

CITY OF NEW HOPE STANDARD DETAIL PLATES



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LAST REVISION: DEC. 2021

CITY OF NEW HOPE, MN

PLATE NO. IND-1

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PLATE NO.

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CITY OF NEW HOPE, MN

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CITY OF NEW HOPE, MN

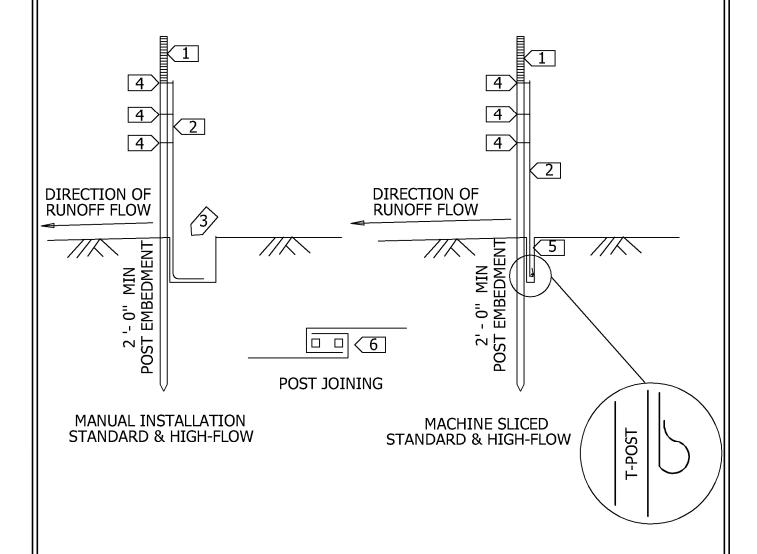
LAST REVISION: DEC. 2021

PLATE NO.

IND-3

KEY NOTES:

- 1. T-post length, 5 ft. min. at 6' max. spacing.
- Geotextile shall meet MnDOT Spec. 3886.
- 3. 6" x 6" fabric anchorage trench and backfill with tamped natural soil.
- 4. Plastic zip ties (3 minimum w/ 50lb tensile) located on top 8".
- 5. Machine slice 8"- 12" depth (plus 6" flap).
- Silt fence to wrap around post at least 180°.





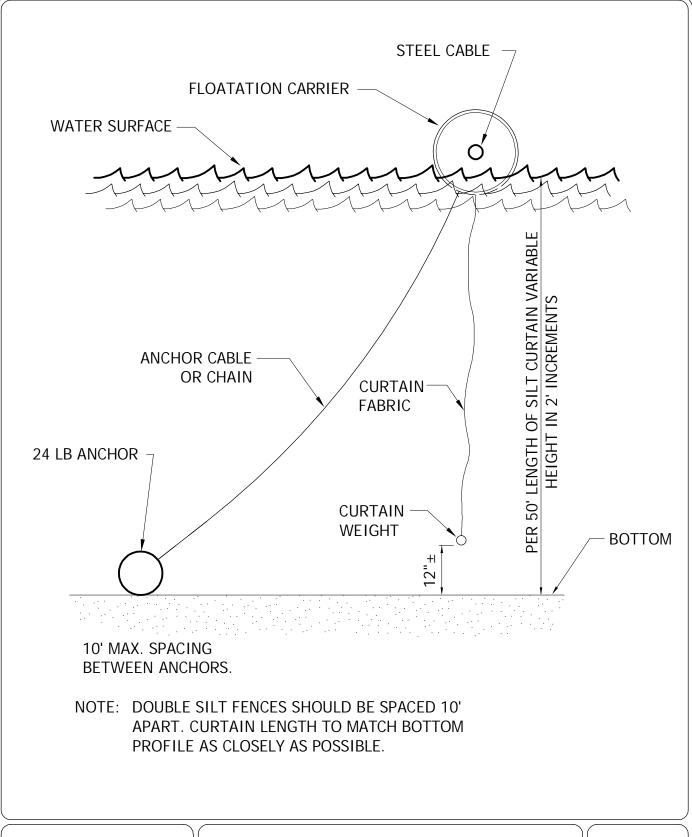
SILT FENCE INSTALLATION

CITY OF NEW HOPE, MN

LAST REVISION: AUG 2017

PLATE NO.

ERO-1





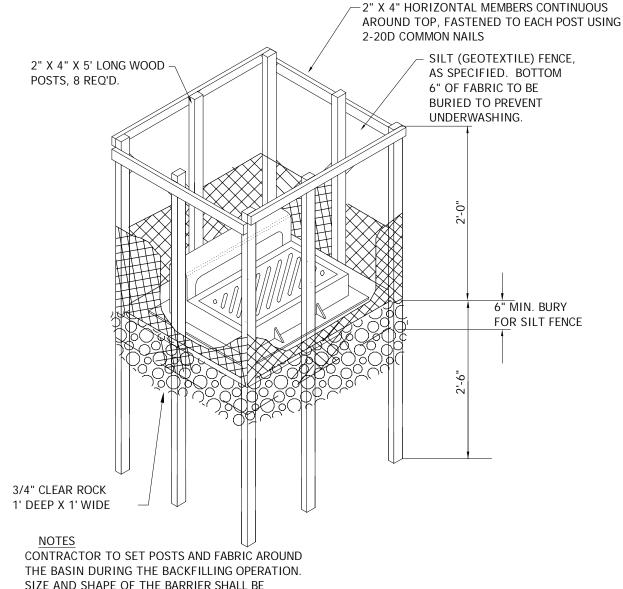
FLOATING SILT FENCE

CITY OF NEW HOPE, MN

LAST REVISION: Feb. 2013

PLATE NO. ERO-3

WOODEN LATH SHALL BE NAILED SECURELY TO THE POST MEMBER TO SECURE FILTER FABRIC.



CONTRACTOR TO SET POSTS AND FABRIC AROUND THE BASIN DURING THE BACKFILLING OPERATION. SIZE AND SHAPE OF THE BARRIER SHALL BE MODIFIED TO FIT STRUCTURE. SILT FENCE TO BE PLACED AROUND ENTIRE PERIMETER. TOP OF SILT FENCE TO HAVE 12" MIN. CLEARENCE TO EXISTING GRADE.

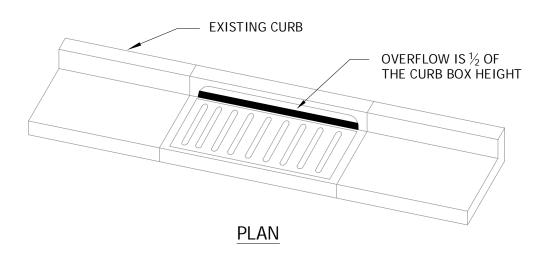


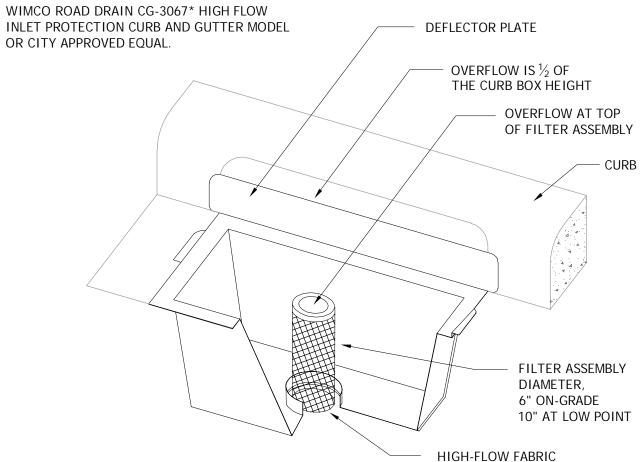
EROSION CONTROL AROUND CATCH BASIN

CITY OF NEW HOPE, MN

LAST REVISION: Jan. 2005

PLATE NO. ERO-4A





* FOR THE NEW R-3290-VB STANDARD CASTING, INSTALL WIMCO ROAD DRAIN CG-3290 OR CITY APPROVED EQUAL.

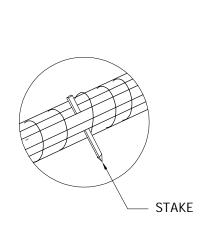


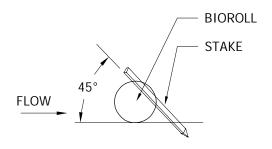
INLET PROTECTION CATCH BASIN INSERT AFTER PAVING

CITY OF NEW HOPE, MN

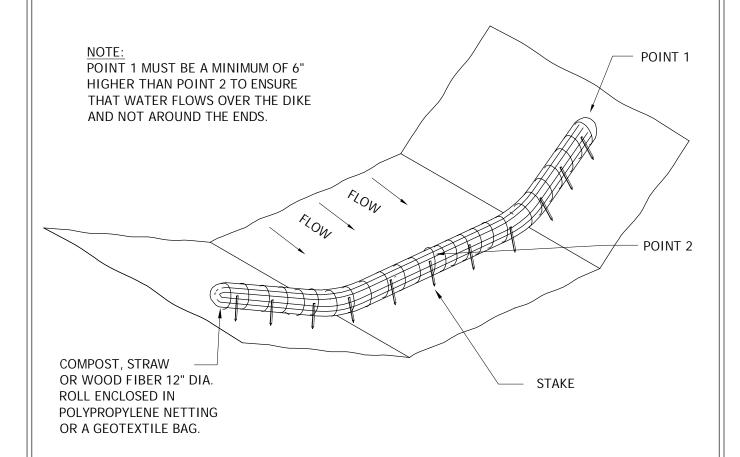
LAST REVISION: Jan. 2005

PLATE NO. ERO-4C





2" x 2" x 16" LONG WOODEN STAKES AT 1'-0" SPACING MINIMUM. STAKES SHALL BE DRIVEN THROUGH THE BACK HALF OF THE COMPOST LOG AT AN ANGLE OF 45° WITH THE TOP OF THE STAKE POINTING UPSTREAM.



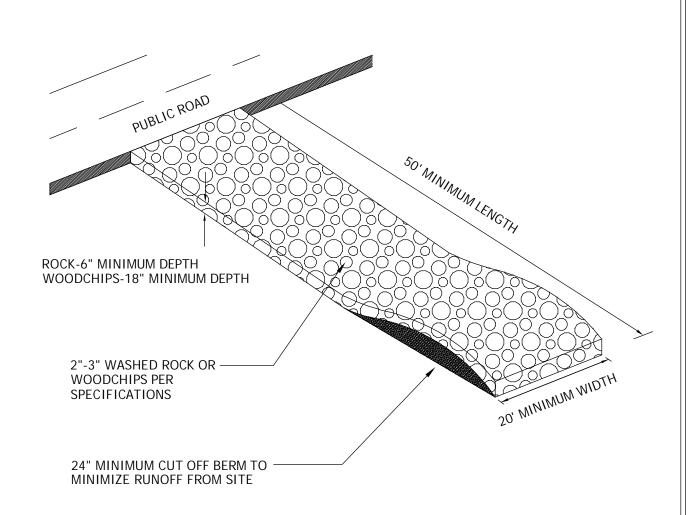


BIOLOG DITCH CHECK

CITY OF NEW HOPE, MN

LAST REVISION: March 2008

PLATE NO. ERO-5E



- FILTER FABRIC SHALL BE PLACED UNDER ROCK TO STOP MUD MIGRATION THROUGH ROCK.
 FILTER FABRIC IS NOT REQUIRED UNDER WOODCHIPS.
- 80% OF WOODCHIPS USED FOR CONSTRUCTION ENTRANCES MUST BE BETWEEN 2 INCHES AND 5 INCHES. NO CHIPPED-UP MANUFACTURED WOOD AND/OR CHEMICALLY TREATED WOOD IS ALLOWED.
- 3. ENTRANCE MUST BE MAINTAINED REGULARLY TO PREVENT SEDIMENTATION ON PUBLIC ROADWAYS. FUGITIVE ROCK OR WOODCHIPS WILL BE REMOVED FROM ADJACENT ROADWAYS DAILY OR MORE FREQUENTLY AS NECESSARY.

