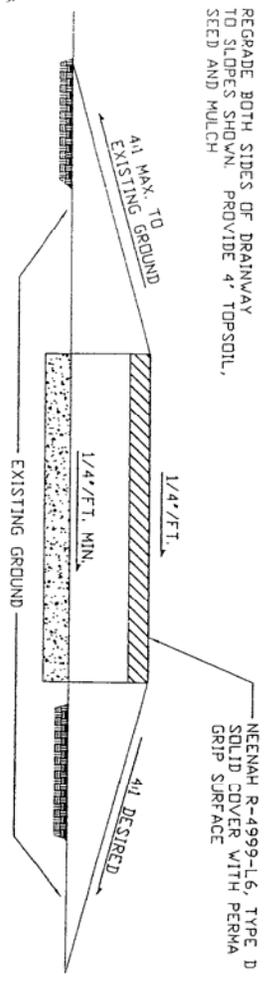
VILLAGE OF BELLEVILLE  
STANDARD RESIDENTIAL  
DRIVEWAY OPENING

DATE: Apr. 2005

DRAWING NO.  
3-4

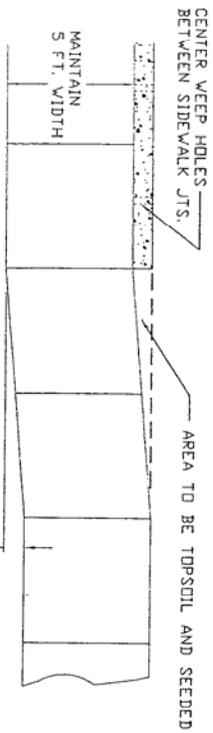
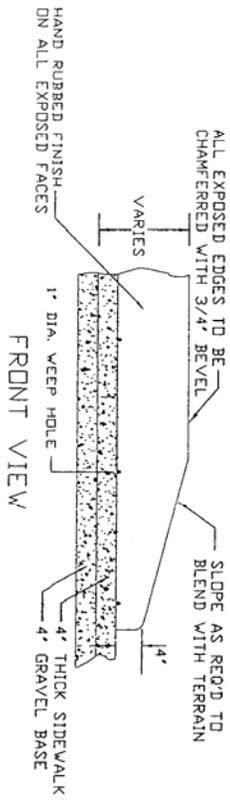
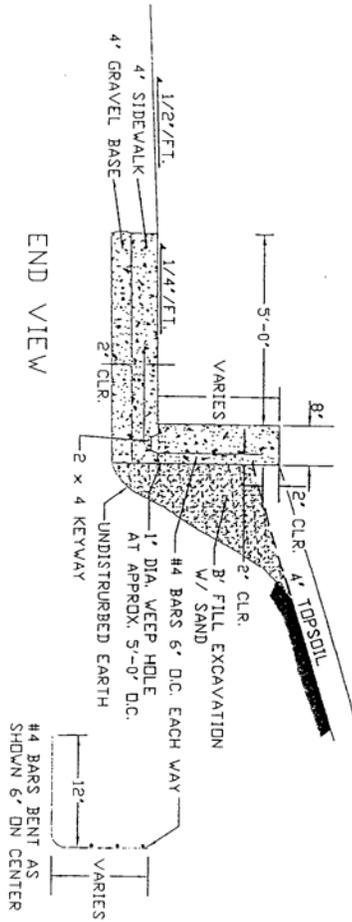


END VIEW  
NO SCALE



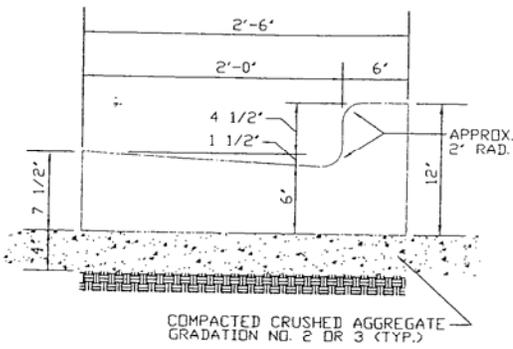
SIDE VIEW  
NO SCALE

|                              |                   |
|------------------------------|-------------------|
| <b>VILLAGE OF BELLEVILLE</b> |                   |
| SIDEWALK DRAINWAY            |                   |
| DETAIL                       |                   |
| DATE: SEPT. 1996             | DRAWING NO: 3 - 5 |

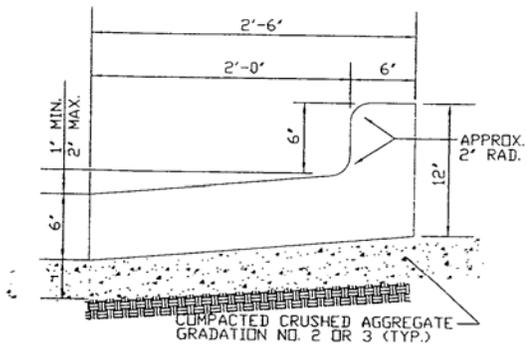


VILLAGE OF BELLEVILLE  
 CONCRETE RETAINING WALL  
 DETAIL

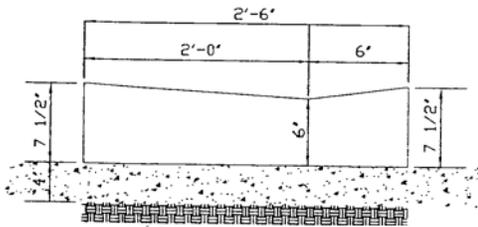
DATE: SEPT. 1996  
 DRAWING NO. 3-6



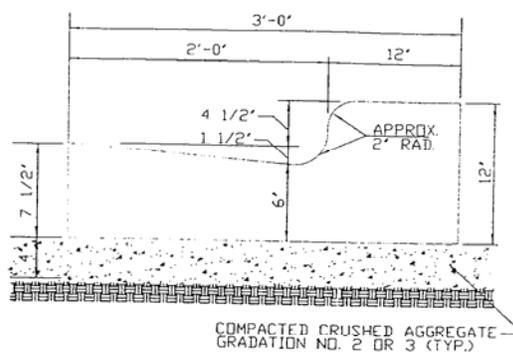
STANDARD SECTION



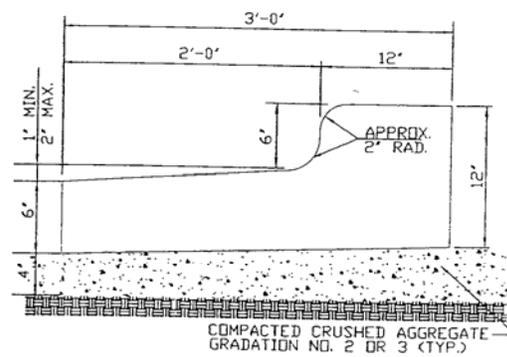
REJECT SECTION



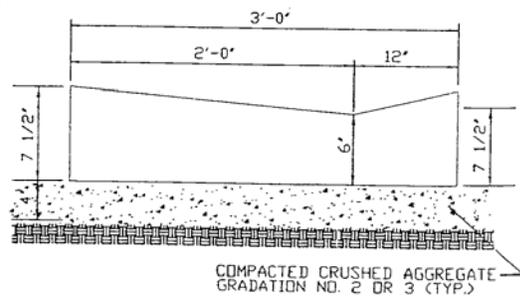
DRIVEWAY SECTION



STANDARD SECTION



REJECT SECTION

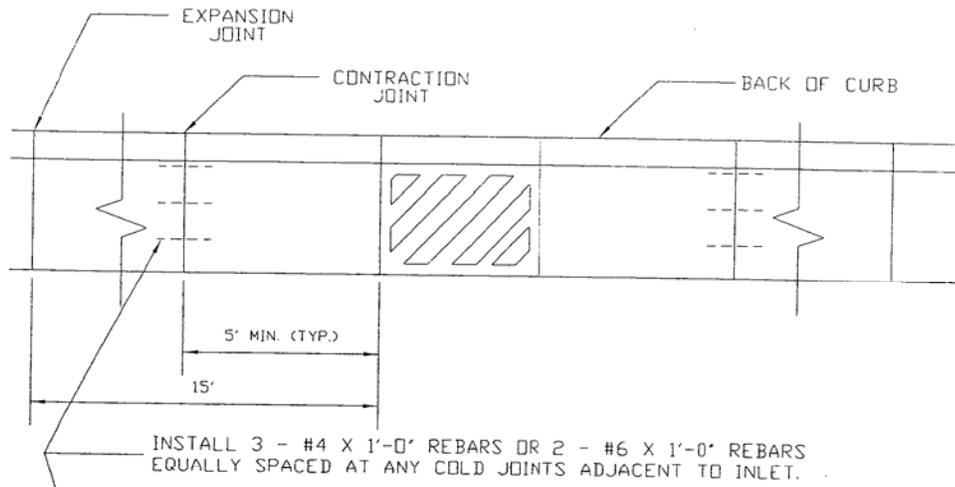


DRIVEWAY SECTION

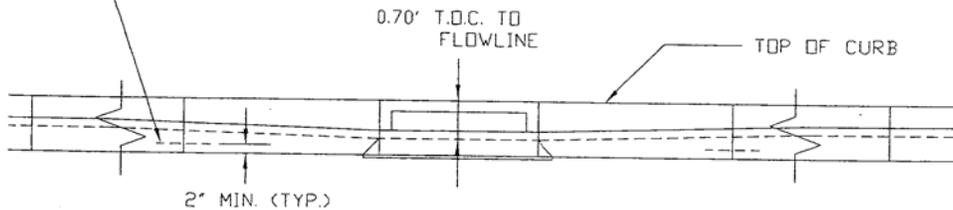
VILLAGE OF BELLEVILLE  
 CONCRETE CURB & GUTTER  
 DETAILS