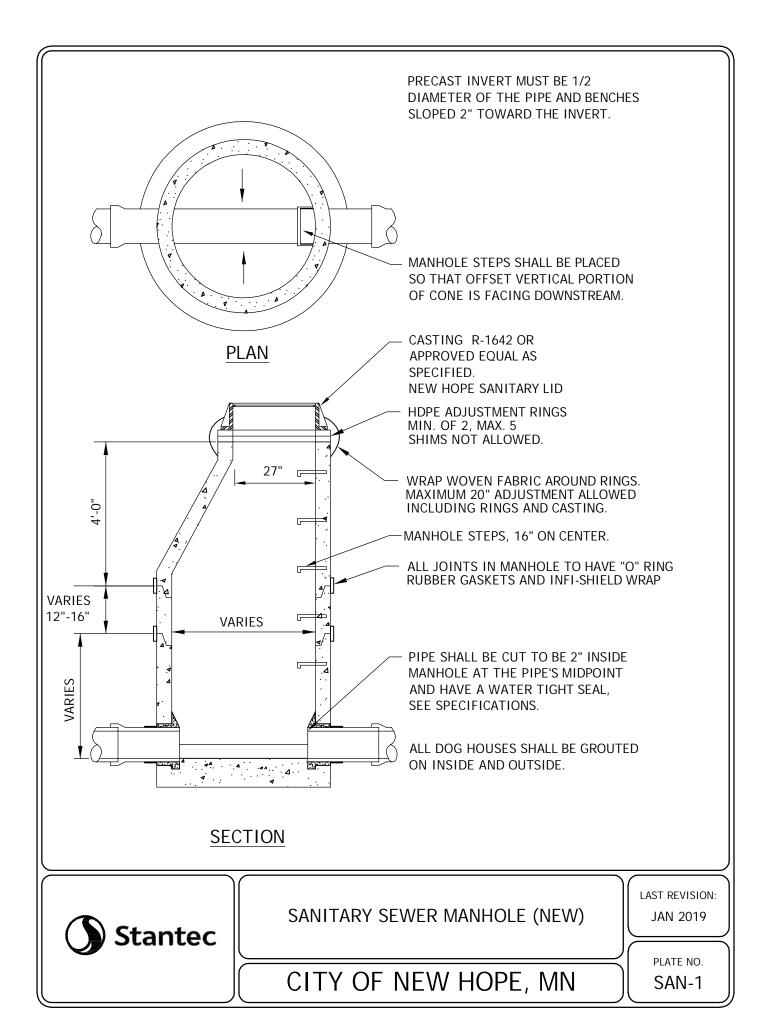


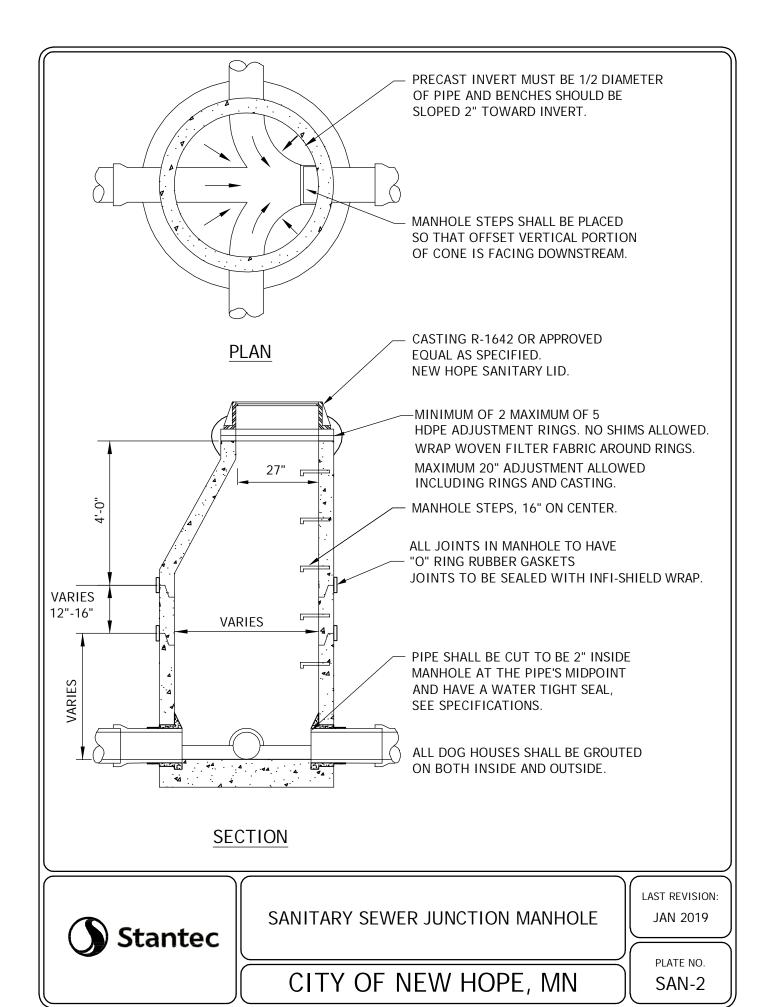
ROCK CONSTRUCTION ENTRANCE

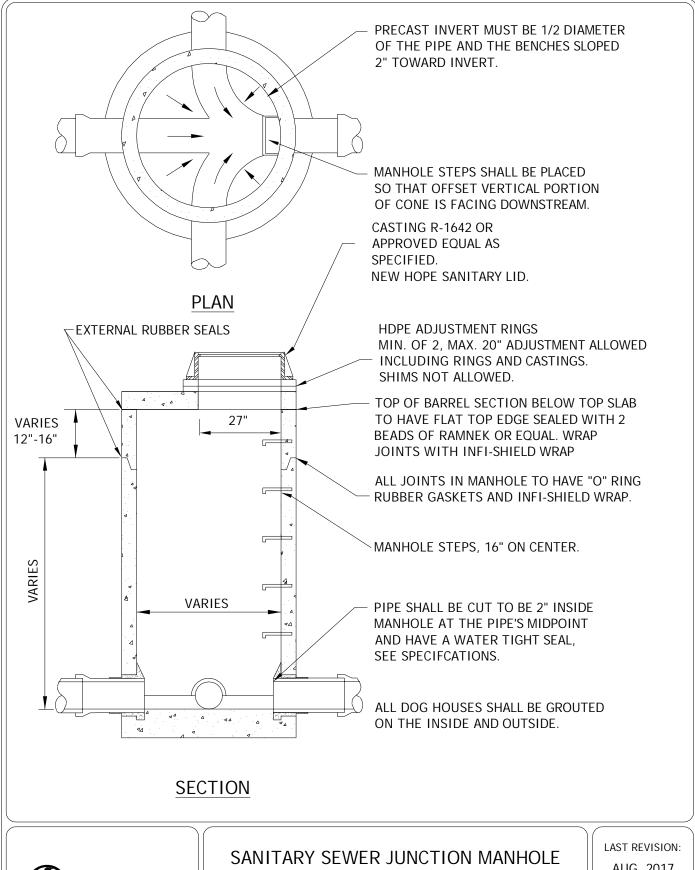
LAST REVISION: Jan 2015

CITY OF NEW HOPE, MN

PLATE NO. ERO-7







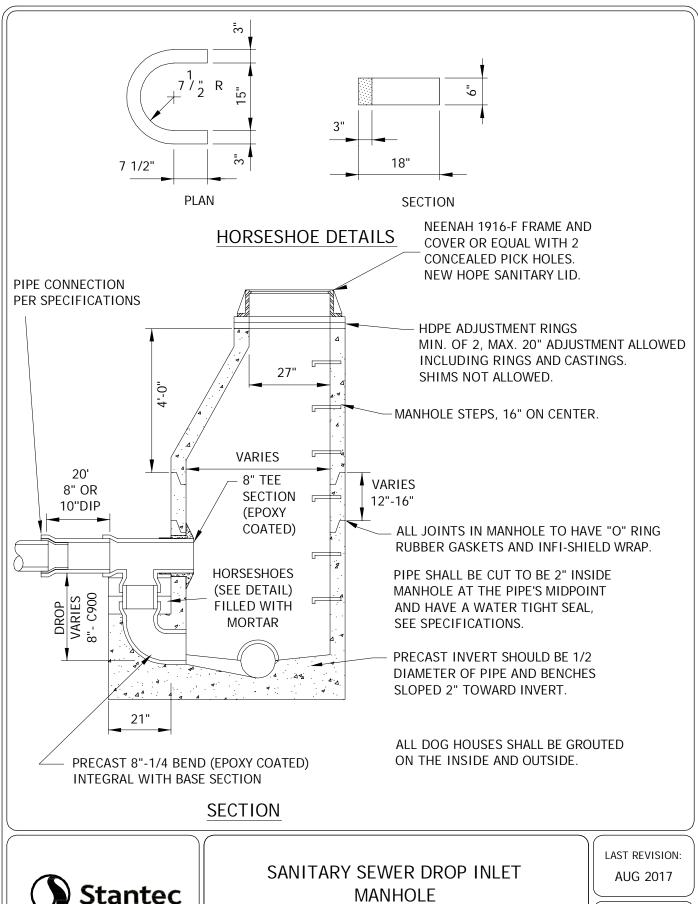


WITH REINFORCED TOP SLAB

CITY OF NEW HOPE, MN

AUG. 2017

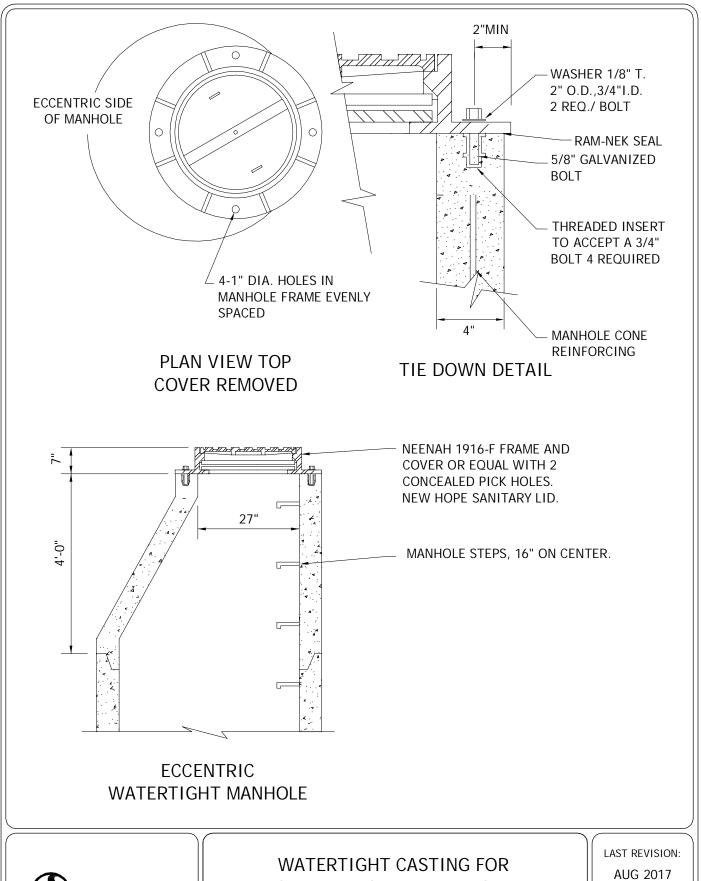
PLATE NO. SAN-3





CITY OF NEW HOPE, MN

PLATE NO. SAN-4





SANITARY SEWER MANHOLE

CITY OF NEW HOPE, MN

PLATE NO. SAN-5

NOTE: PIPE SHALL BE CENTERED UNDER INSULATION UNLESS OTHERWISE SPECIFIED. ENGINEER MAY REQUIRE INSULATION AT OTHER LOCATIONS.

COVER OVER PIPE - a	WIDTH OF INSULATING BOARD - b
2'	11'
3'	9'
4'	7'
5'	5'
6'	3'

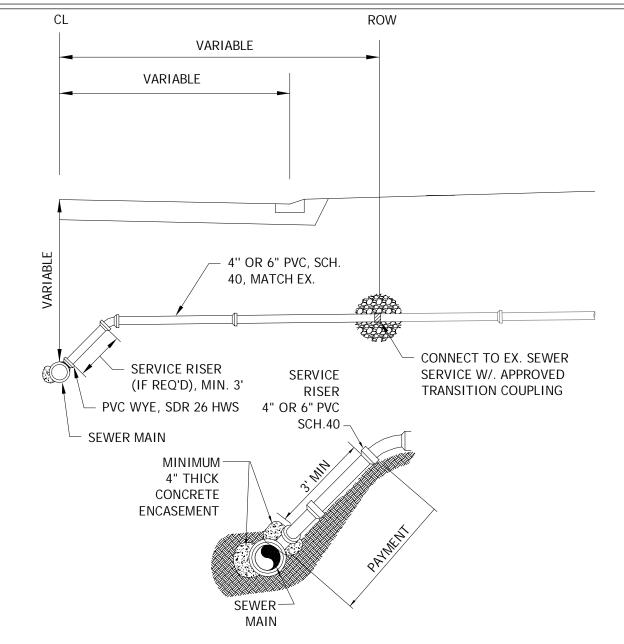


INSULATION DETAIL

CITY OF NEW HOPE, MN

LAST REVISION: JAN 2013

PLATE NO. SAN-6



- SEWER SERVICE PIPE SHALL MATCH EXISTING SERVICE SIZE.
- 2. PIPE SHALL BE SCHEDULE 40 PVC.
- SLOPE 1/4" PER FOOT MINIMUM. MATCH SLOPE OF EXISTING SERVICE WHERE POSSIBLE.
- 4. ALL PIPE SHALL BE BEDDED IN GRANULAR BORROW 3149.2B1.
- 5. IF RISER REQUIRED, MINUMUM OF 3' LONG AND PLACEMENT OF 4" THICK CONCRETE ENCASEMENT AT RISER/WYE CONNECTION IS CONSIDERED INCIDENTAL TO THE PAYMENT OF RISER LENGTH.
- 6. FERNCO CONNECTION TO EXISTING SANITARY SERVICE PIPE SHALL BE ENCASED WITH CLEAR ROCK 1' BELOW AND ABOVE CONNECTION.

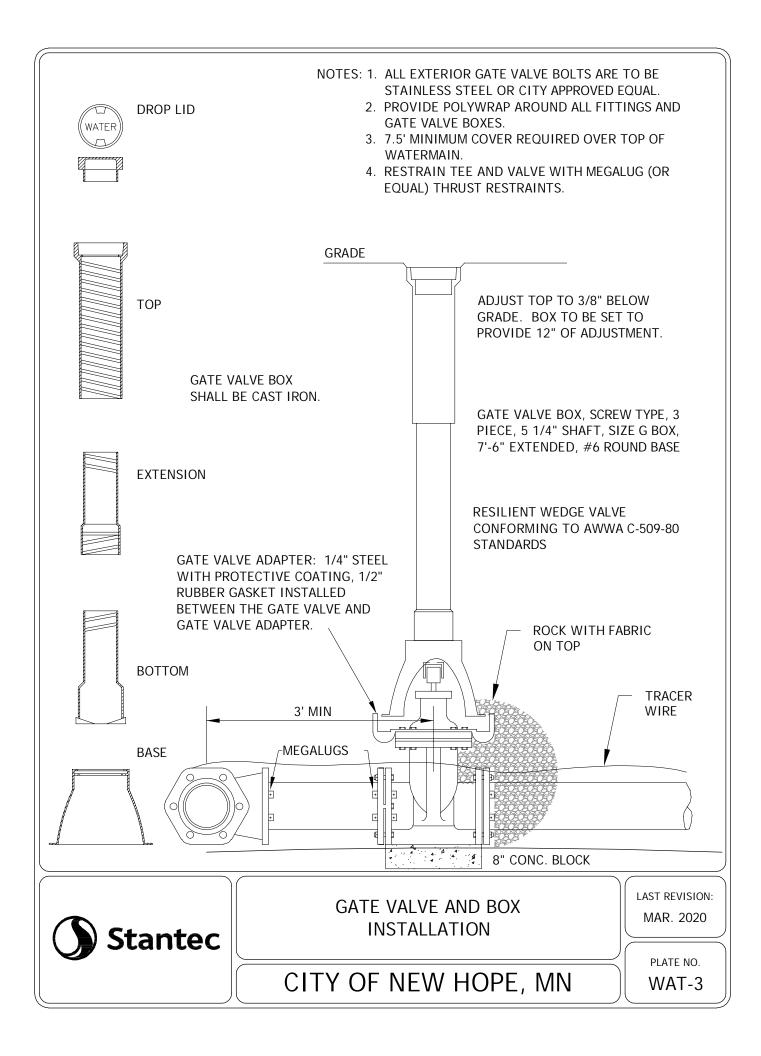


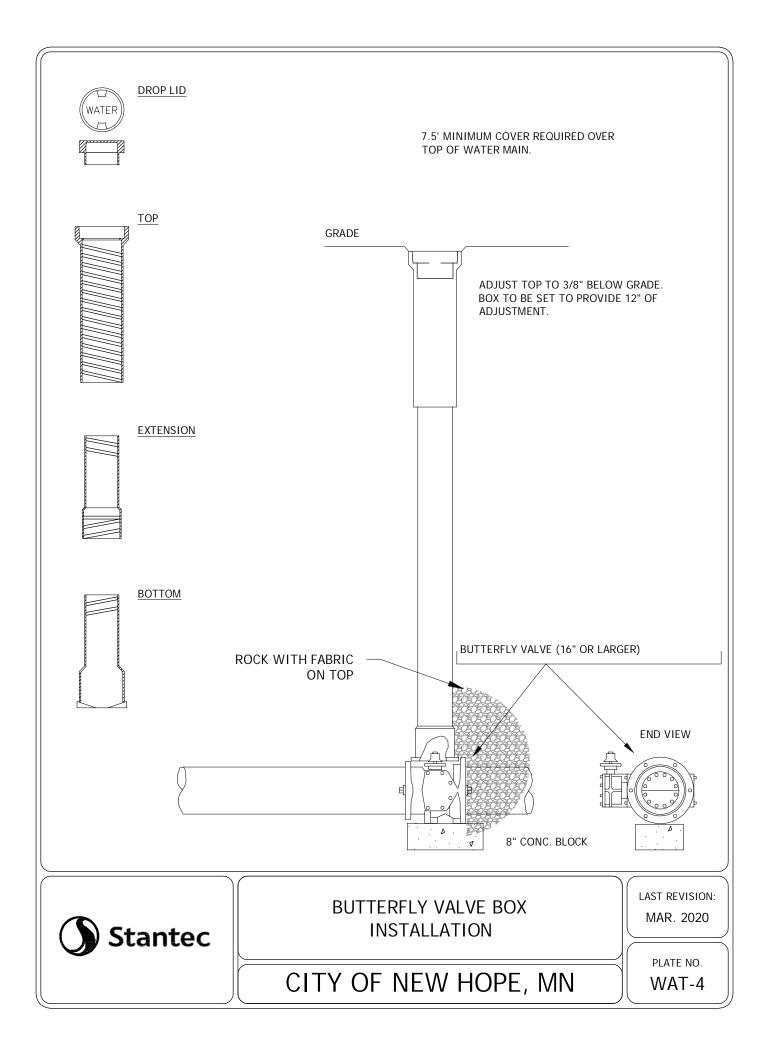
SEWER SERVICE CONNECTION

LAST REVISION: SEPT 2017

CITY OF NEW HOPE, MN

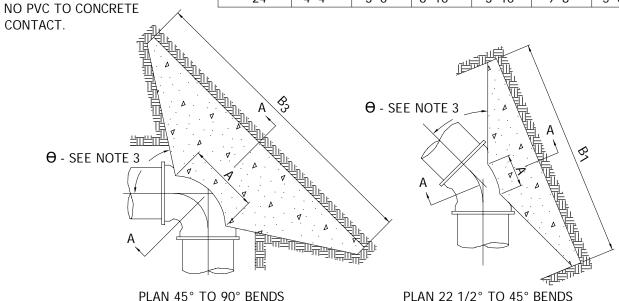
PLATE NO. SAN-8

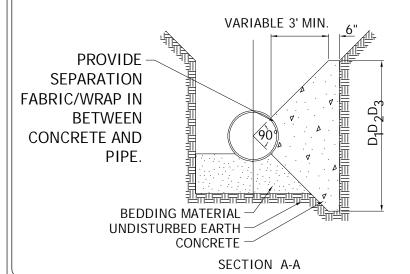


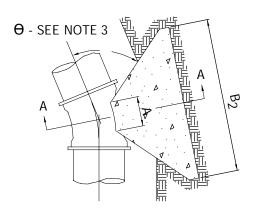


- SHAPE OF BACK OF BUTTRESS MAY VARY AS LONG AS POURED AGAINST FIRM UNDISTURBED EARTH.
- 2. DIMENSION 'A' SHOULD BE AS LARGE AS POSSIBLE.
- 3. $\Theta = 45^{\circ} MINIMUM$
- 4. PROVIDE POLYETHYLENE WRAP AROUND ALL FITTINGS.
- ALL BENDS AND FITTINGS SHALL BE RESTRAINED WITH MEGALUG THRUST RESTRAINTS OR EQUAL.

BUTTRESS DIMENSIONS						
PIPE	22 1/2° BEND		45° BEND		90° BEND/TEE	
SIZE	В1	D ₁	В2	D ₂	Вз	D3
6"	1'-5"	1'-5"	1'-5"	1'-5"	2'-1"	1'-6"
8"	1'-5"	1'-5"	2'-1"	1'-6"	2'-8"	2'-0"
12"	1'-10"	1'-10"	3'-4"	2'-0"	4'-9"	2'-6"
16'	3'-0"	2'-0"	3'-10"	3'-0"	6'-2"	3'-6"
20"	3'-6"	2'-8"	5'-6'	3'-4"	8'-4"	4'-0"
24"	4'-4"	3'-0"	6'-10"	3'-10"	9'-8"	5'-0"







PLAN 0° TO 22 1/2° BENDS

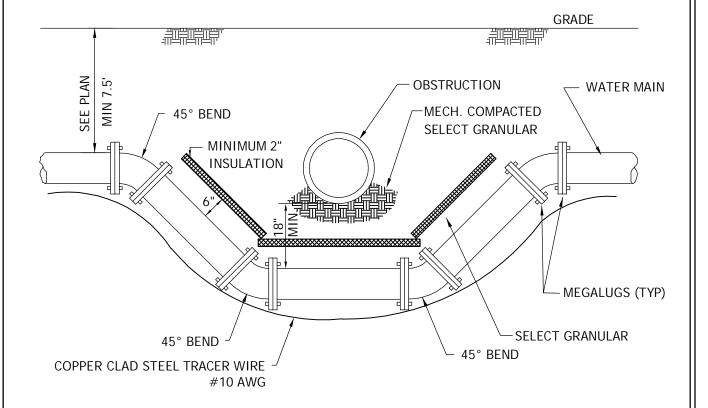


CONCRETE THRUST BLOCKING

CITY OF NEW HOPE, MN

NOV 2014

PLATE NO. WAT-6



- ALL FITTINGS SHALL BE FUSION BONDED EPOXY COATED DUCTILE IRON TO MEET OR EXCEED ANSI/AWWA C550 AND C116/A21.116 REQUIREMENTS.
- 2. MEGALUGS WILL NOT BE ALLOWED ON ANY CIP WATER MAIN.
- 3. SELECT GRANULAR WILL BE REQUIRED BETWEEN INSULATION, WATER MAIN, AND OBSTRUCTION.
- 4. ALL BENDS SHALL HAVE MEGALUGS WITH BLOCKING AND POLY-WRAP.
- 5. ALL WATERMAIN BOLTS SHALL BE COR-BLUE.
- 6. TRACER WIRE SHALL BE TAPED TO BOTTOM OF WATERMAIN PIPE EVERY 20'.