DATE: MAR. 2005

DRAWING NO.  
 3 - 7



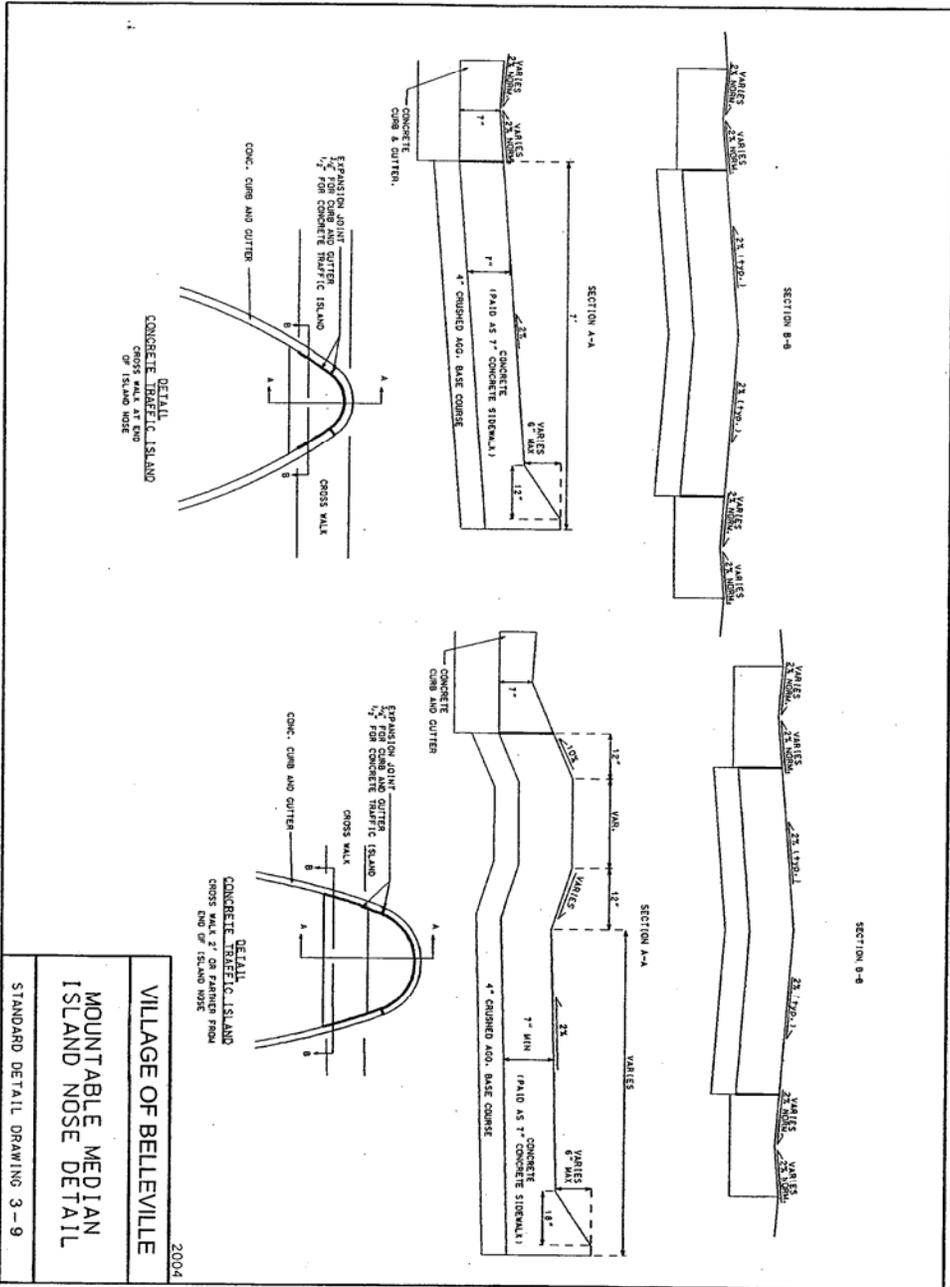
TOP VIEW



FRONT VIEW

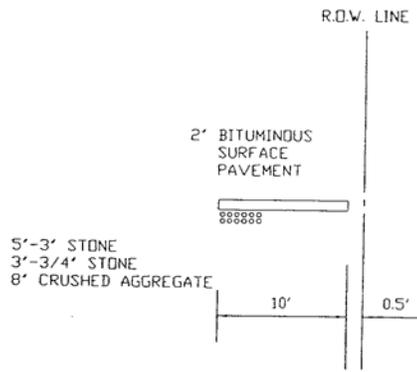
NOTE:  
EXPANSION JOINT MATERIAL SHALL NOT BE PLACED  
WITHIN 15' OF ANY INLET.

|                                                                |                    |
|----------------------------------------------------------------|--------------------|
| <b>VILLAGE OF BELLEVILLE</b><br>CURB & GUTTER-<br>INLET DETAIL |                    |
| DATE: FEB. 2005                                                | DRAWING NO.<br>3-8 |

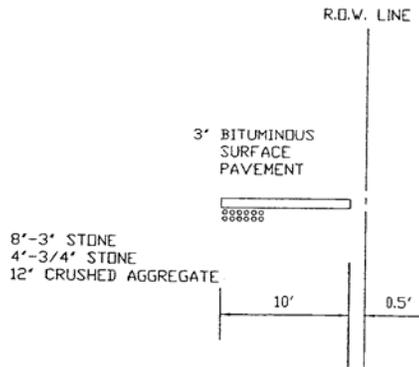


VILLAGE OF BELLEVILLE  
 MOUNTABLE MEDIAN  
 ISLAND NOSE DETAIL  
 STANDARD DETAIL DRAWING 3-9

2004



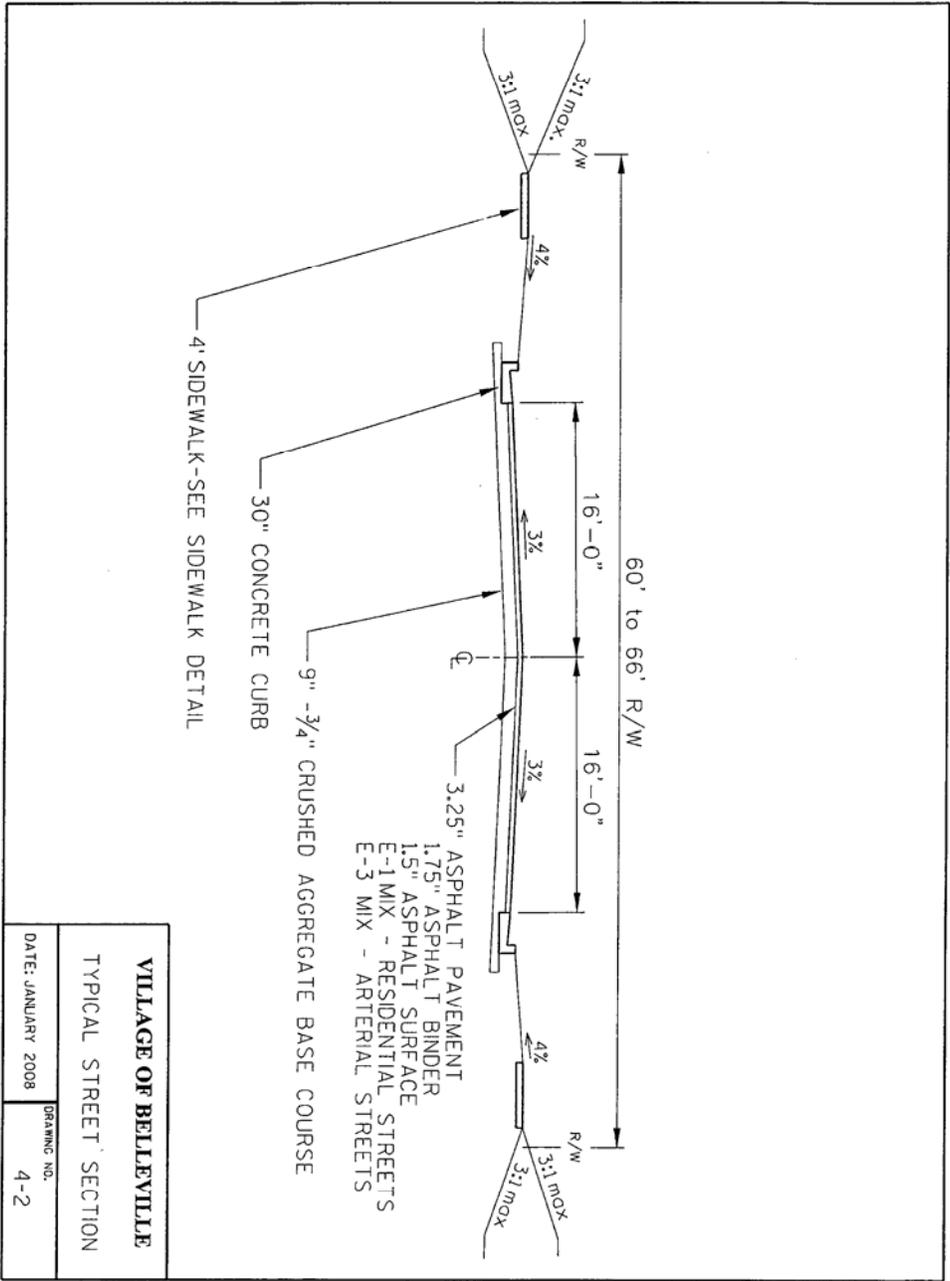
TYPE 1 BIKE/PEDESTRIAN PATH



TYPE 2 BIKE/PEDESTRIAN PATH

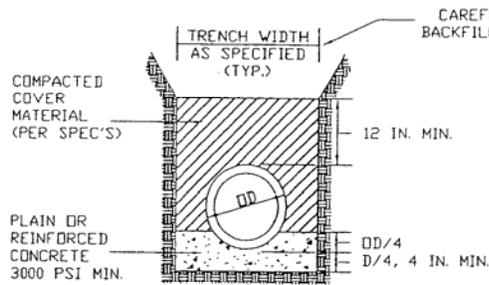
- NOTES: 1.) TYPE 2 PATH SHALL BE CONSTRUCTED AT LOCATIONS WHERE SANITARY MANHOLES WILL BE LOCATED WITHIN OR NEXT TO PATH.  
 2.) CROSS SLOPE OF PATH SHALL BE 1/4" PER FOOT.  
 3.) WIDTH OF BASECOURSE MATERIAL TO BE 12 FOOT.

|                                          |                    |
|------------------------------------------|--------------------|
| <b>VILLAGE OF BELLEVILLE</b>             |                    |
| TYPICAL ASPHALT BIKE/<br>PEDESTRIAN PATH |                    |
| DATE: JAN. 2005                          | DRAWING NO.<br>4-1 |



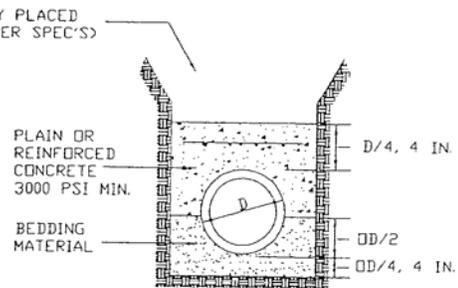
**VILLAGE OF BELLEVILLE**  
 TYPICAL STREET SECTION

|                    |             |
|--------------------|-------------|
| DATE: JANUARY 2008 | DRAWING NO. |
|                    | 4-2         |



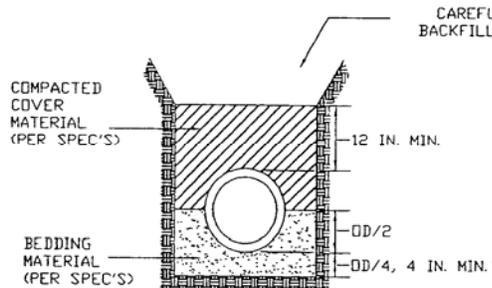
NOTE - MINIMUM WIDTH OF CONCRETE CRADLE =  $DD + 8$  IN.

CLASS A  
CONCRETE CRADLE

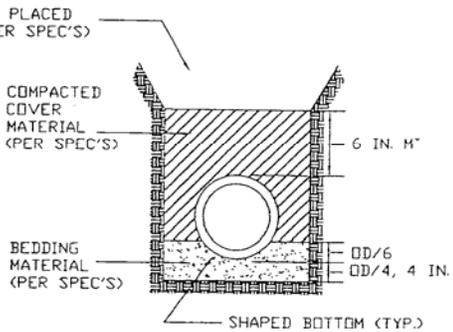


NOTE - MINIMUM WIDTH OF CONCRETE ARCH =  $DD + 8$  IN.

CLASS A-1  
CONCRETE ARCH



CLASS B



CLASS C

NOTES: ALL PVC AND ABS SEWER MAINS AND LATERALS SHALL BE CLASS 'B' MIN., OR AS CALLED FOR IN THE SPECIAL PROVISIONS.

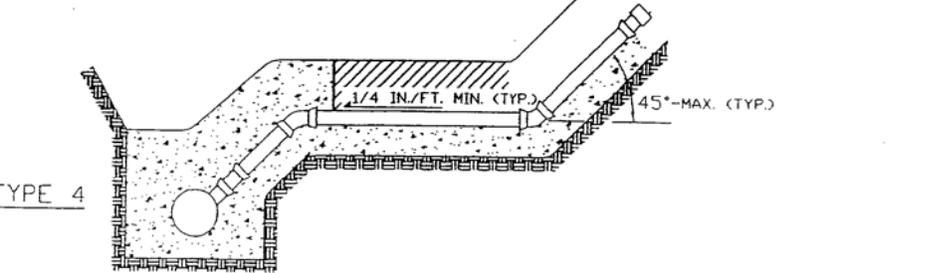
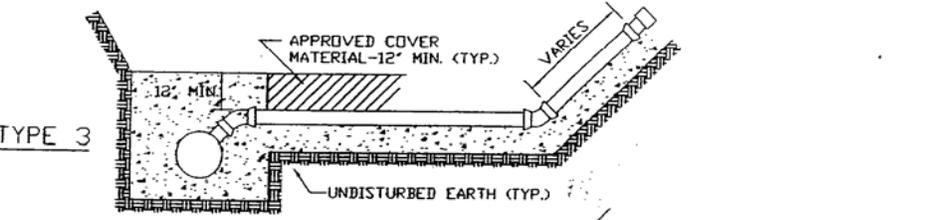
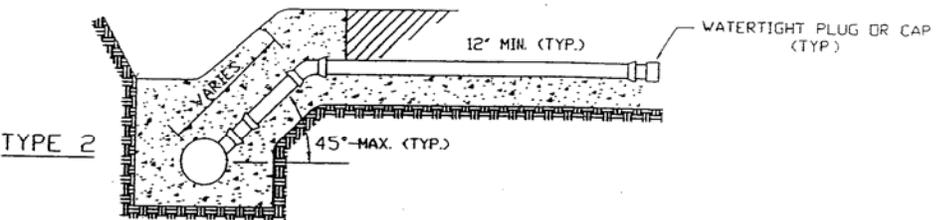
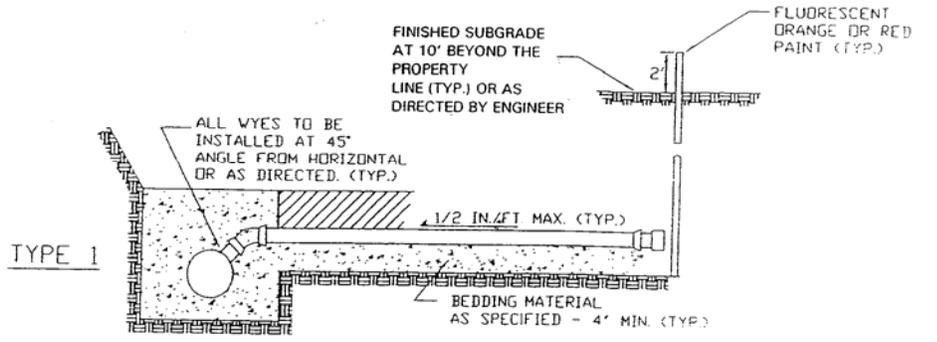
ALL BEDDING AND COVER MATERIALS SHALL BE AS SPECIFIED AND SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

UNDERCUT SHALL BE IN ACCORDANCE WITH SECTION 3 OF THE STORM AND SANITARY SEWER STANDARD SPECIFICATIONS.

VILLAGE OF BELLEVILLE  
STORM AND SANITARY SEWER  
BEDDING STANDARDS

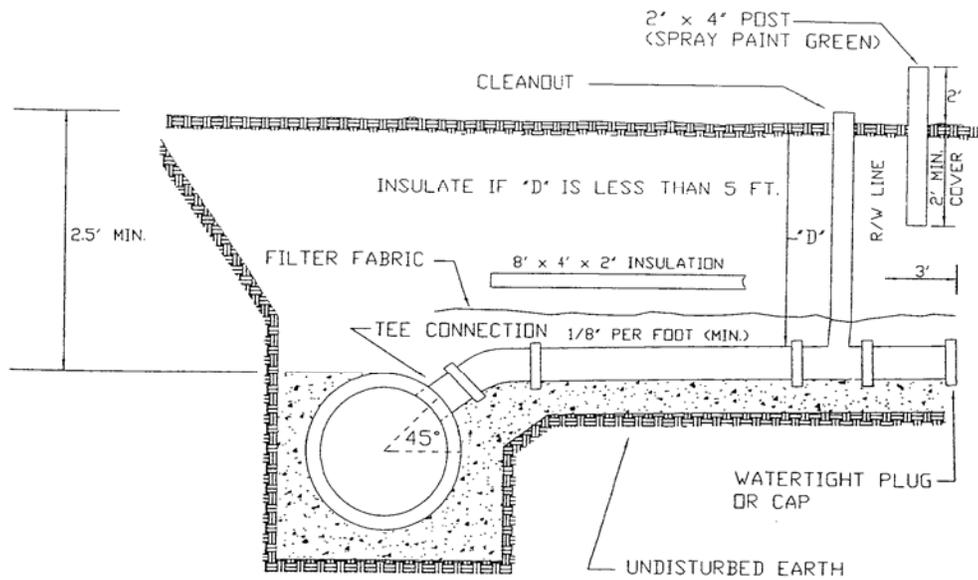
DATE: SEPT. 1996

DRAWING NO.  
S - 1



- NOTES:
- 1.) BEDDING MATERIAL SHALL BE ENGINEER APPROVED, CLASS 'B' MINIMUM.
  - 2.) ENDS OF ALL LATERALS TO BE 10 FT. MIN. COVER AT END, AND BE MARKED BOTH BELOW AND ABOVE SURFACE WITH 4' LONG 2" x 4'.
  - 3.) ALL NEW CONSTRUCTION TO BE PLACED ON UNDISTURBED GROUND OR SAND COMPACTED TO 95% MAXIMUM DENSITY.
  - 4.) LATERAL MATERIAL INCLUDING FITTINGS SHALL BE OF SAME MATERIAL AS THE SEWER MAIN, OR AS DIRECTED BY ENGINEER.

|                                             |                      |
|---------------------------------------------|----------------------|
| <b>VILLAGE OF BELLEVILLE</b>                |                      |
| SANITARY SEWER LATERALS<br>STANDARD DETAILS |                      |
| DATE: JAN 2008                              | DRAWING NO.<br>5 - 2 |

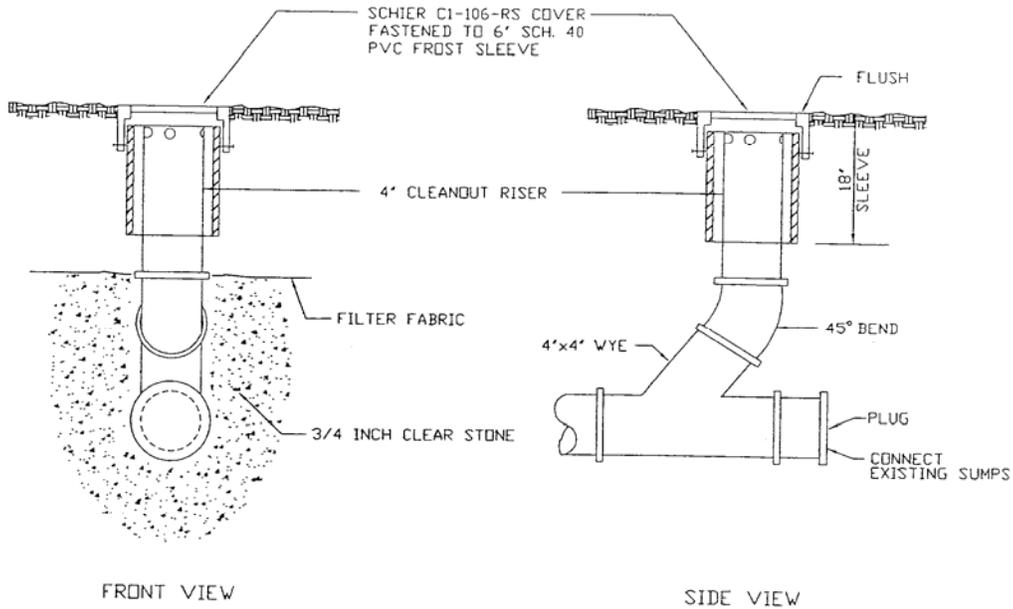


- NOTES: 1.) NEW CONNECTIONS SHALL CONSIST OF A FACTORY SUPPLIED 4" DIAMETER TEE CONNECTION WITH AN ENGINEER APPROVED METHOD AND MATERIAL.
- 2.) LATERAL PIPE SHALL BE SCHEDULE 40 PVC OR EQUAL.
- 3.) LATERAL PIPE SHALL HAVE CLASS 'B' BEDDING. BEDDING AND COVER MATERIAL SHALL CONSIST OF 3/4 INCH CLEAR STONE.
- 4.) LATERAL SHALL BE INSULATED AT ALL LOCATIONS WITH LESS THAN 5 FT. OF COVER MATERIAL.
- 5.) EXISTING STORM SEWER SHALL BE CORED USING PORTABLE CORE DRILL AND THE CONNECTION SHALL BE MADE USING STRAPPED ON SADDLE AS APPROVED BY CITY ENGINEER.