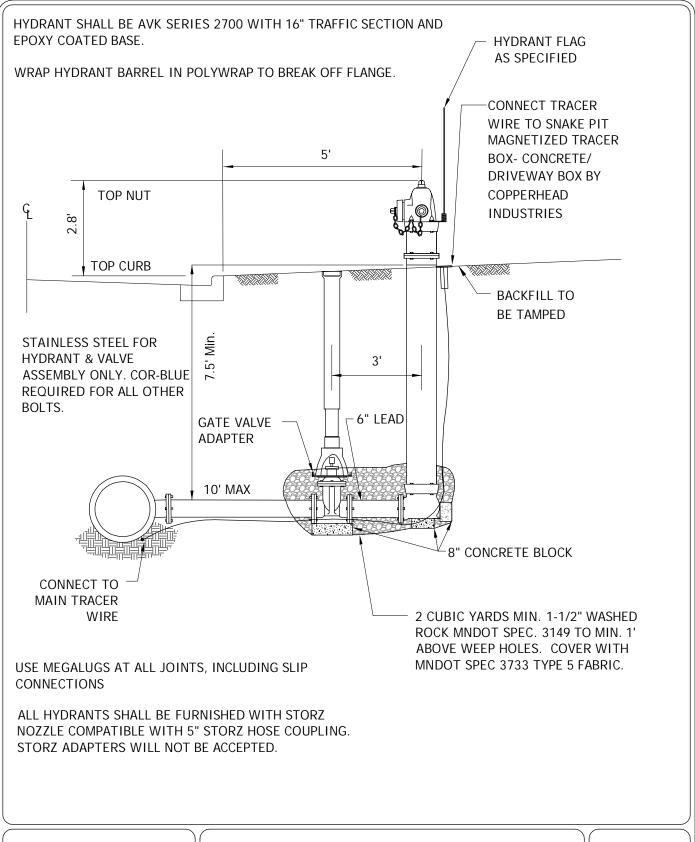


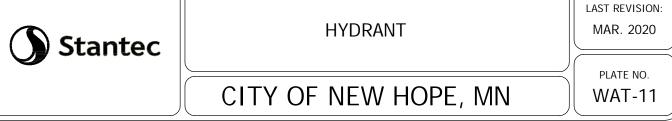
WATER MAIN OFFSET W/ MEGALUGS

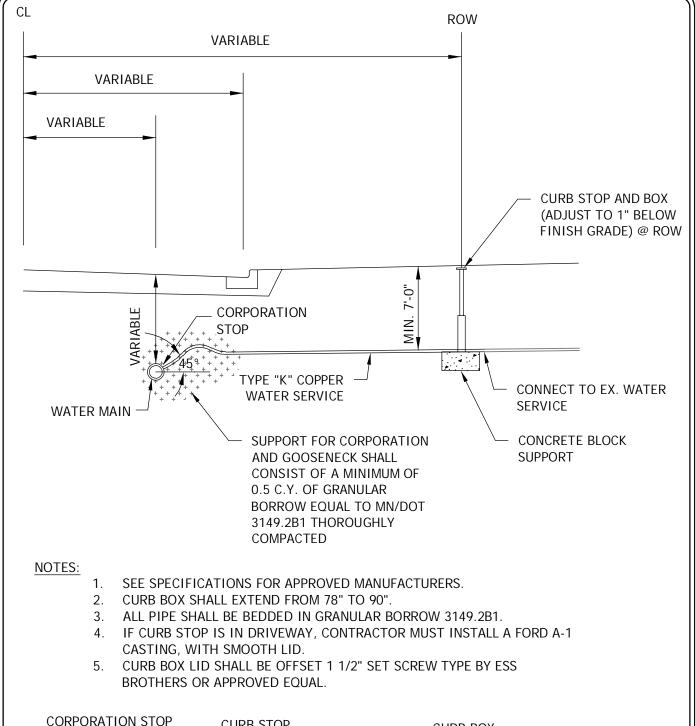
JAN 2019

CITY OF NEW HOPE, MN

PLATE NO. WAT-10







MUELLER B-25000 FORD F-600-4, F-600-6 McDONALD 4701-B

CURB STOP MUELLER B-25154

FORD B22-444M, B22-666M

McDONALD 6104

CURB BOX McDONALD 5614

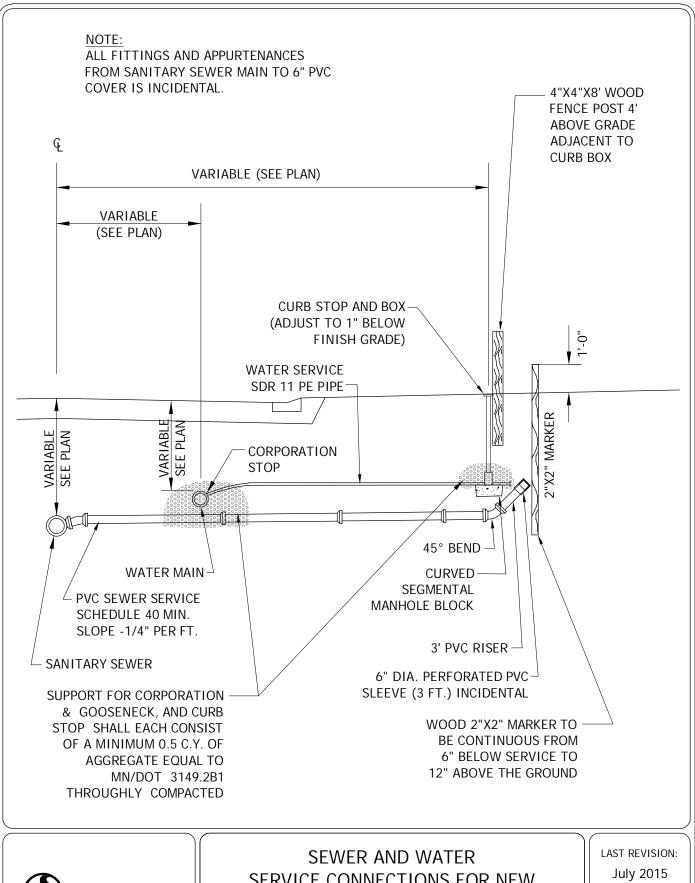


WATER SERVICE CONNECTION

LAST REVISION: MAY 2017

CITY OF NEW HOPE, MN

PLATE NO. SER - 1

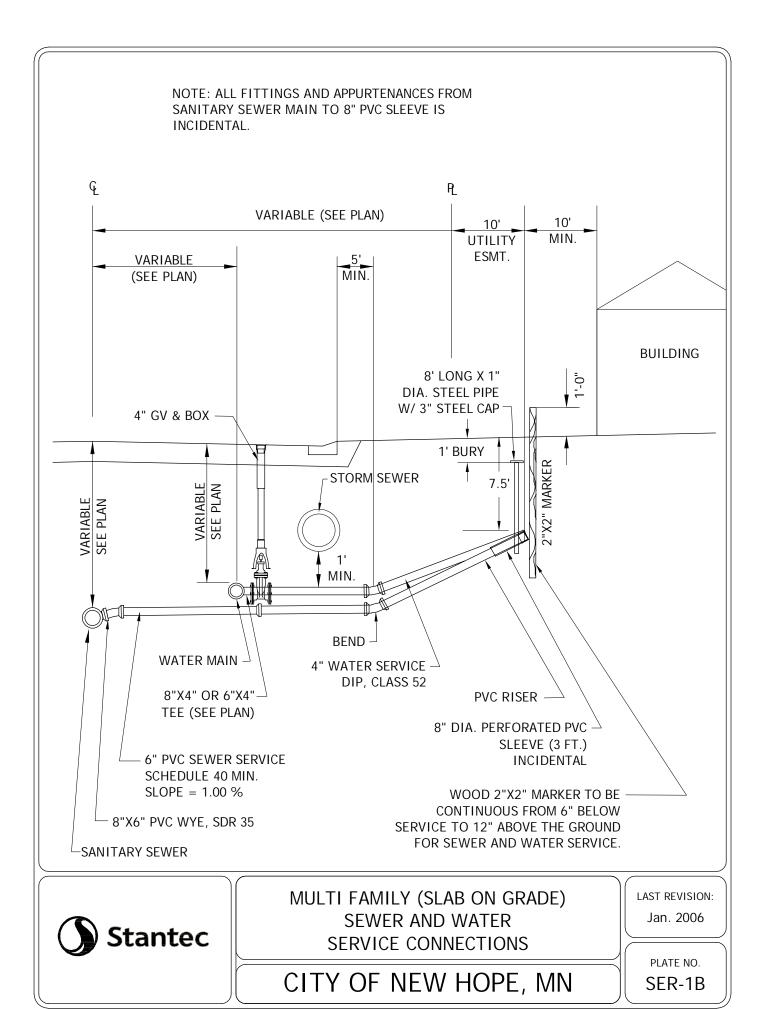


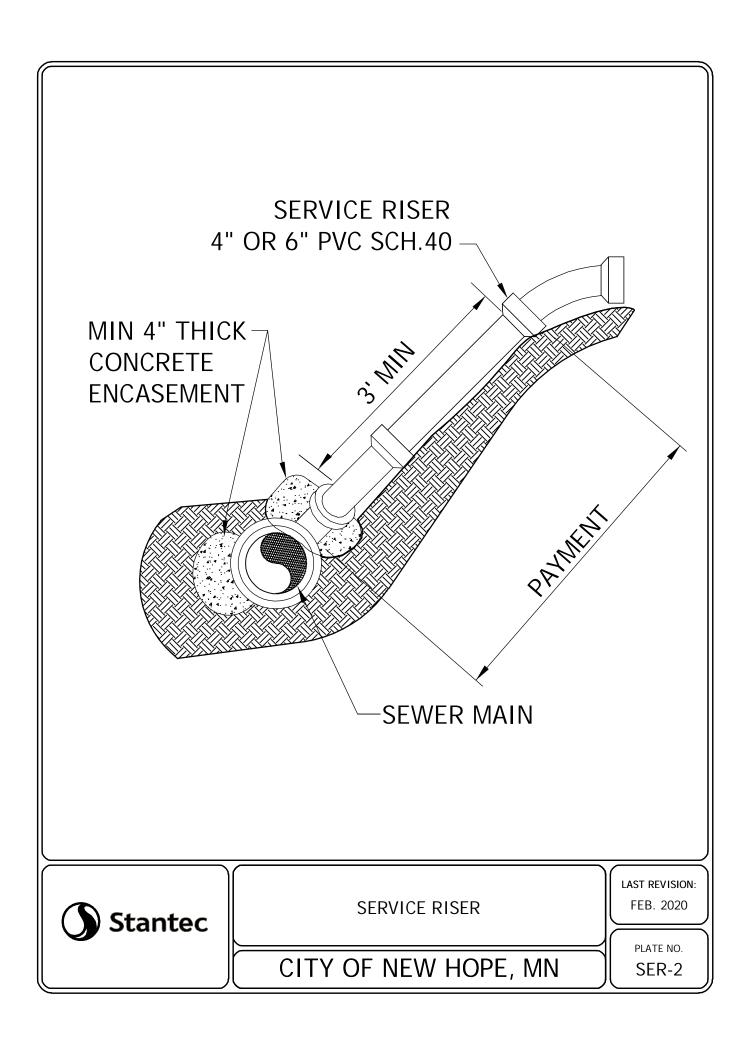


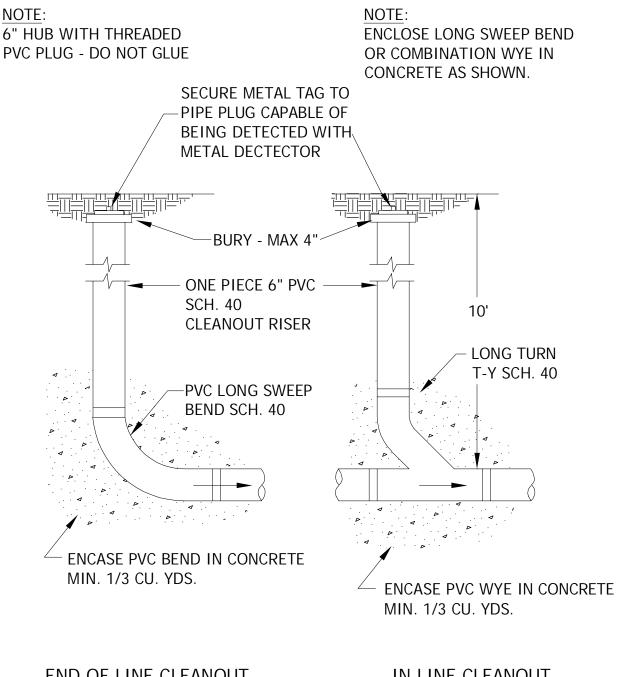
SERVICE CONNECTIONS FOR NEW CONSTRUCTION

CITY OF NEW HOPE, MN

PLATE NO. SER-1A







END OF LINE CLEANOUT

IN LINE CLEANOUT

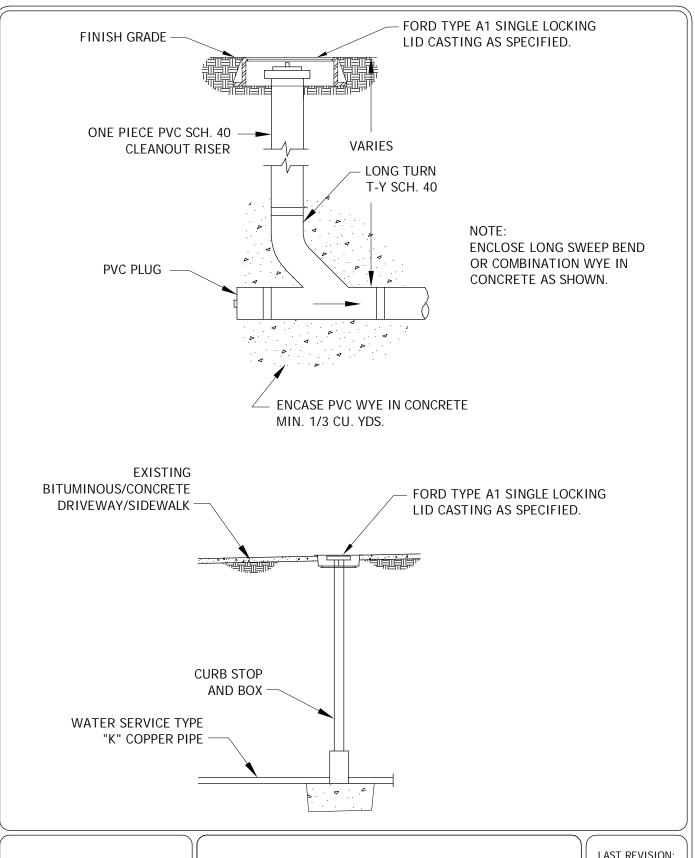


PVC SERVICE LINE CLEANOUTS

CITY OF NEW HOPE, MN

LAST REVISION: MAR 2016

> PLATE NO. SER-3





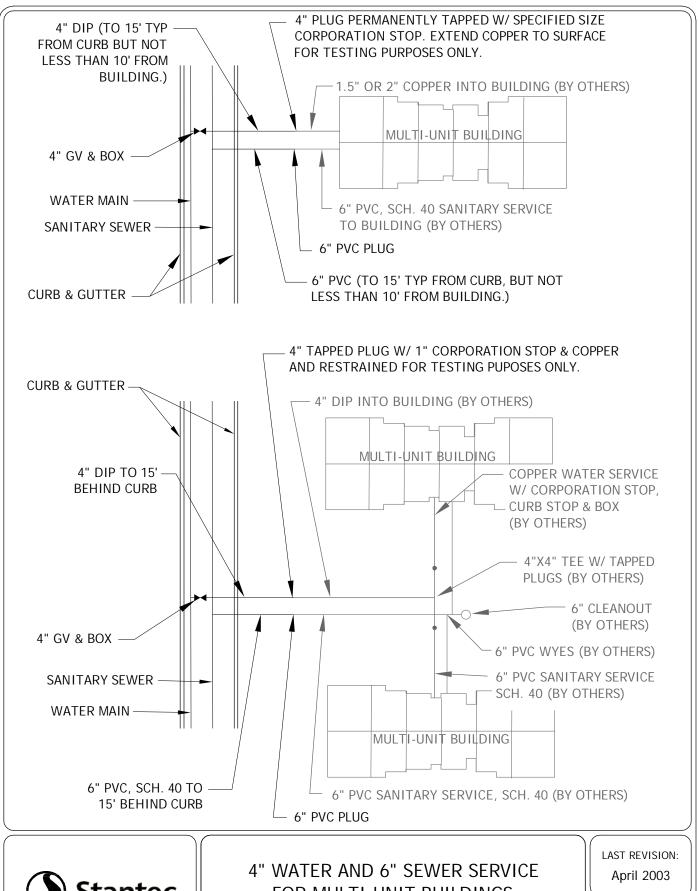
CURB BOX AND CLEANOUT PROTECTION IN DRIVEWAY

CITY OF NEW HOPE, MN

LAST REVISION: MAY 2017

PLATE NO.

SER-8



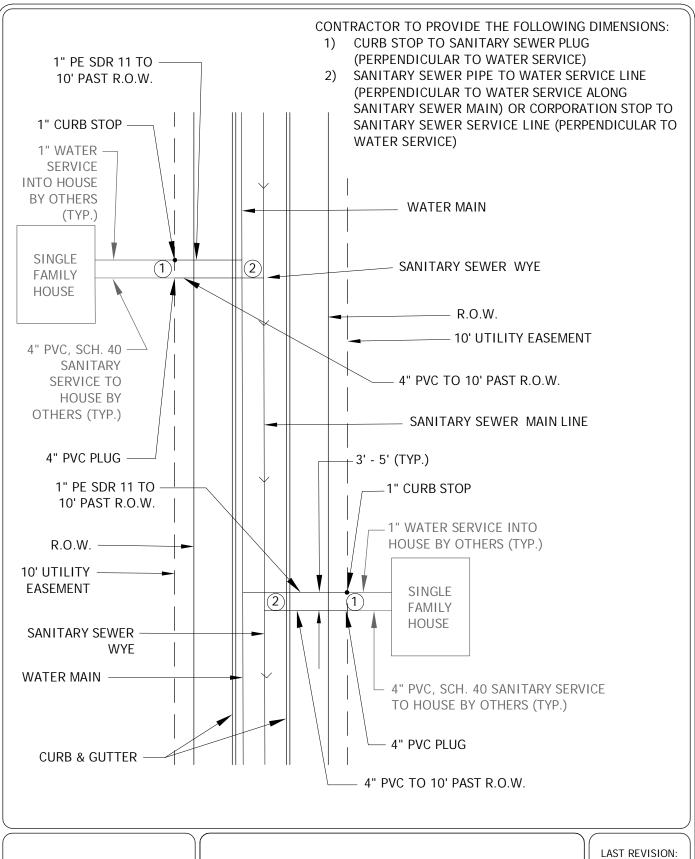


FOR MULTI-UNIT BUILDINGS

CITY OF NEW HOPE, MN

PLATE NO.

SER-9





LOCATING REQUIREMENTS FOR SINGLE FAMILY HOUSES

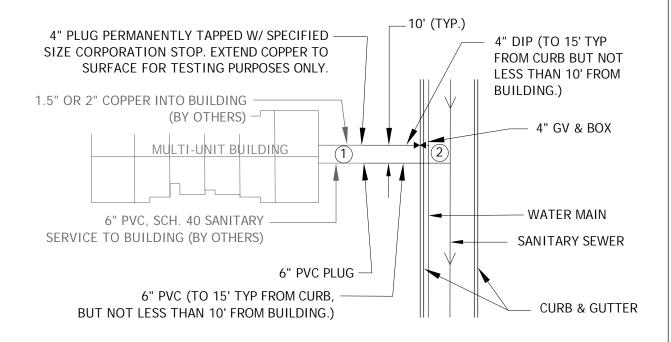
CITY OF NEW HOPE, MN

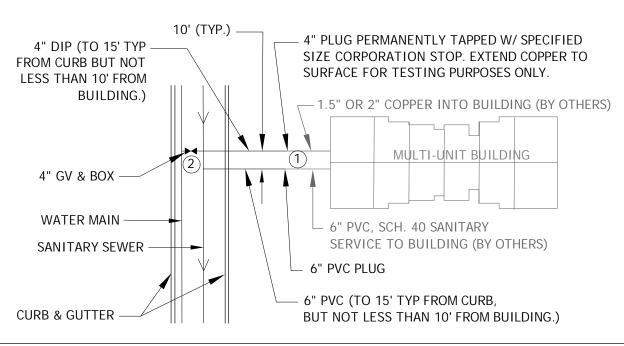
MAY 2015

PLATE NO. SER-9A

CONTRACTOR TO PROVIDE THE FOLLOWING DIMENSIONS:

- 1 WATER LINE PLUG TO SANITARY SEWER PLUG (PERPENDICULAR TO WATER LINE)
- 2 SANITARY SEWER PIPE TO WATER LINE
 (PERPENDICULAR TO WATER LINE ALONG SANITARY
 SEWER MAIN) OR WATER LINE TEE TO SANITARY SEWER
 LINE (PERPENDICULAR TO WATER LINE)