VILLAGE OF BELLEVILLE  
TYPICAL STORM SEWER  
LATERAL

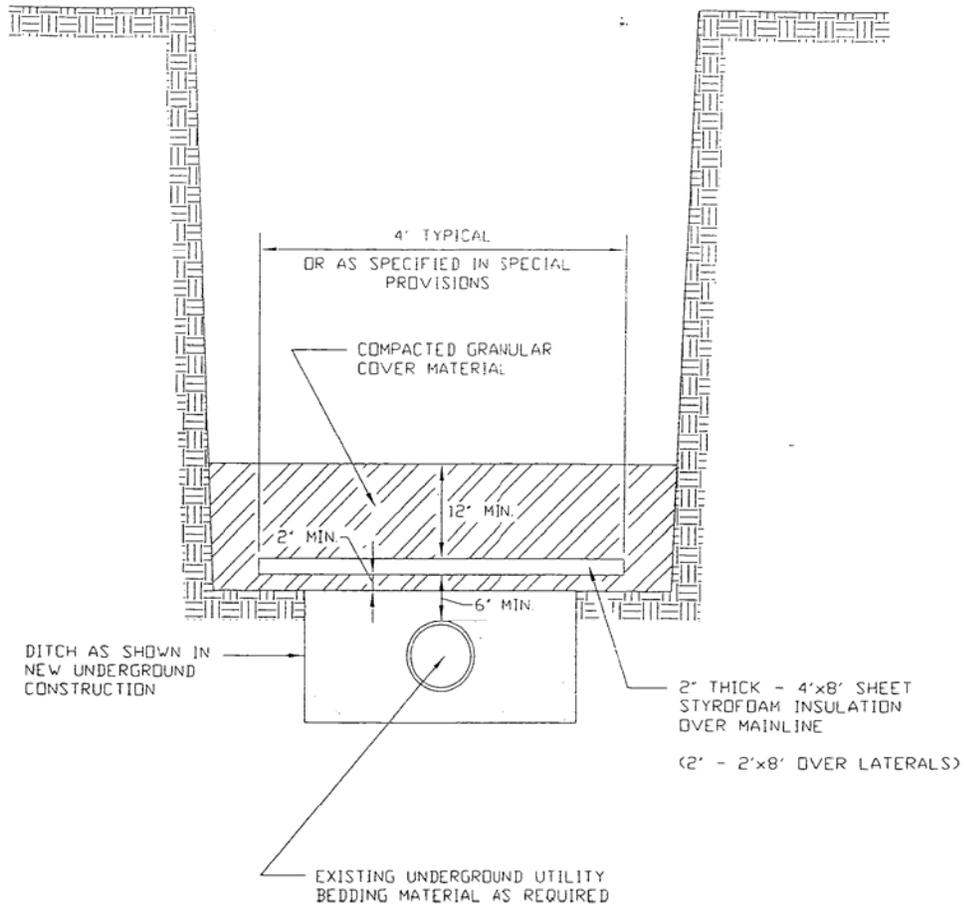
DATE: JANUARY 2000 DRAWING NO. 5 - 3

## STORM LATERAL CLEANOUT CONNECTION



- NOTES:
- 1.) THE TOP OF THE CLEANOUT RISER SHALL NOT EXTEND ABOVE EXISTING GROUND ELEVATION.
  - 2.) THE CONTRACTOR SHALL DRILL FOUR - 1 INCH DIAMETER HOLES WITHIN CLEANOUT RISER APPROXIMATELY 4 INCHES BELOW EXISTING GROUND ELEVATION.
  - 3.) THE CONTRACTOR SHALL REMOVE THE EXISTING SUMP PUMP DISCHARGE PIPE WITHIN THE STREET RIGHT-OF-WAY AND CONNECT EXISTING SUMP LINE.
  - 4.) THE CLEANOUT RISER SHALL BE ENCASED IN A 6 INCH SCH. 40 PVC FROST SLEEVE WITH A SCHIER C1-106-RS CAP.

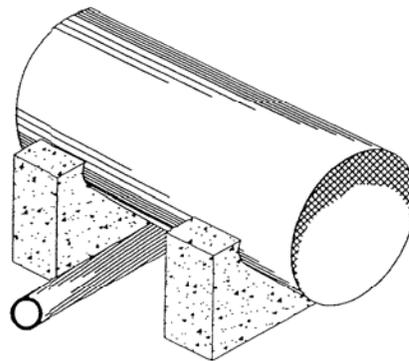
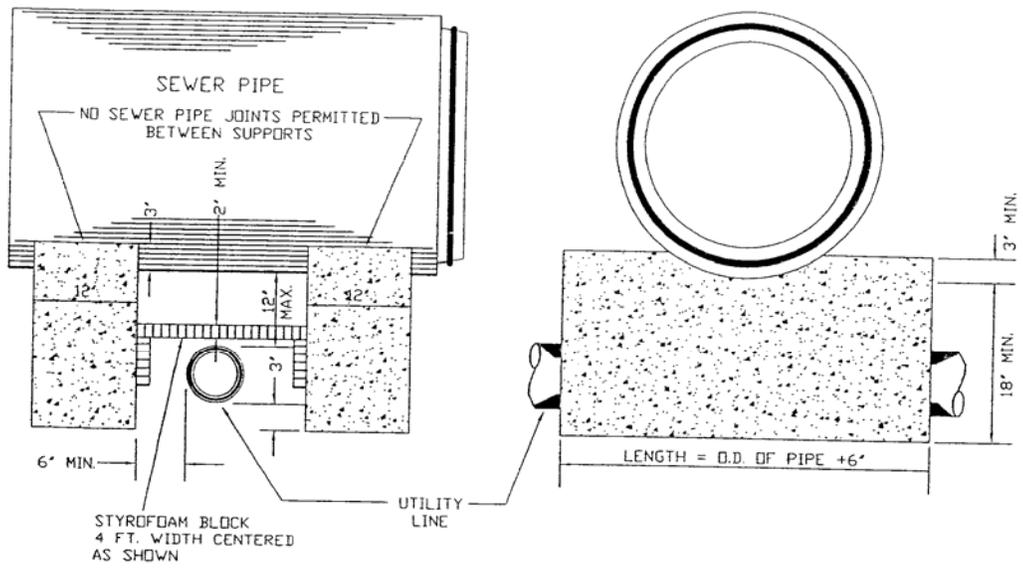
|                                   |                   |
|-----------------------------------|-------------------|
| <b>VILLAGE OF BELLEVILLE</b>      |                   |
| STORM LATERAL CLEANOUT CONNECTION |                   |
| DATE: JANUARY 2000                | DRAWING NO. 5 - 4 |



PIPE INSULATION DETAIL

NOTE: INSULATION STANDARDS SHALL BE AS FOLLOWS:  
 WATER MAIN: INSULATED AT DEPTHS LESS THAN 65 FEET  
 WATER MAIN SERVICES: INSULATE AT DEPTHS LESS THAN 65 FEET  
 SANITARY MAIN SERVICES: INSULATE AT DEPTHS LESS THAN 5.0 FEET

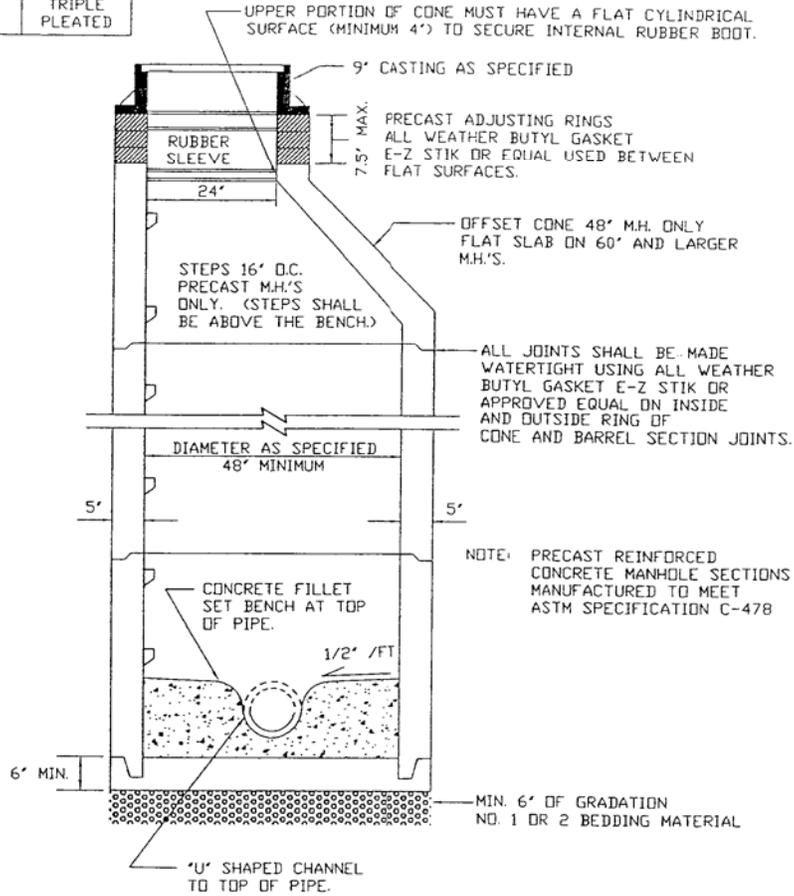
|                              |                    |
|------------------------------|--------------------|
| <b>VILLAGE OF BELLEVILLE</b> |                    |
| PIPE INSULATION DETAIL       |                    |
| DATE: Apr. 2005              | DRAWING NO.<br>5-5 |



EACH PAIR OF SUPPORTS IN ANY SIZE  
IS ONE PAY ITEM

|                              |                      |
|------------------------------|----------------------|
| VILLAGE OF BELLEVILLE        |                      |
| CONCRETE PIPE SUPPORT DETAIL |                      |
| DATE: SEPT. 1996             | DRAWING NO.<br>5 - 6 |

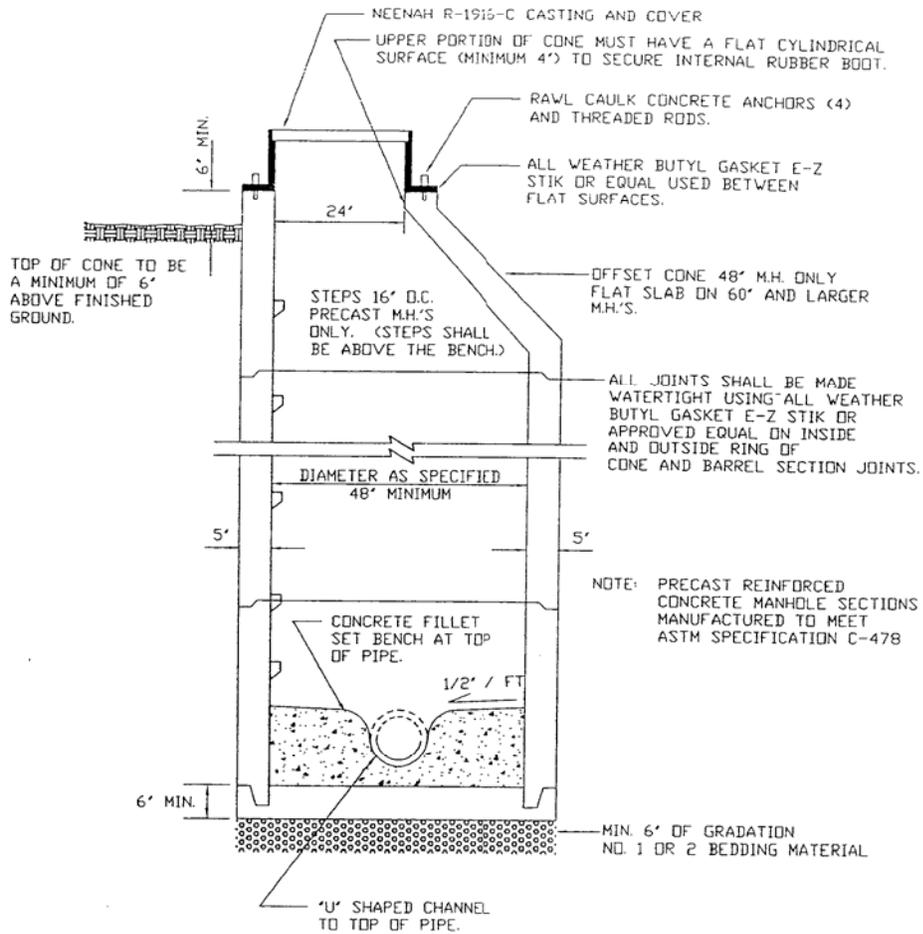
| ADJUSTING RING HEIGHT | CHIMNEY SEAL   |
|-----------------------|----------------|
| 0'-4.5'               | DOUBLE PLEATED |
| 4.5'-7.5'             | TRIPLE PLEATED |



STANDARD PRECAST MANHOLE DETAIL IN STREET LOCATIONS

NOTE: THE ENGINEER MAY ALSO APPROVE THE USE OF STREET LOCATION INSTALLATIONS IN OTHER LOCATIONS.

|                                                                          |                      |
|--------------------------------------------------------------------------|----------------------|
| <b>VILLAGE OF BELLEVILLE</b><br>SANITARY MANHOLES<br>IN STREET LOCATIONS |                      |
| DATE: JAN. 1999                                                          | DRAWING NO.<br>5 - 7 |

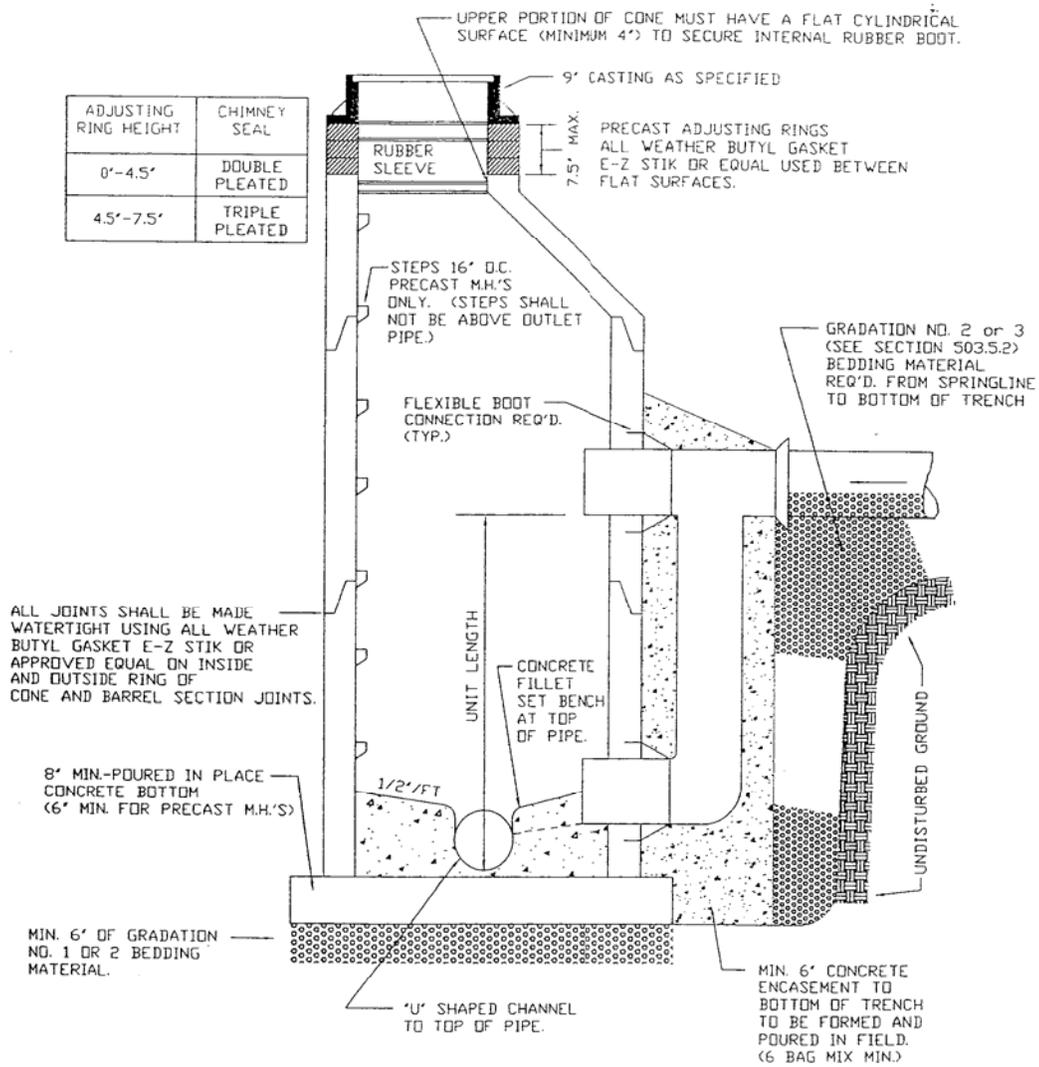


STANDARD PRECAST MANHOLE DETAIL IN REMOTE LOCATIONS

NOTE: THE ENGINEER MAY ALSO APPROVE THE USE OF REMOTE LOCATION INSTALLATIONS IN OTHER LOCATIONS.

|                                          |                      |
|------------------------------------------|----------------------|
| <b>VILLAGE OF BELLEVILLE</b>             |                      |
| SANITARY MANHOLES<br>IN REMOTE LOCATIONS |                      |
| DATE: JAN. 1999                          | DRAWING NO.<br>5 - 8 |

| ADJUSTING RING HEIGHT | CHIMNEY SEAL   |
|-----------------------|----------------|
| 0'-4.5'               | DOUBLE PLEATED |
| 4.5'-7.5'             | TRIPLE PLEATED |



NOTE: DROP PIPE AND FITTINGS SHALL BE SAME MATERIAL AND SIZE AS INCOMING SEWER.

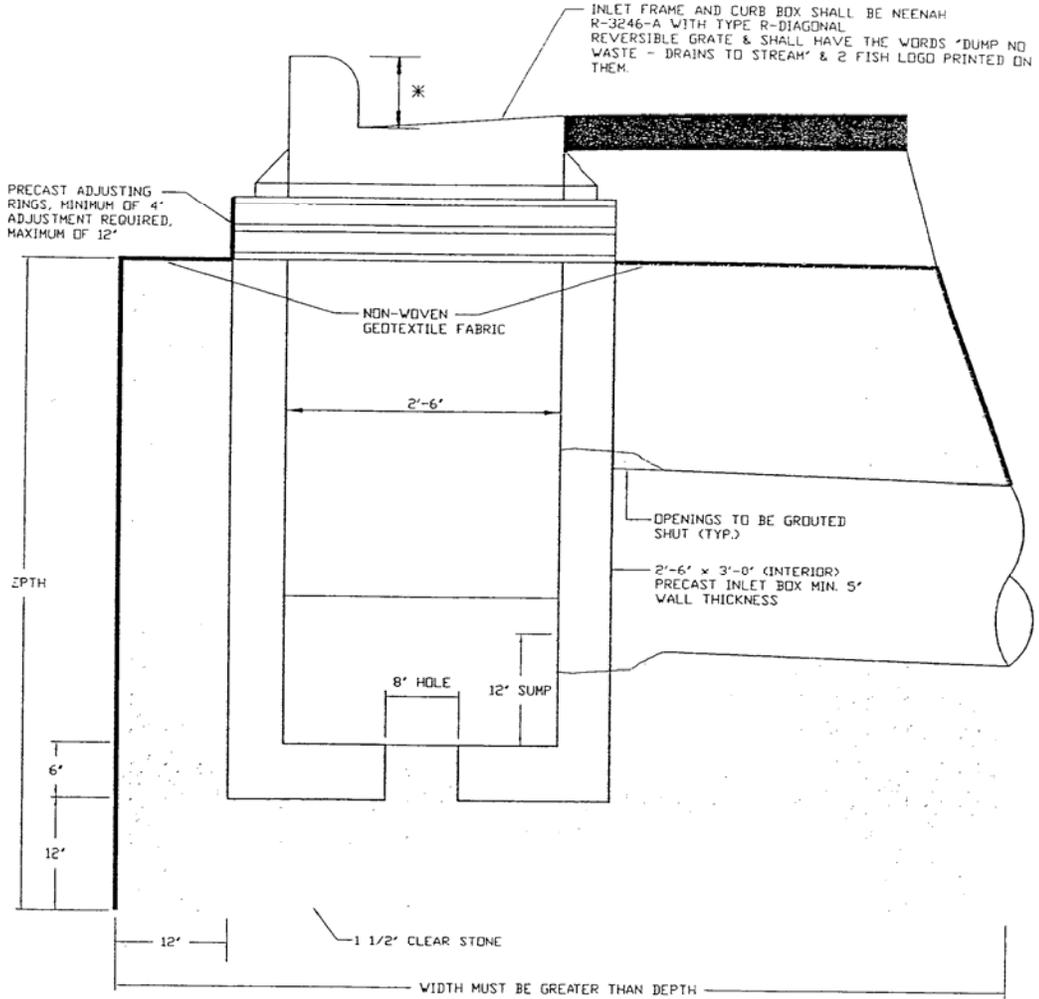
CONCRETE ENCASEMENT SHALL CURE FOR A MINIMUM OF 24 HOURS BEFORE TRENCH IS BACKFILLED.