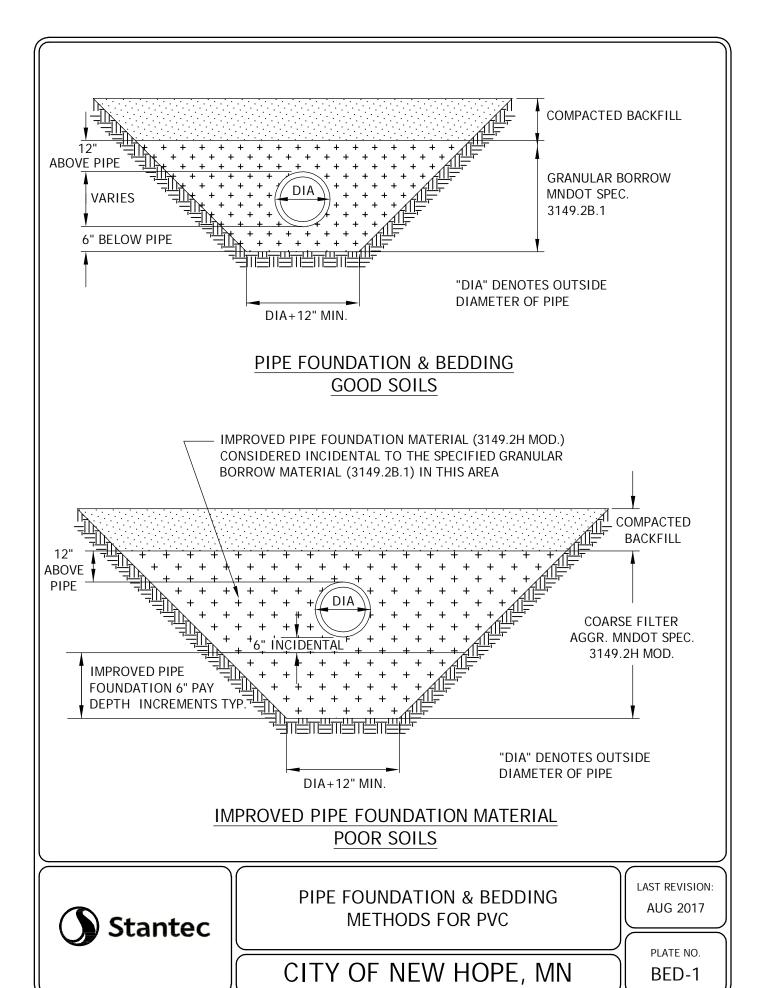


LOCATING REQUIREMENTS FOR MULTI-UNIT BUILDINGS

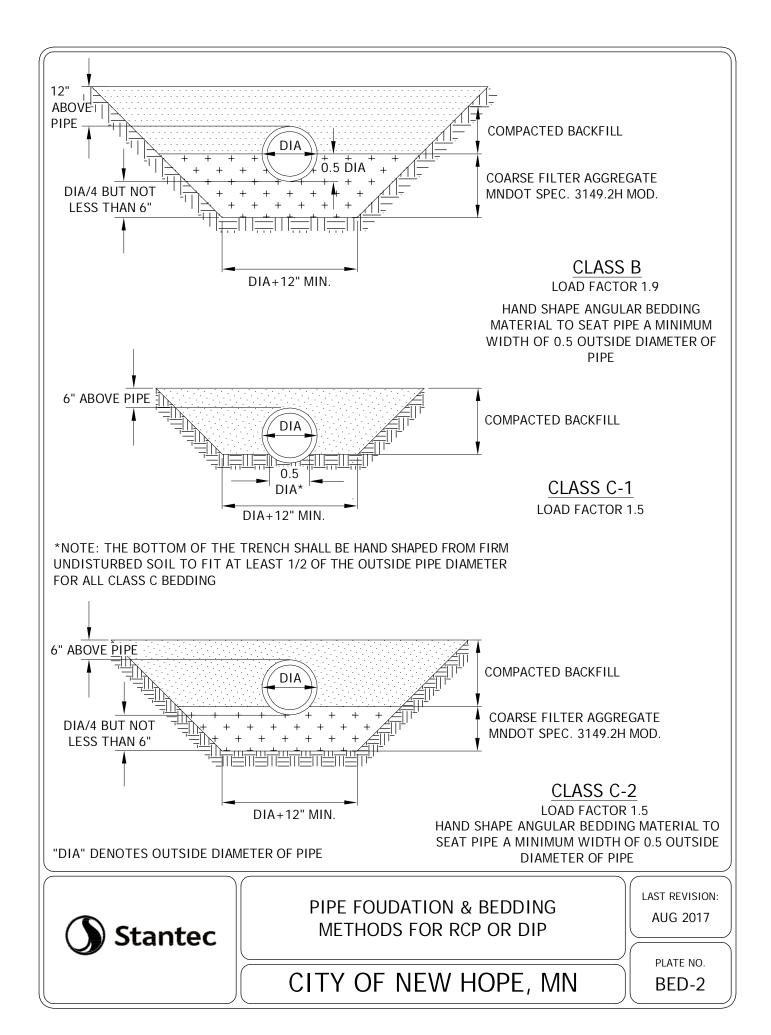
CITY OF NEW HOPE, MN

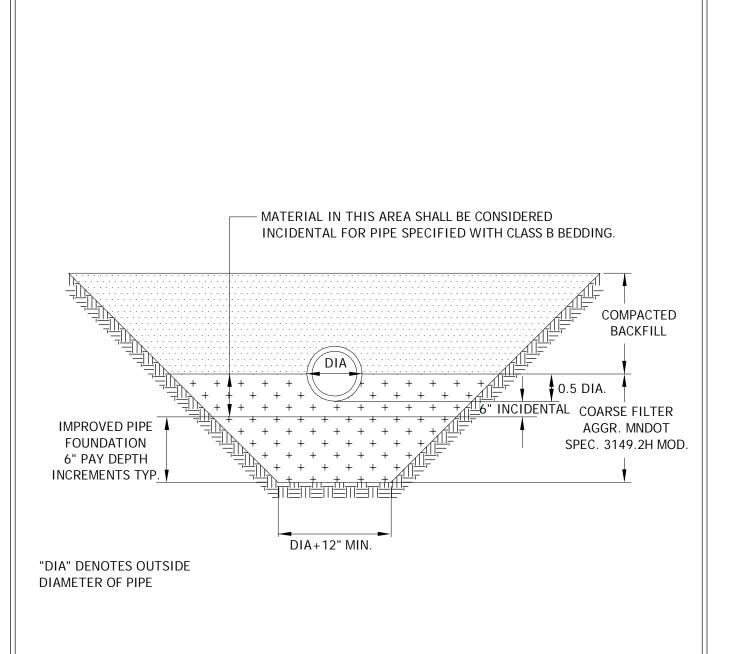
LAST REVISION: Feb. 2006

PLATE NO. SER-9B



BED-1







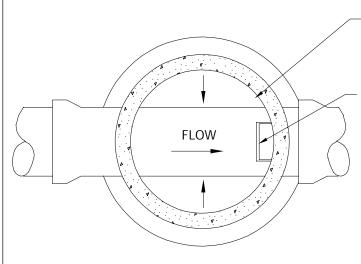
IMPROVED PIPE FOUNDATION FOR RCP AND DIP

CITY OF NEW HOPE, MN

LAST REVISION: AUG 2017

PLATE NO.

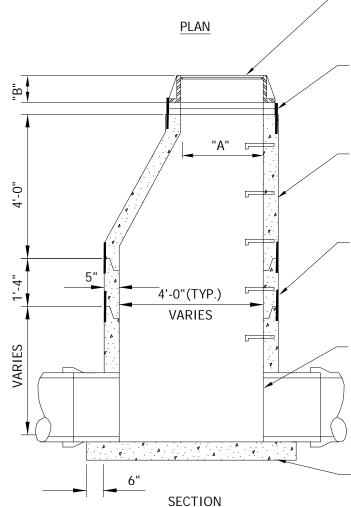
BED-3



GROUT BOTTOM OF MANHOLE TO $\frac{1}{2}$ DIAMETER AT PIPE AND SLOPE GROUT 2" TOWARD INVERT.

MANHOLE STEPS SHALL BE PLACED SO THAT OFFSET VERTICAL PORTION OF CONE IS FACING DOWNSTREAM.

CASTING	А	В
R1642B	27"	7"
Ess.Bro.309	27"	7"



NEENAH R-1642-B MANHOLE FRAME AND COVER OR EQUAL. 2 CONCEALED PICK HOLES. NEW HOPE STORM LID.

MINIMUM OF 2, MAXIMUM OF 5 HDPE ADJUSTMENT RINGS. NO SHIMS ALLOWED. WRAP WOVEN FILTER FABRIC AROUND RINGS. MAXIMUM 20" OF ADJUSTMENT ALLOWED INCLUDING RINGS AND CASTING.

MANHOLE STEPS, COPOLYMER POLYPROPYLENE PLASTIC, WITH 1/2" GRADE 60 STEEL REINFORCEMENT OR EQUAL, 16" ON CENTER. (NO STEPS ALLOWED IN UPPER 27" BARREL.)

ALL JOINTS IN MANHOLE TO HAVE "O" RING RUBBER GASKETS. JOINTS TO BE SEALED IN INFI-SHIELF WRAP.

**DOG HOUSES MUST BE GROUTED BOTH INSIDE AND OUTSIDE OF STRUCTURE

PIPE SHALL BE CUT OUT 2" FROM INSIDE FACE OF WALL.

> NOTE: KOR-N-SEAL MANHOLE OR EQUAL CONSIDERED ACCEPTABLE ALTERNATE.

8" THICK X 6'-0" DIAMETER PRECAST CONCRETE SLAB WITH #4 @ 8" E.W.

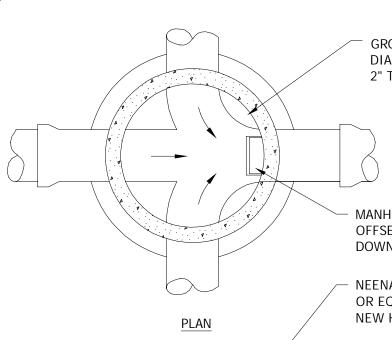


STORM SEWER MANHOLE

CITY OF NEW HOPE, MN

LAST REVISION: JAN 2019

> PLATE NO. STO-1



"A"

4'-0"(TYP.) VARIES

SECTION

GROUT BOTTOM OF MANHOLE TO $\frac{1}{2}$ DIAMETER AT PIPE AND SLOPE GROUT 2" TOWARD INVERT.

CASTING	А	В
R1642B	27"	7"
ESS BROS. 309	27"	7"

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8" THICK X 6'-0" DIAMETER PRECAST CONCRETE SLAB WITH #4 @ 8" E.W.



5"

<u></u>a ↓

4'-0"

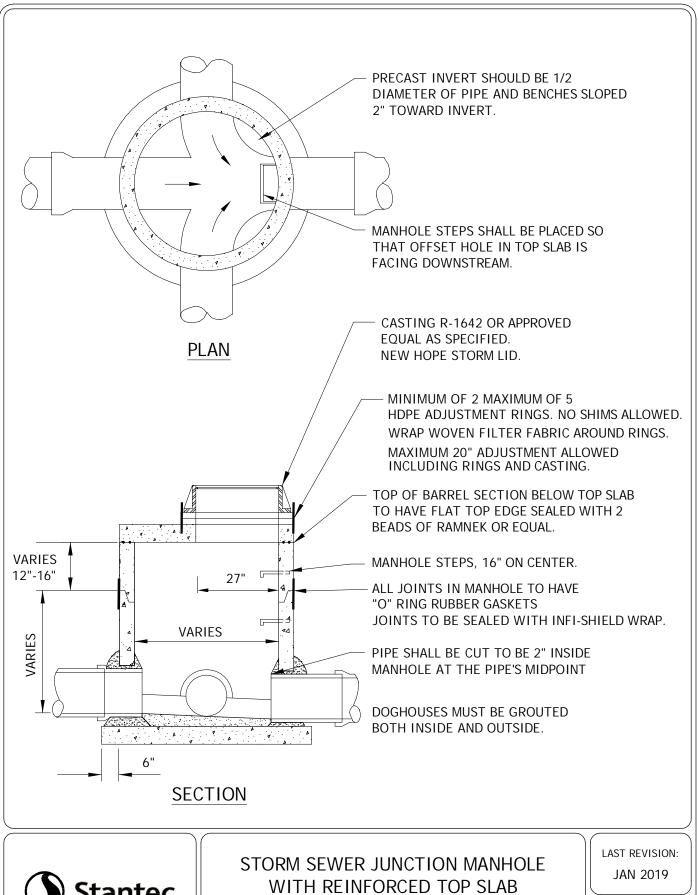
VARIES

STORM SEWER JUNCTION MANHOLE

CITY OF NEW HOPE, MN

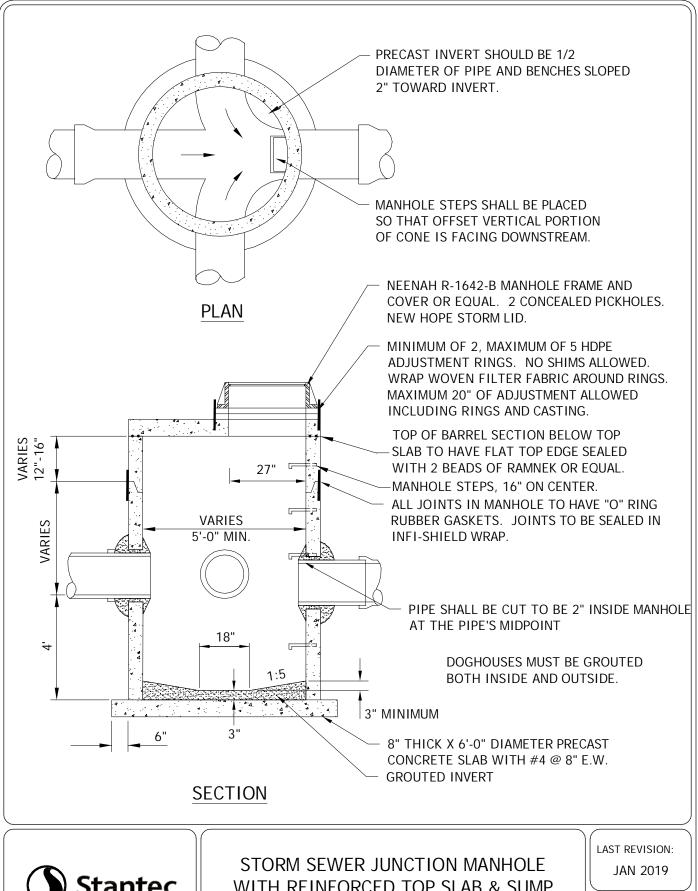
LAST REVISION: JAN 2019

PLATE NO. STO-2





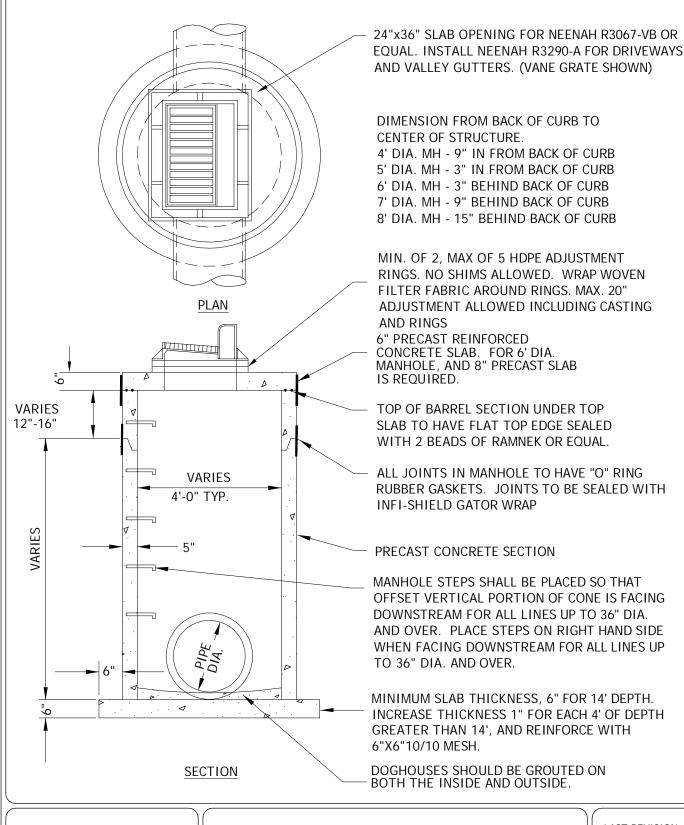
CITY OF NEW HOPE, MN





WITH REINFORCED TOP SLAB & SUMP

CITY OF NEW HOPE, MN



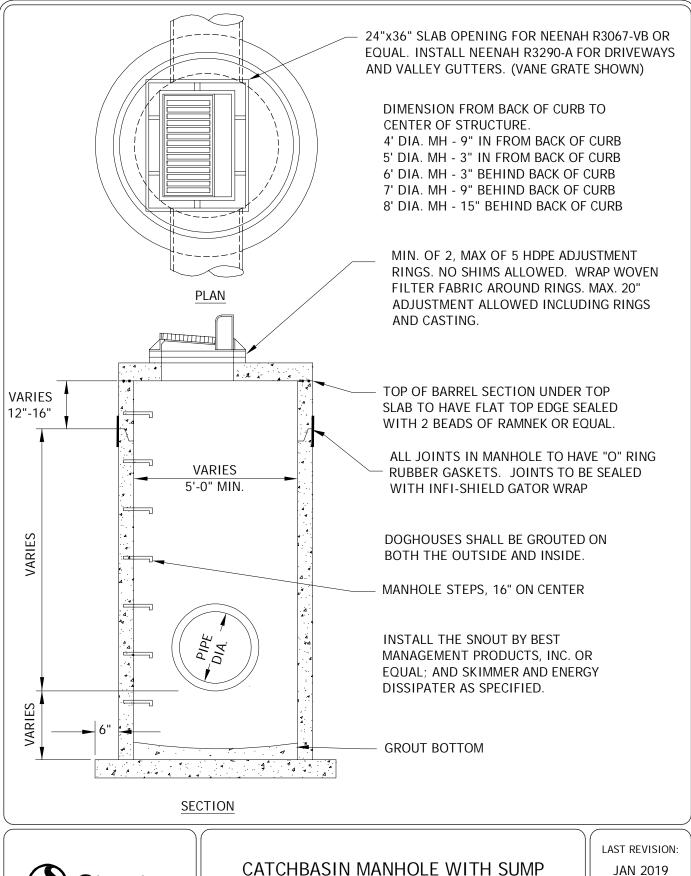


TYPE II CATCH BASIN MANHOLE

CITY OF NEW HOPE, MN

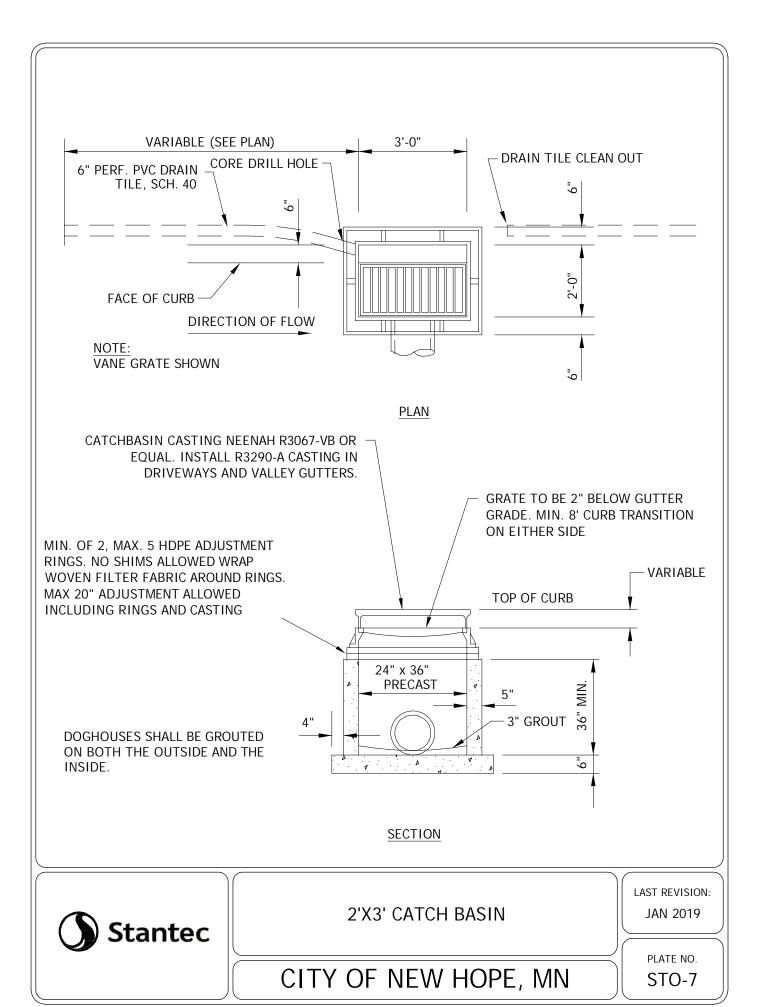
JAN 2019

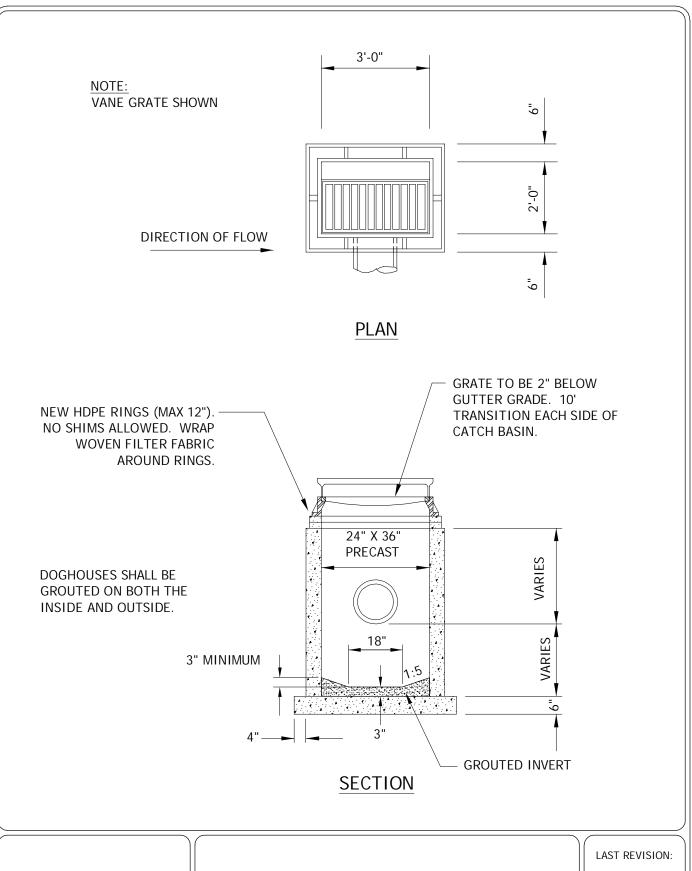
STO-5





CITY OF NEW HOPE, MN



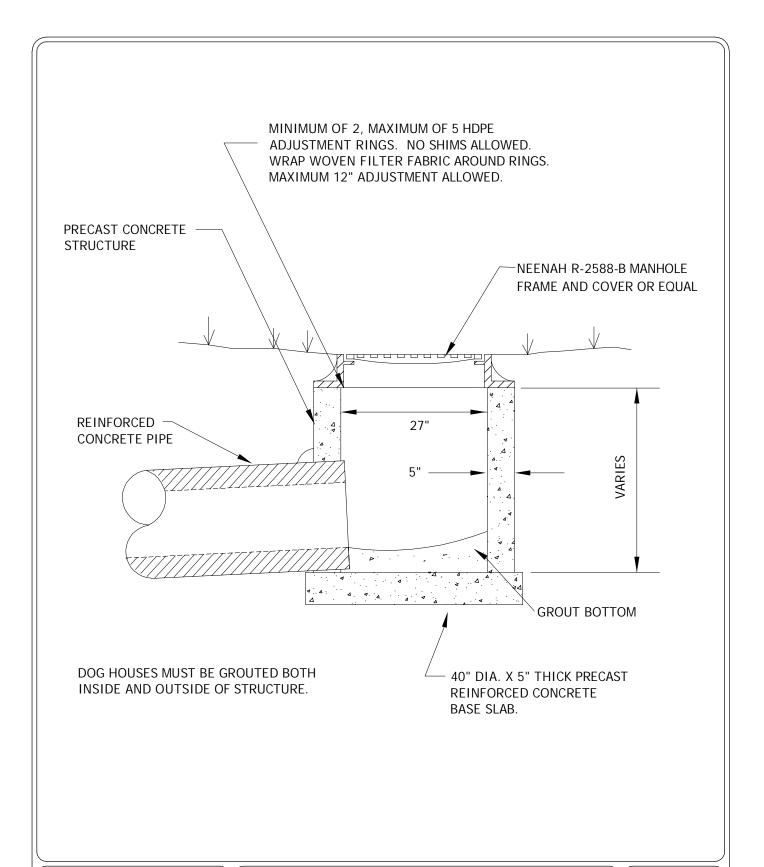




CATCHBASIN WITH SUMP

CITY OF NEW HOPE, MN

DEC 2017

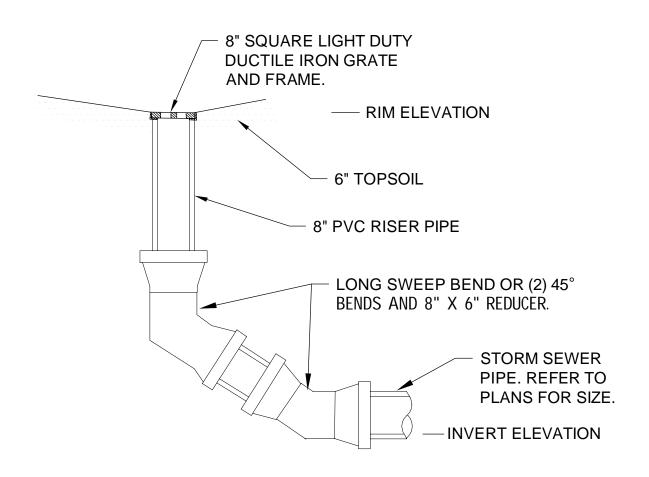




PRECAST 27" YARD DRAIN (YD)

CITY OF NEW HOPE, MN

LAST REVISION: JAN 2019

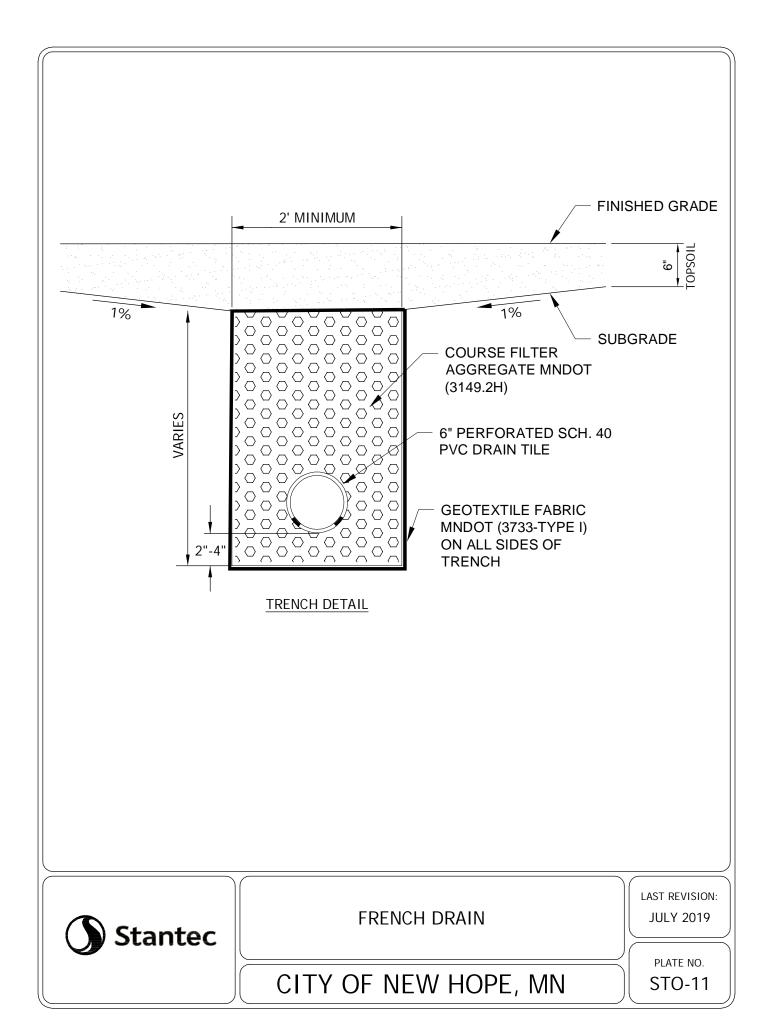


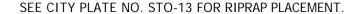


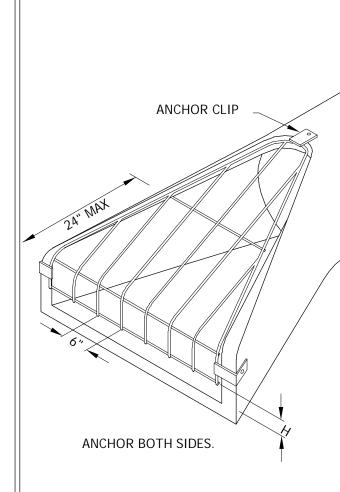
AREA DRAIN

CITY OF NEW HOPE, MN

LAST REVISION: JULY 2019







TIE LAST 3 PIPE JOINTS. USE 2 -TIE BOLT FASTENERS PER JOINT. INSTALL AT 60° FROM TOP OR BOTTOM OF PIPE.

PROVIDE 3 ANCHOR CLIPS TO FASTEN TRASH GUARD TO FLARED END SECTION. HOT DIP GALVANIZE AFTER FABRICATION.

STORM SEWER SHALL BE RCP.

ISOMETRIC

TRASH GUARD SIZING

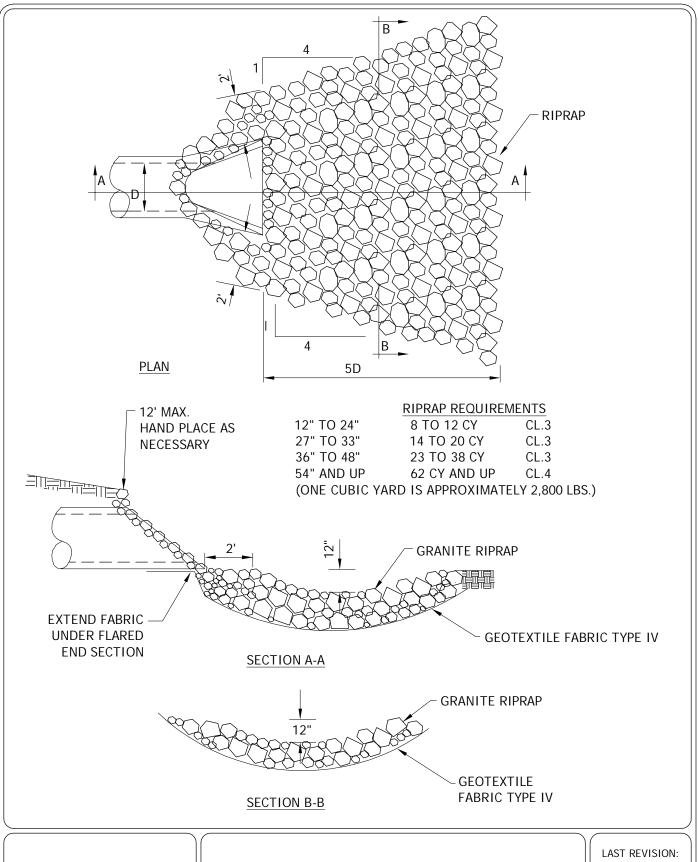
PIPE SIZE	BARS	`H'	BOLTS
12"-18"	3/4"ø	4"	5/8"
21"-42"	1"Ø	6"	3/4"
48"-72"	1 1/4"ø	12"	1"