VILLAGE OF BELLEVILLE  
OUTSIDE DROP TO SANITARY  
SEWER MANHOLE

DATE: FEB. 1998

DRAWING NO.  
5 - 9

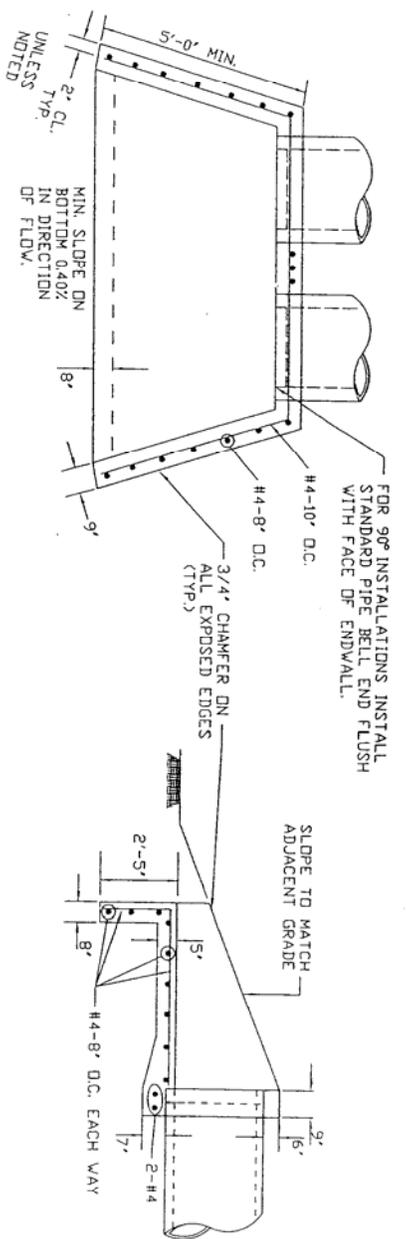
\* DEPRESSED INLET FLOWLINE  
0.70" BELOW NORMAL  
TOP OF CURB



NOTE: BACKFILL SHALL BE  
1 1/2" CLEAR STONE AS SHOWN

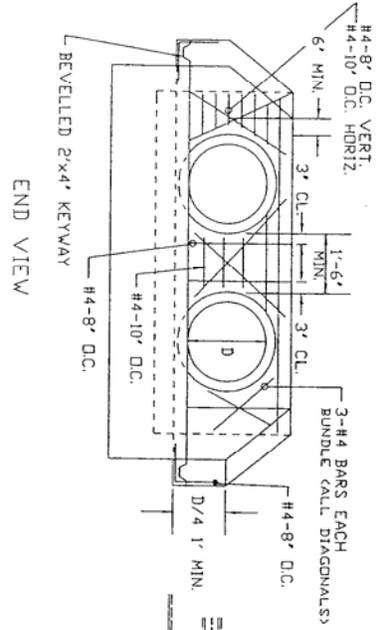
VILLAGE OF BELLEVILLE  
TYPICAL INLET DETAIL

|                 |                       |
|-----------------|-----------------------|
| DATE: FEB. 2005 | DRAWING NO.<br>5 - 10 |
|-----------------|-----------------------|

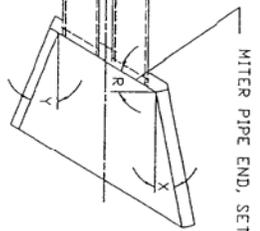


PLAN VIEW

SIDE VIEW



END VIEW



MITER PIPE END, SET 4' BEHIND FACE OF WALL

| R        | INLET |     | OUTLET   |     |
|----------|-------|-----|----------|-----|
|          | X     | Y   | R        | Y   |
| 0 - 7°   | 30"   | 30" | 0 - 15°  | 15" |
| 8 - 22°  | 25"   | "   | 16 - 45° | 10" |
| 23 - 37° | 20"   | "   | 46 - 75° | 5"  |
| 38 - 52° | 15"   | "   | over 75° | 0"  |
| 53 - 67° | 10"   | "   |          |     |
| 68 - 82° | 5"    | "   |          |     |
| over 82° | 0"    | "   |          |     |

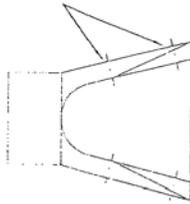
R = Number of degrees right or left hand forward.

WINGWALL ANGLE DETAILS

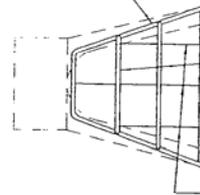
**VILLAGE OF BELLEVILLE**  
 STANDARD CONCRETE  
 MASONRY ENDWALLS

DATE: OCT. 1996  
 VIBR. NO. 5 - 11

SHOP DRILL FOUR 7/16" HOLES AS SHOWN



1" STD. PIPE FRAME

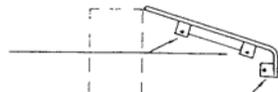


1" STD. PIPE  
ø 8" O.C.

3/4" Ø ROD ø 12"  
O.C. MAX - WELD  
ø EACH PIPE

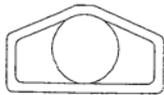


4"x4"x3/16" ANGLES  
(4 REQ'D)  
WELD TO FRAME  
PROVIDE 7/16" HOLE  
IN EACH ANGLE

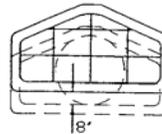


PROVIDE 2 ADDITIONAL  
CONNECTIONS WHEN PIPE  
IS 36' OR LARGER

1" STD. STEEL PIPE



NO SCALE



THE CONTRACTOR SHALL BOLT THE PIPE GATE TO THE CONCRETE ENDWALL WITH FOUR 3/8"x6" MACHINE BOLTS WITH NUTS ON INSIDE WALL.

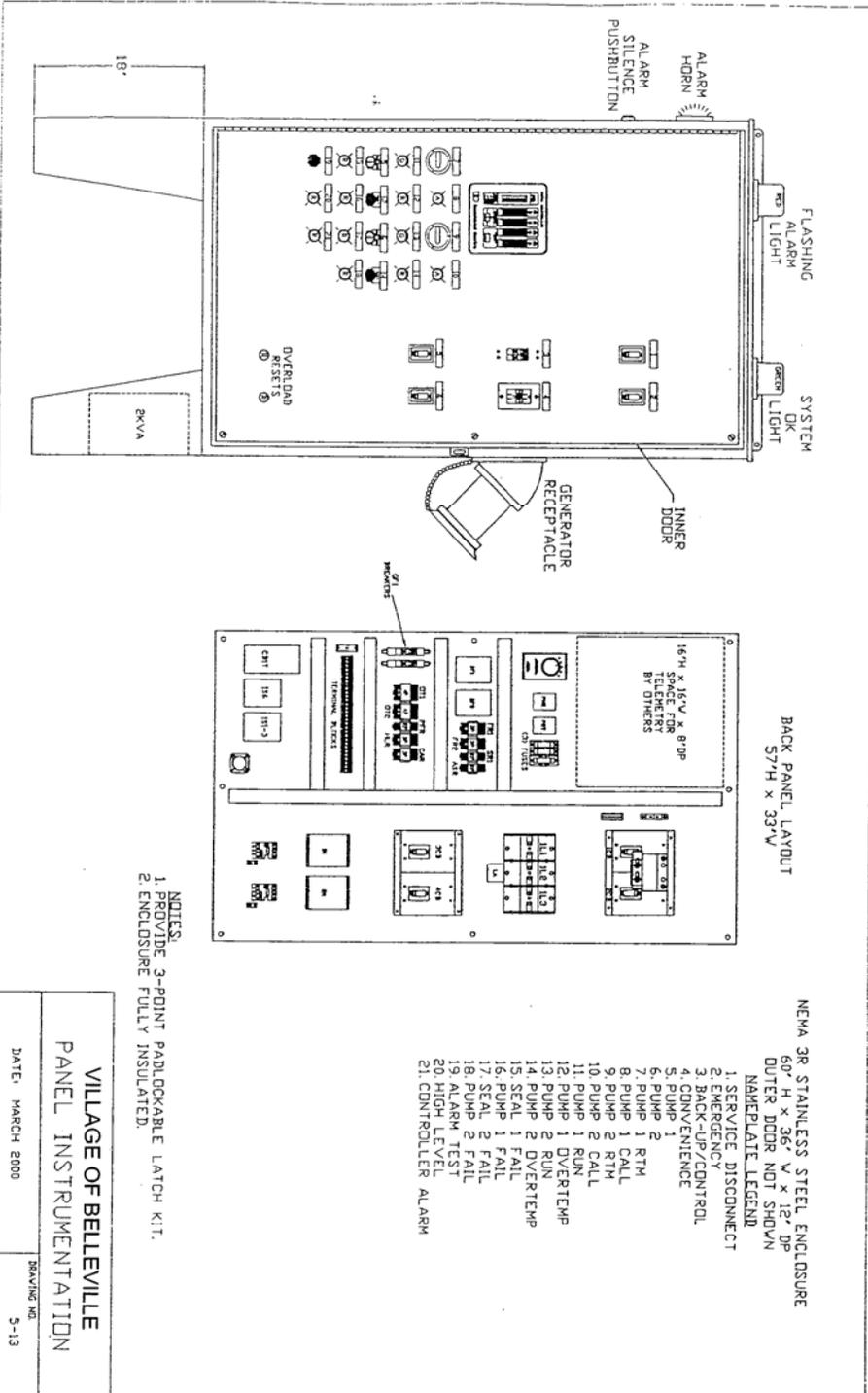
### PAINTING SPECIFICATIONS

THE PIPE GATE SHALL RECEIVE THE FOLLOWING PREPARATION & PAINTING. SEE NOTES:  
FIRST COAT-RUST-OLEUM X-60 RED BARE METAL PRIMER OR EQUAL. SECOND COAT-  
RUST-OLEUM 960 ZINC CHROMATE PRIMER OR EQUAL. THIRD COAT-RUST-OLEUM  
1282 HIGH GLOSS & METALIC FINISH OR EQUAL.

- NOTES:
1. BARE SURFACES - AFTER THROUGH SCRAPING, WIRE BRUSHING & CLEANING  
APPLY THE THREE COAT SYSTEM LISTED.
  2. EACH COAT AN OVERALL COAT.
  3. ALLOW 24-48 HOURS DRYING TIME BETWEEN COATS.