FLARED END SECTION WITH TRASH GUARD

CITY OF NEW HOPE, MN

LAST REVISION:
DEC 2017

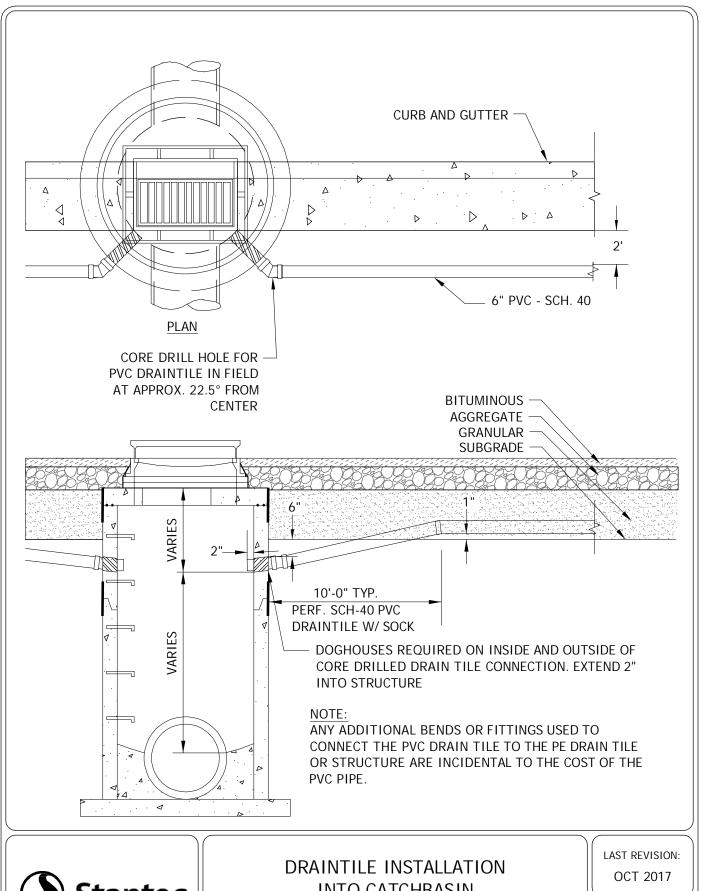




RIPRAP AT OUTLETS

CITY OF NEW HOPE, MN

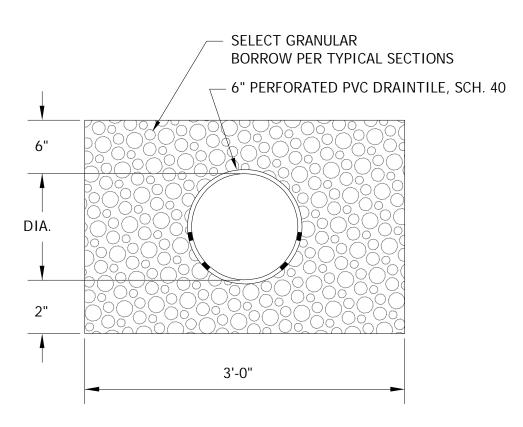
Feb. 2017



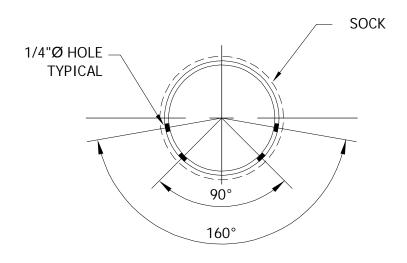


INTO CATCHBASIN

CITY OF NEW HOPE, MN



TRENCH DETAIL



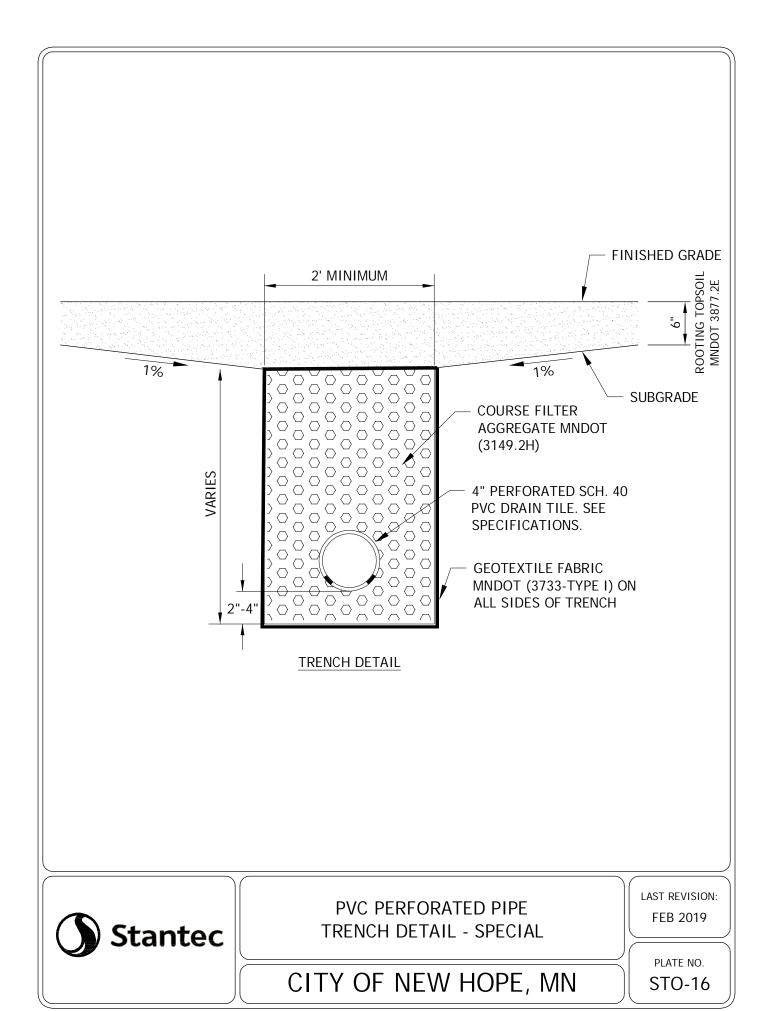
PIPE DETAIL

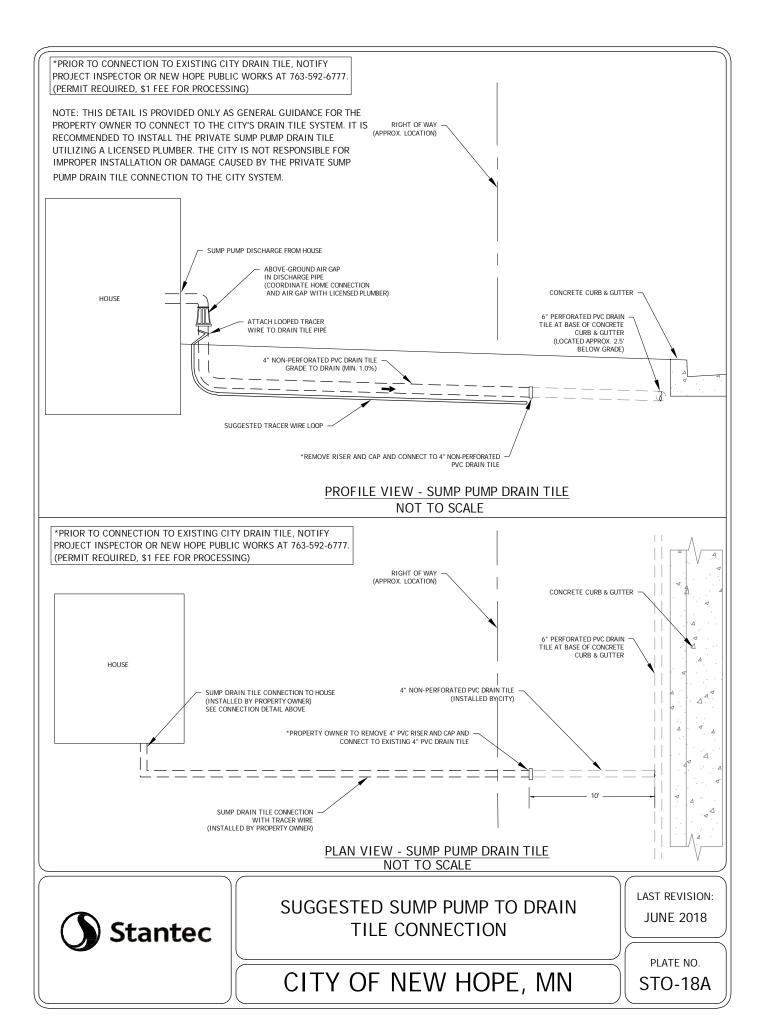


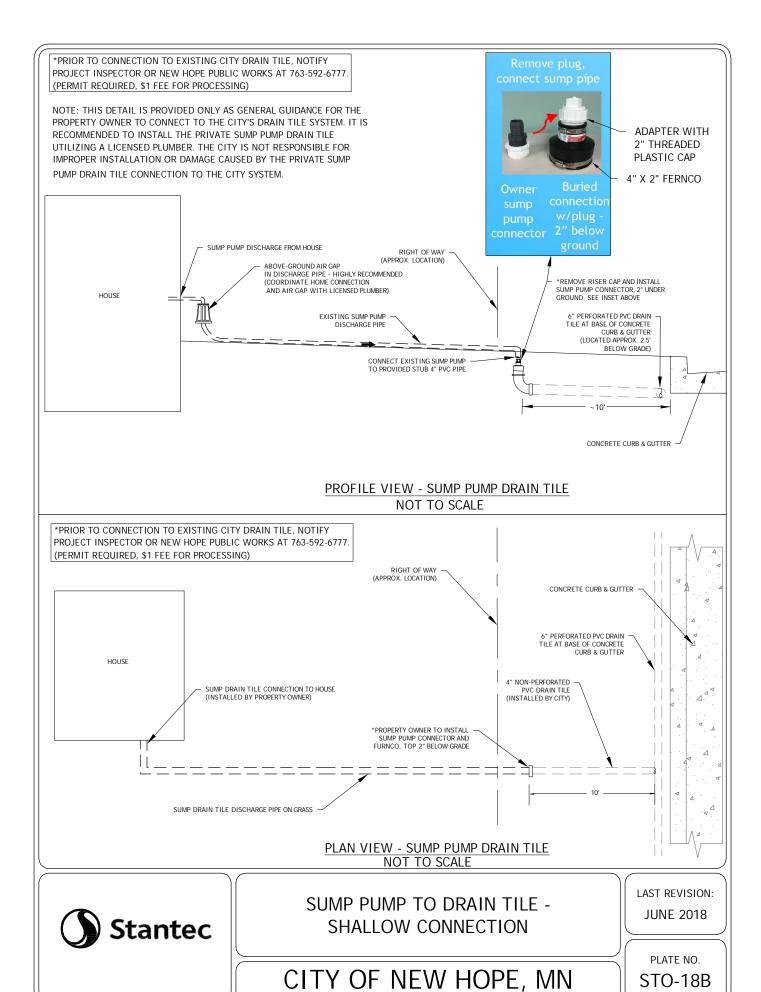
PVC PERFORATED PIPE TRENCH DETAIL

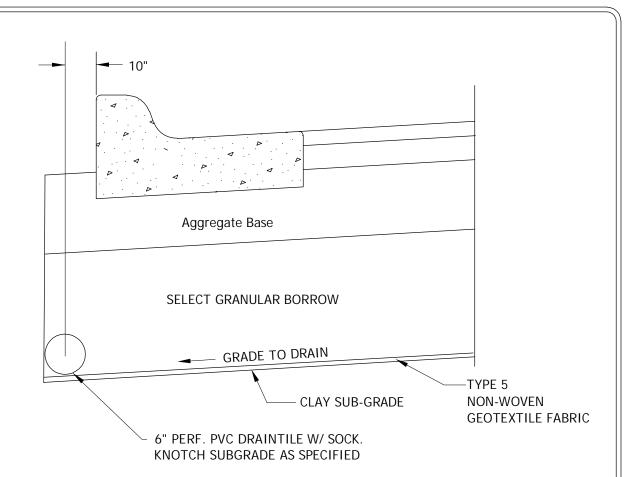
CITY OF NEW HOPE, MN

LAST REVISION: OCT 2017

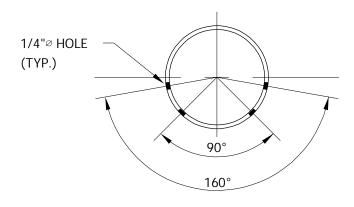








TRENCH DETAIL



NOTE:

IN LOCATIONS WHERE THERE IS EXISTING CURB AND GUTTER, INSTALL DRAIN TILE UNDER LIP OF GUTTER AS DIRECTED BY ENGINEER.

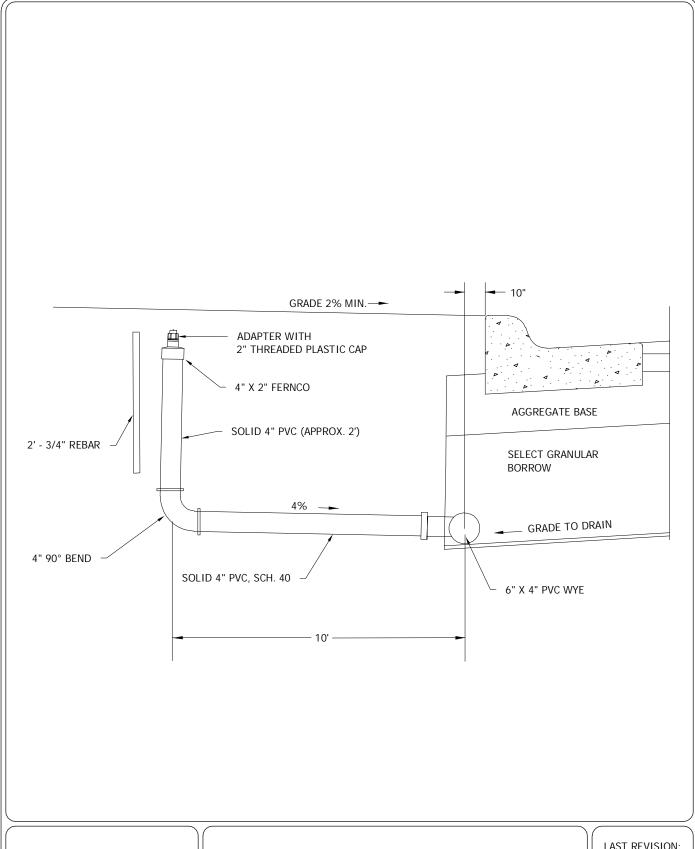
PIPE DETAIL



PVC PERFORATED PIPE BELOW CONCRETE CURB

CITY OF NEW HOPE, MN

LAST REVISION: MAY 2017

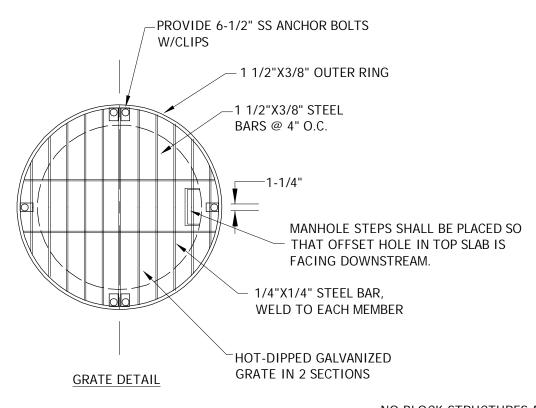




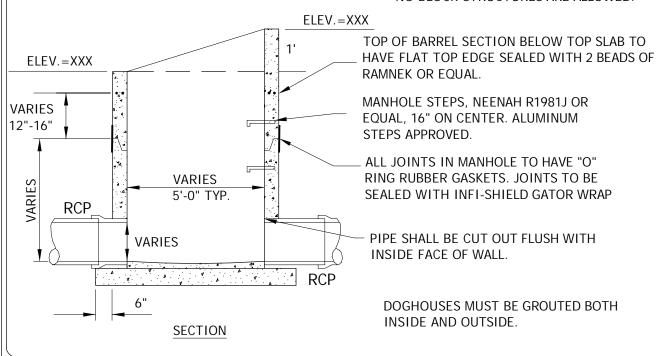
PVC SUMP PUMP STUB

CITY OF NEW HOPE, MN

LAST REVISION: MAY 2017



NO BLOCK STRUCTURES ARE ALLOWED.