DRAWING INFORMATION PROVIDED BY  
CITY OF MADISON, WI ENGINEERING DEPT. - REV.2-28-91

|                                                                     |                      |
|---------------------------------------------------------------------|----------------------|
| <b>VILLAGE OF BELLEVILLE</b>                                        |                      |
| MADISON STANDARD PIPE GATE FOR<br>REINFORCED CONCRETE APRON ENDWALL |                      |
| DATE: MAY 1997                                                      | DRAWING NO<br>5 - 12 |



BACK PANEL LAYOUT  
57 1/4" x 33 1/4"

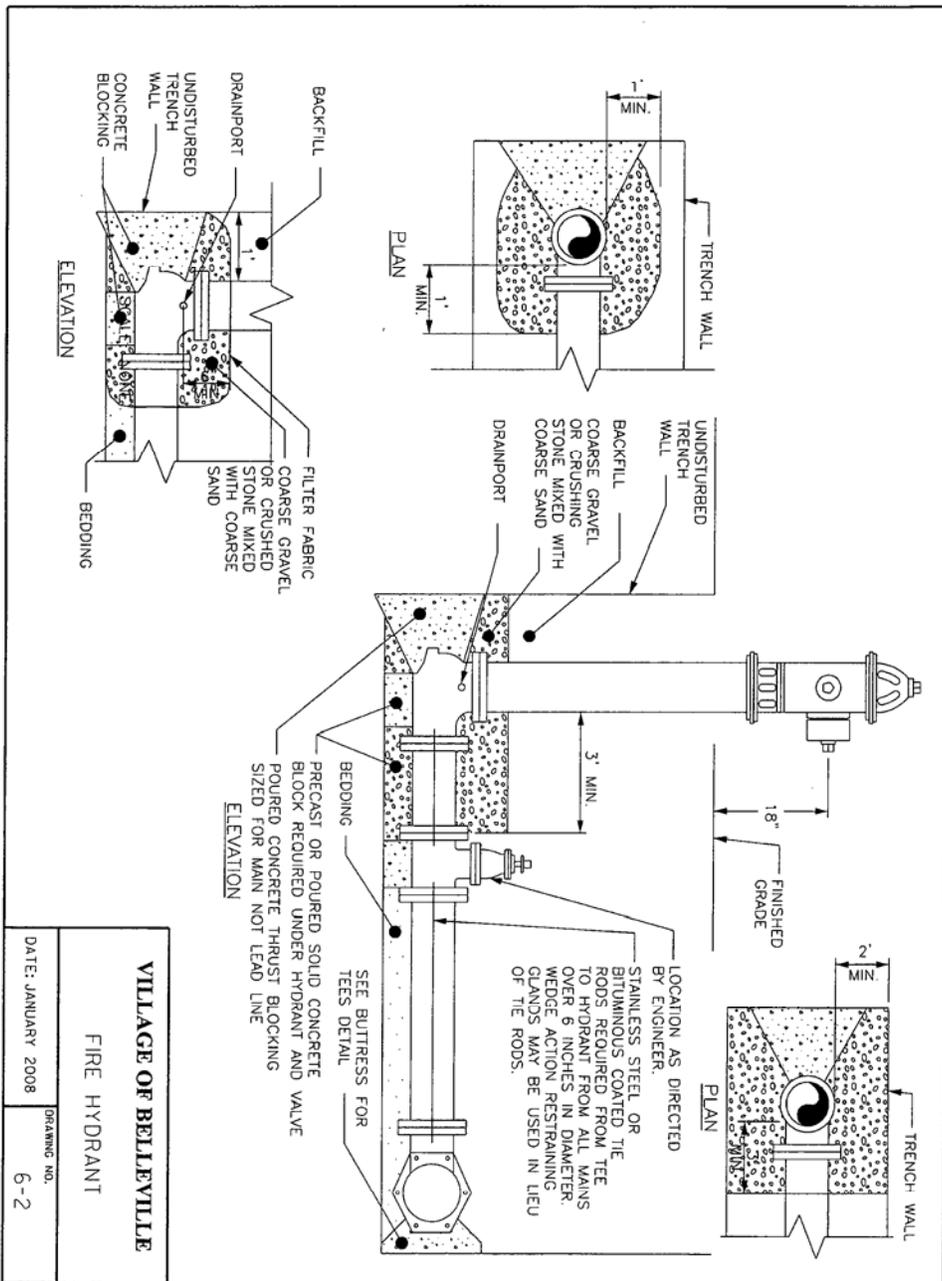
- NEMA 3R STAINLESS STEEL ENCLOSURE  
60" H x 36" W x 12" DP  
OUTER DOOR NOT SHOWN  
NAMEPLATE LEGEND
1. SERVICE DISCONNECT
  2. EMERGENCY
  3. BACK-UP/CONTROL
  4. CONVENIENCE
  5. PUMP 1
  6. PUMP 2
  7. PUMP 1 RTM
  8. PUMP 1 CALL
  9. PUMP 2 RTM
  10. PUMP 2 CALL
  11. PUMP 1 RUN
  12. PUMP 1 OVERTEMP
  13. PUMP 2 RUN
  14. PUMP 2 OVERTEMP
  15. SEAL 1 FAIL
  16. PUMP 1 FAIL
  17. SEAL 2 FAIL
  18. PUMP 2 FAIL
  19. ALARM TEST
  20. HIGH LEVEL
  21. CONTROLLER ALARM

- NOTES:
1. PROVIDE 3-POINT PADLOCKABLE LATCH KIT.
  2. ENCLOSURE FULLY INSULATED.

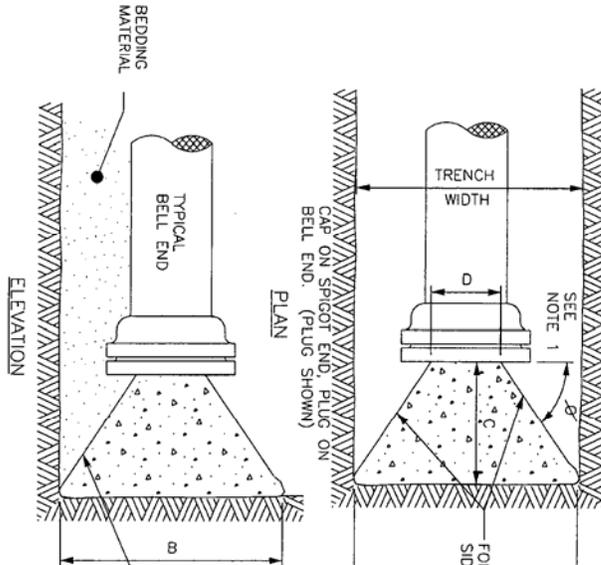
VILLAGE OF BELLEVILLE  
PANEL INSTRUMENTATION

DATE: MARCH 2000  
DRAWING NO: 5-13





**VILLAGE OF BELLEVILLE**  
**FIRE HYDRANT**  
 DATE: JANUARY 2008  
 PROGRAM NO. 6-2

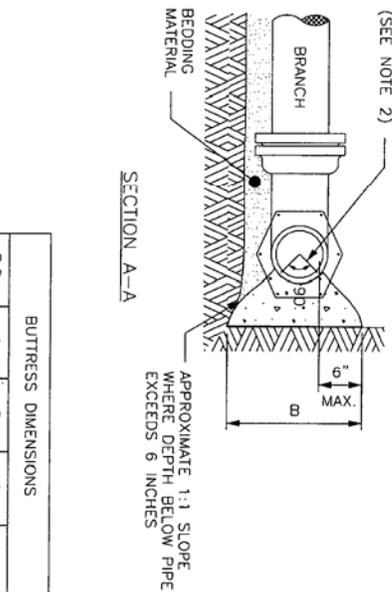
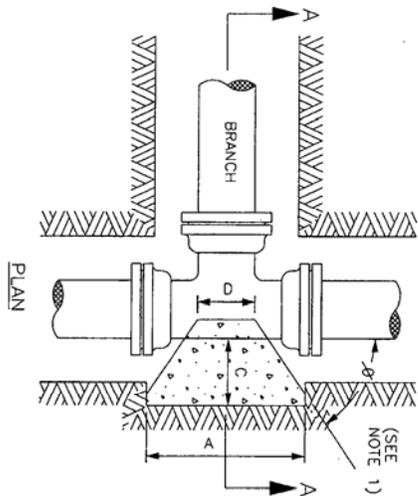


- NOTES:
1. DIMENSION 'C' SHOULD BE LARGE ENOUGH TO MAKE ANGLE  $\phi$  EQUAL TO OR LARGER THAN 45°.
  2. DIMENSION 'D' EQUALS APPROX. I.D. OF PIPE LESS 2 INCHES. THE CONCRETE SHOULD NOT INTERFERE WITH THE MECHANICAL JOINTS.
  3. WHERE BUTTRESSES ARE NOT POSSIBLE BECAUSE OF POOR SOIL CONDITIONS OR LACK OF ROOM, STRAPPING SHALL BE PERMITTED.
  4. BUTTRESS DIMENSIONS ARE BASED ON A SOIL RESISTANCE OF TWO TONS PER SQ. FT. AND A WATER PRESSURE OF 150 PSI. INFORM THE ENGINEER IF ON-SITE SOIL DOES NOT MEET THIS CONDITION OR PRESSURES EXCEED 150 PSI.
  5. BUTTRESS TO BE POURED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
  6. CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
  7. ALL BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.

APPROXIMATE 1:1 SLOPE WHERE DEPTH BELOW PIPE EXCEEDS 6 INCHES.

| BUTTRESS DIMENSIONS |       |        |                |
|---------------------|-------|--------|----------------|
| DIA.                | A     | B      | C              |
| 6"                  | 1'-6" | 1'-2"  |                |
| 8"                  | 2'-0" | 1'-4"  |                |
| 12"                 | 2'-5" | 1'-10" |                |
| 16"                 | 3'-4" | 2'-4"  |                |
| 20"                 | 4'-3" | 2'-10" |                |
| 24"                 | 5'-2" | 3'-4"  |                |
| 30"                 | 6'-9" | 4'-0"  |                |
|                     |       |        | SEE NOTE NO. 1 |
|                     |       |        | SEE NOTE NO. 2 |

**VILLAGE OF BELLEVILLE**  
**WATER PLUG BLOCKING**  
 DATE: JANUARY 2008  
 DRAWING NO. 6-3



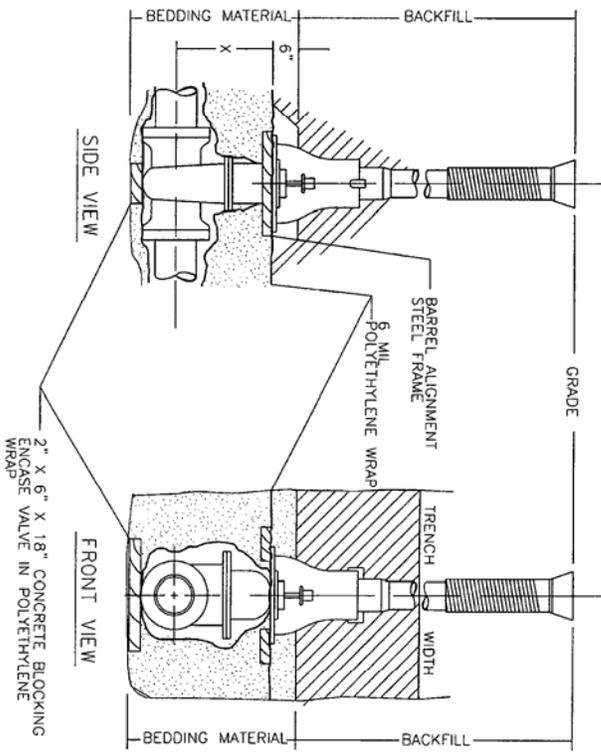
**BLOCKING FOR TEES DETAIL**  
SCALE: NONE

| BUTTRESS DIMENSIONS |        |       |   |   |
|---------------------|--------|-------|---|---|
| B.D.                | A      | B     | C | D |
| 6"                  | 1'-3"  | 1'-0" |   |   |
| 8"                  | 1'-6"  | 1'-4" |   |   |
| 10"                 | 1'-10" | 1'-8" | 1 |   |
| 12"                 | 2'-3"  | 2'-0" |   |   |
| 16"                 | 3'-2"  | 2'-6" |   |   |
| 20"                 | 4'-0"  | 3'-0" |   |   |
| 24"                 | 5'-3"  | 3'-4" |   |   |

B.D. = BRANCH DIAMETER

- NOTES:
1. DIMENSION 'C' SHOULD BE LARGE ENOUGH TO MAKE ANGLE  $\theta$  GREATER THAN OR EQUAL TO 45°.
  2. CONCRETE SHOULD BEAR ON THIS QUADRANT OF PIPE AT A MINIMUM.
  3. DIMENSION 'D' SHOULD BE AS LARGE AS POSSIBLE BUT CONCRETE SHOULD NOT INTERFERE WITH MECHANICAL JOINTS.
  4. BUTTRESS DIMENSIONS ARE BASED ON A SOIL RESISTANCE OF TWO TONS PER SQ. FT. AND A WATER PRESSURE OF 150 PSI. INFORM THE ENGINEER IF ON-SITE SOIL DOES NOT MEET THIS CONDITION OR PRESSURES EXCEED 150 PSI.
  5. BUTTRESS TO BE POURED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
  6. CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
  7. ALL BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.

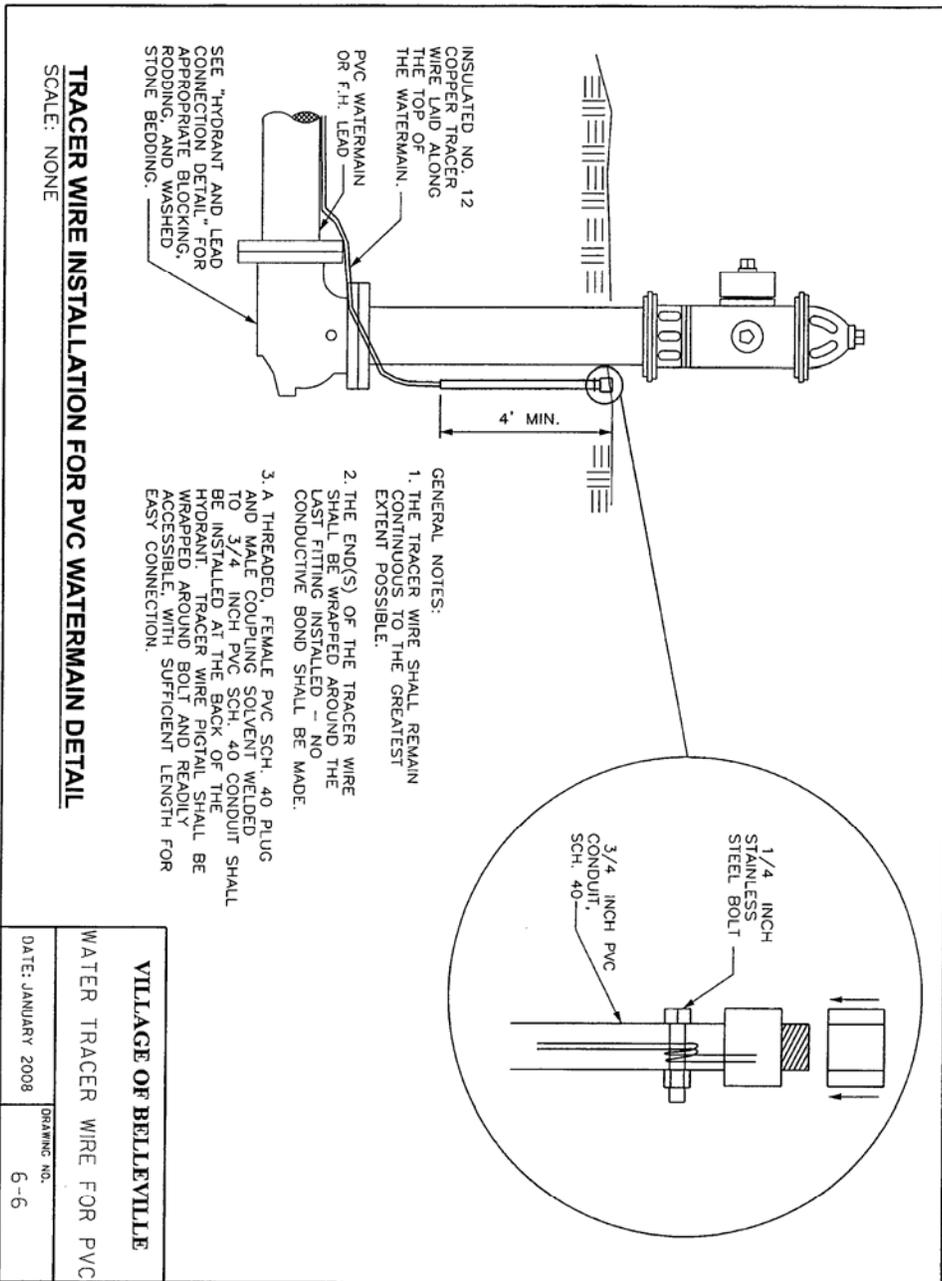
|                              |                 |
|------------------------------|-----------------|
| <b>VILLAGE OF BELLEVILLE</b> |                 |
| WATER TEE BLOCKING           |                 |
| DATE: JANUARY 2008           | DRAWING NO. 6-4 |



VALVE DETAIL  
SCALE: NONE

| PIPE DIA.<br>INCHES | X = SETTING<br>INCHES |
|---------------------|-----------------------|
| 2                   | 6                     |
| 3                   | 7                     |
| 4                   | 8                     |
| 6                   | 12                    |
| 8                   | 13                    |
| 12                  | 21                    |
| 16                  | 30                    |

**VILLAGE OF BELLEVILLE**  
**WATER VALVE BOX**  
 DATE: JANUARY 2008  
 DRAWING NO.  
 6-5



INSULATED NO. 12  
COPPER TRACER  
WIRE LAID ALONG  
THE TOP OF  
THE WATERMAIN.

PVC WATERMAIN  
OR F.H. LEAD

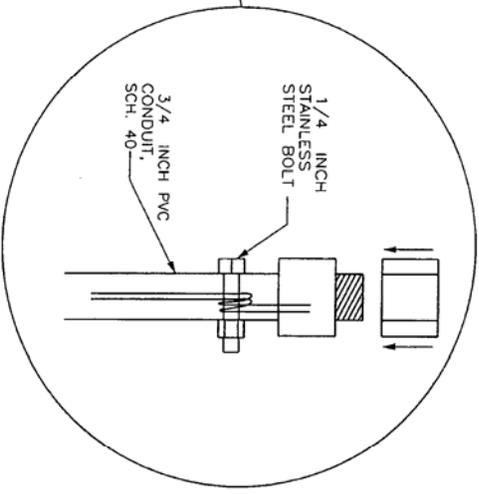
SEE "HYDRANT AND LEAD  
CONNECTION DETAIL" FOR  
APPROPRIATE BLOCKING,  
RODDING, AND WASHED  
STONE BEDDING.

4' MIN.

GENERAL NOTES:  
1. THE TRACER WIRE SHALL REMAIN  
CONTINUOUS TO THE GREATEST  
EXTENT POSSIBLE.

2. THE END(S) OF THE TRACER WIRE  
SHALL BE WRAPPED AROUND THE  
LAST FITTING INSTALLED -- NO  
CONDUCTIVE BOND SHALL BE MADE.

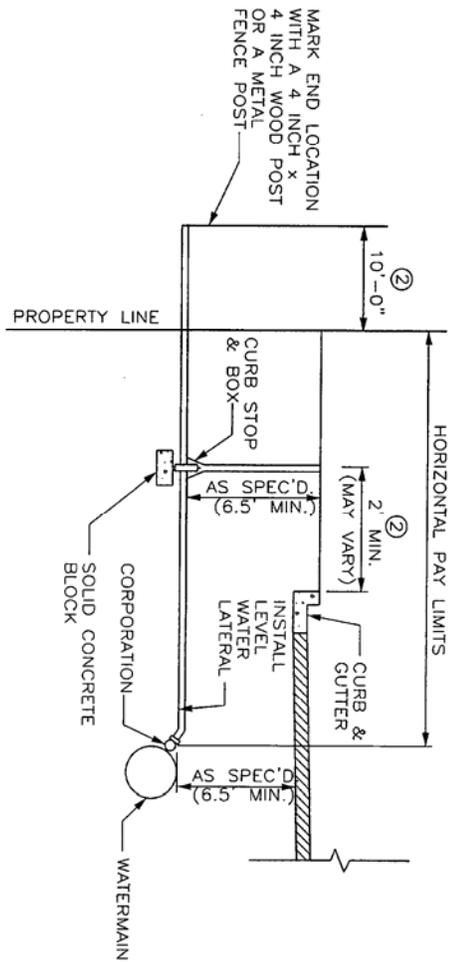
3. A THREADED, FEMALE PVC SCH. 40 PLUG  
AND MALE COUPLING SOLVENT WELDED  
TO 3/4 INCH PVC SCH. 40 CONDUIT SHALL  
BE INSTALLED AT THE BACK OF THE  
HYDRANT. TRACER WIRE DIGITAL SHALL BE  
WRAPPED AROUND BOLT AND READILY  
ACCESSIBLE, WITH SUFFICIENT LENGTH FOR  
EASY CONNECTION.



**TRACER WIRE INSTALLATION FOR PVC WATERMAIN DETAIL**

SCALE: NONE

|                              |                    |
|------------------------------|--------------------|
| <b>VILLAGE OF BELLEVILLE</b> |                    |
| WATER TRACER WIRE FOR PVC    |                    |
| DATE: JANUARY 2008           | DRAWING NO.<br>6-6 |



- GENERAL NOTES:
1. SEE PLANS AND SPECIFICATIONS FOR SIZE AND TYPE OF CURB STOP AND BOX CORPORATION AND SERVICE LINE.
  2. COMMUNITY STANDARDS SHALL SUPERSEDE THE DIMENSIONS FROM THE PROPERTY LINE.

**WATER SERVICE DETAIL**

SCALE: NONE

|                              |                    |
|------------------------------|--------------------|
| <b>VILLAGE OF BELLEVILLE</b> |                    |
| WATER SERVICE LATERAL        |                    |
| DATE: JANUARY 2008           | DRAWING NO.<br>6-7 |