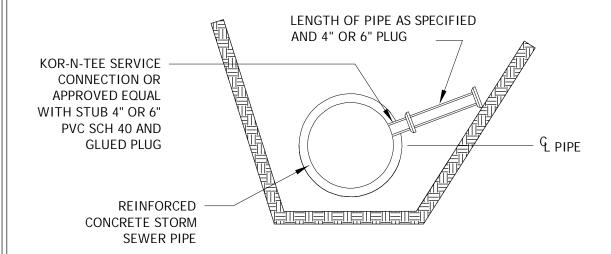


STANDARD OVERFLOW STRUCTURE

LAST REVISION: DEC 2017

CITY OF NEW HOPE, MN

NOTE: SERVICE CONNECTIONS TO BE AT 2:00 OR 10:00

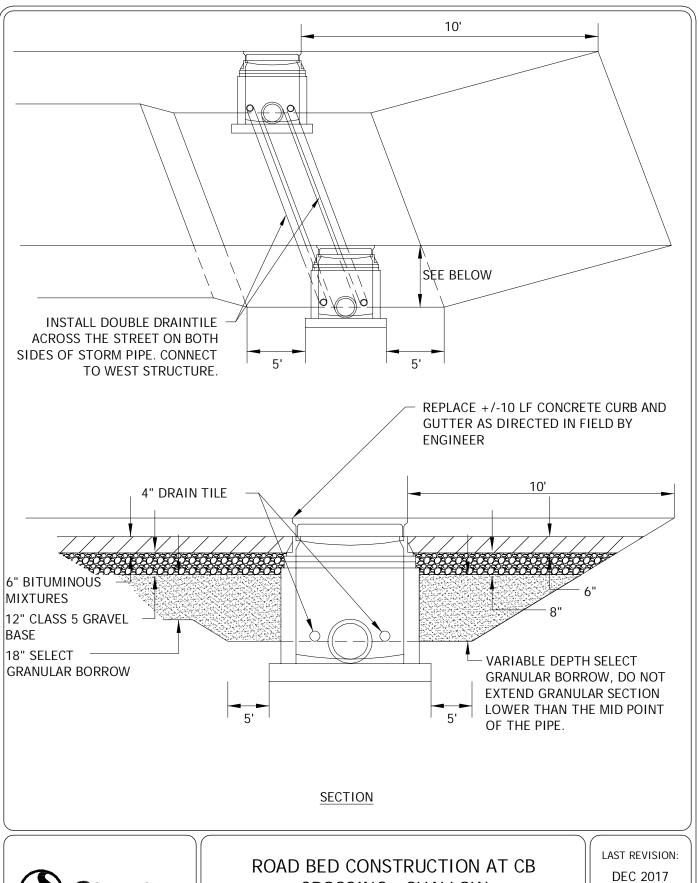




STORM SEWER SERVICE CONNECTION TO RCP

CITY OF NEW HOPE, MN

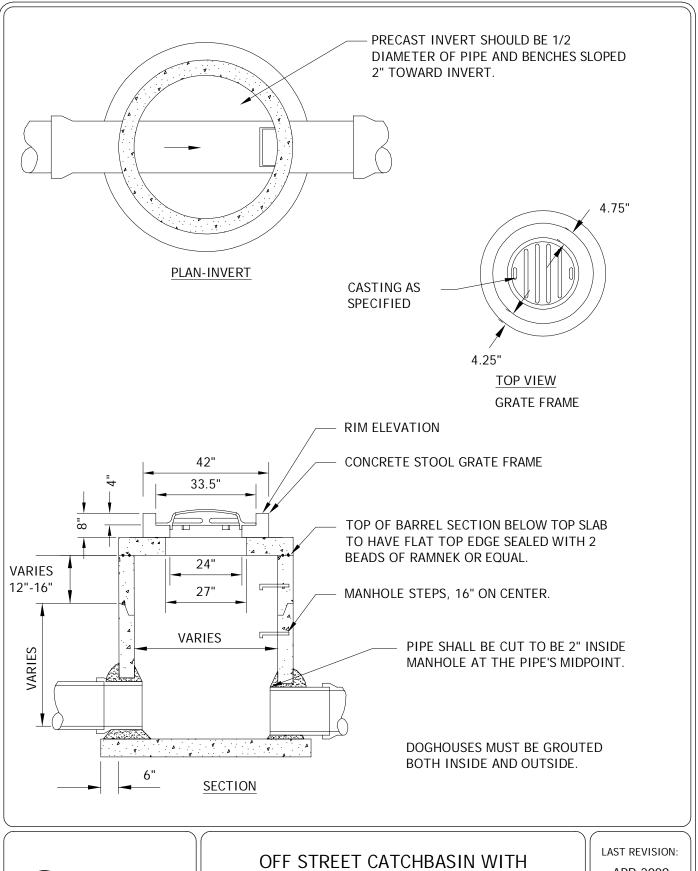
LAST REVISION:
April 2004





CROSSING - SHALLOW

CITY OF NEW HOPE, MN

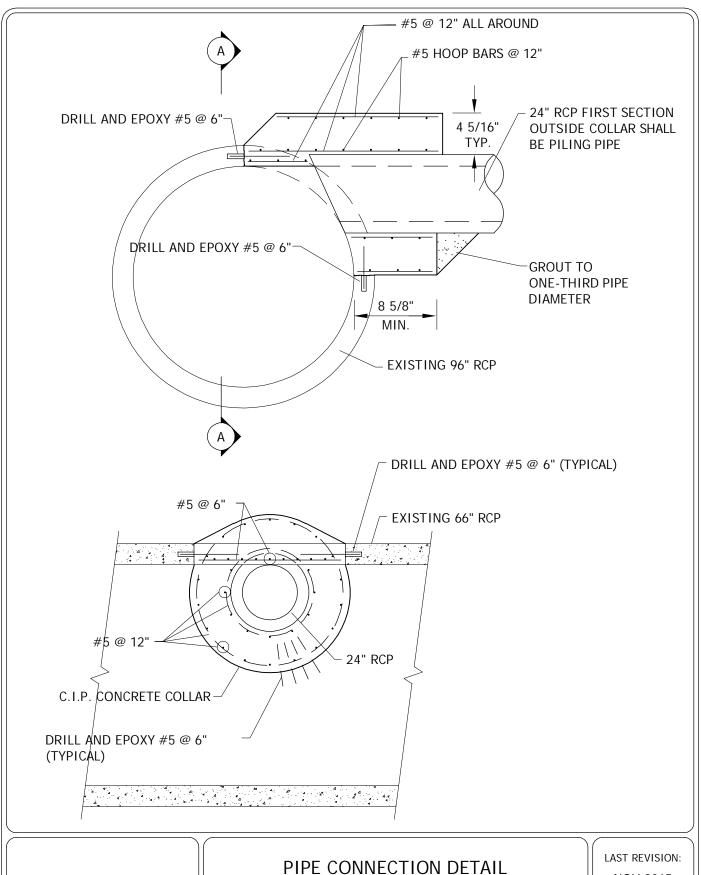




CONCRETE STOOL GRATE FRAME

CITY OF NEW HOPE, MN

APR 2009

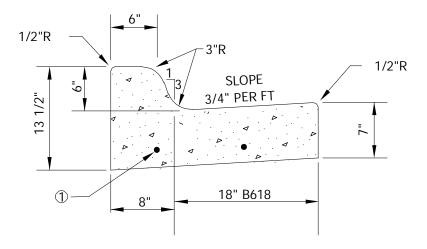




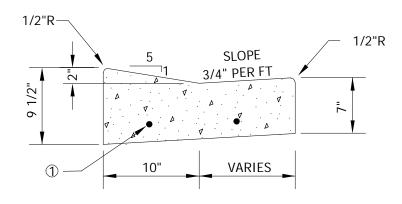
PIPE CONNECTION DETAIL INTO EXISTING 66" RCP STORM

CITY OF NEW HOPE, MN

NOV 2015



MnDOT B618



STANDARD SECTION THROUGH DRIVEWAY

① PLACE #4 REBAR AS SHOWN, WHERE CURB CROSSES UTILITY TRENCHES WITH 3" OF COVER AND 8' ON EITHER SIDE OF IN-CURB STORM INLETS.

NOTE: CURB TO RECEIVE WHITE CURE COAT AFTER FORMING AND BACK OF CURB TO BE "STABBED" AT JOINT LOCATIONS TO PROMOTE CRACKING AT JOINTS.



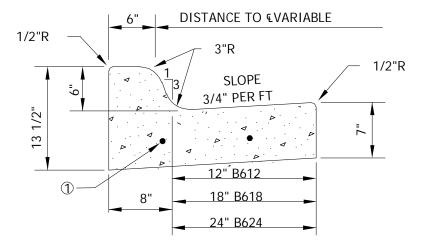
CURB AND GUTTER

SEPT 2017

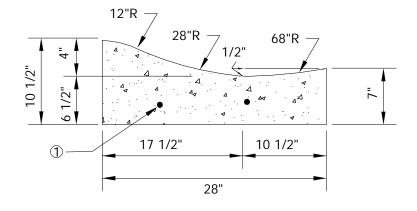
CITY OF NEW HOPE, MN

PLATE NO. STR-1

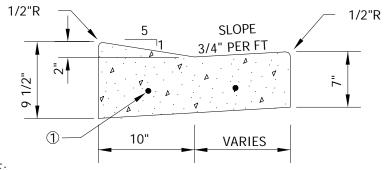
LAST REVISION:



MnDOT B612 MnDOT B618 MnDOT B624



MOUNTABLE



STANDARD SECTION THROUGH DRIVEWAY

NOTE:

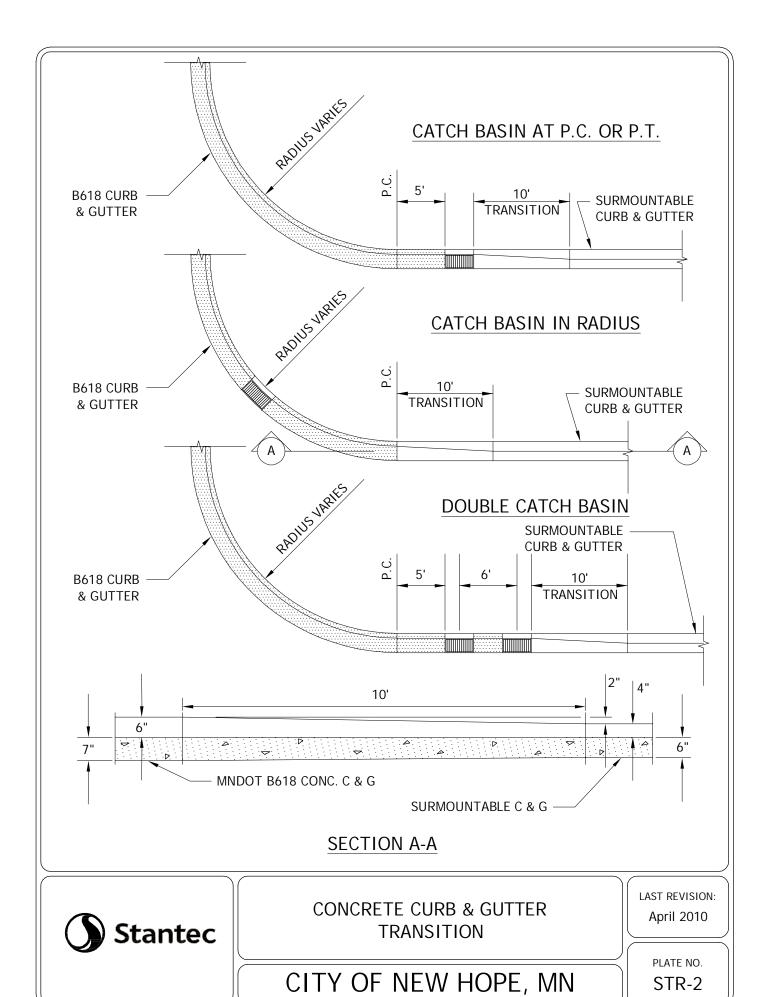
① PLACE #4 REBAR AS SHOWN, WHERE CURB CROSSES UTILITY TRENCHES WITH 3" OF COVER.

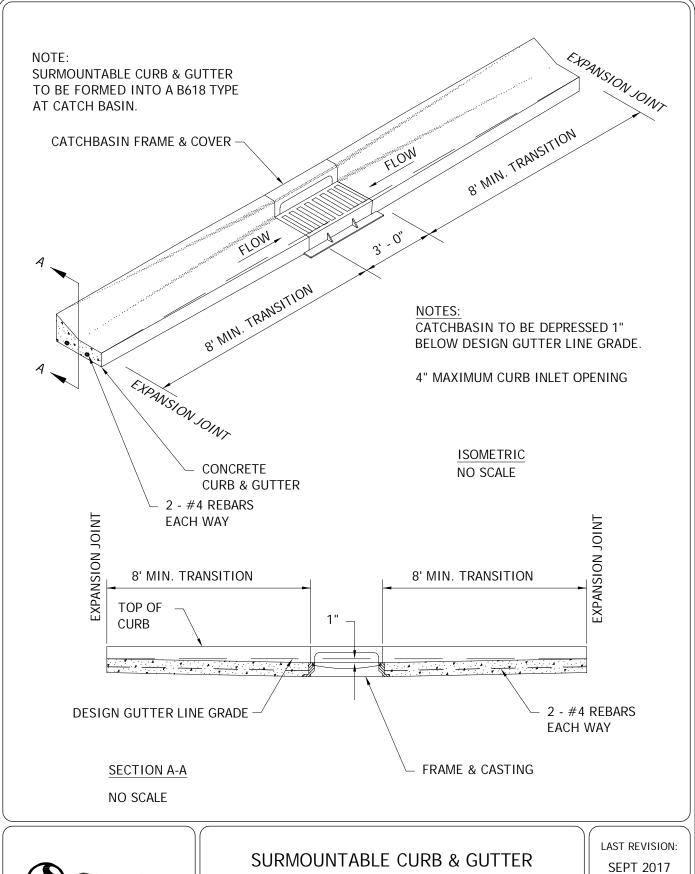


CURB AND GUTTER

CITY OF NEW HOPE, MN

LAST REVISION: DEC 2015

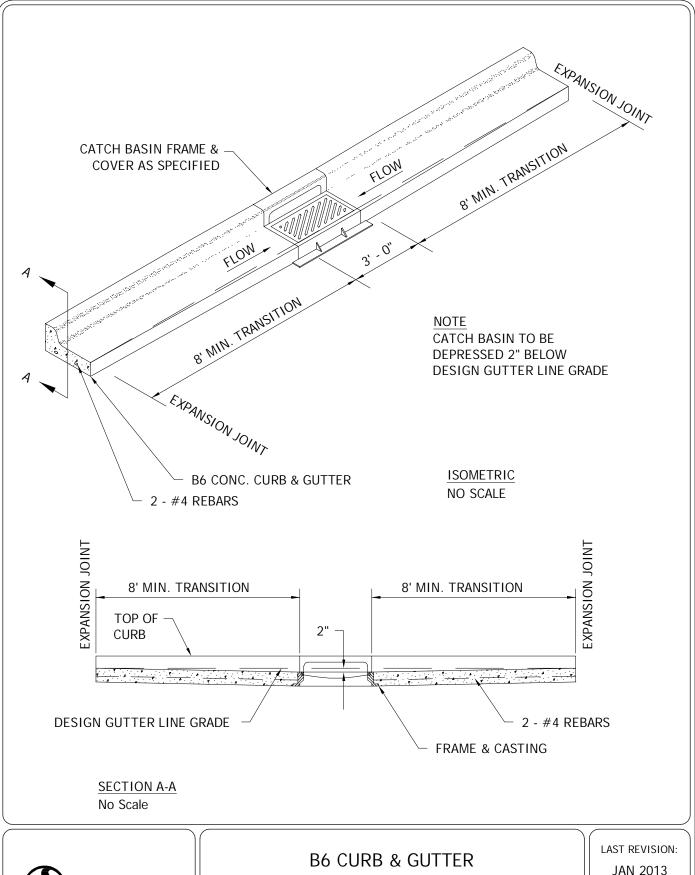






CONSTRUCTION AT CATCH BASIN

CITY OF NEW HOPE, MN

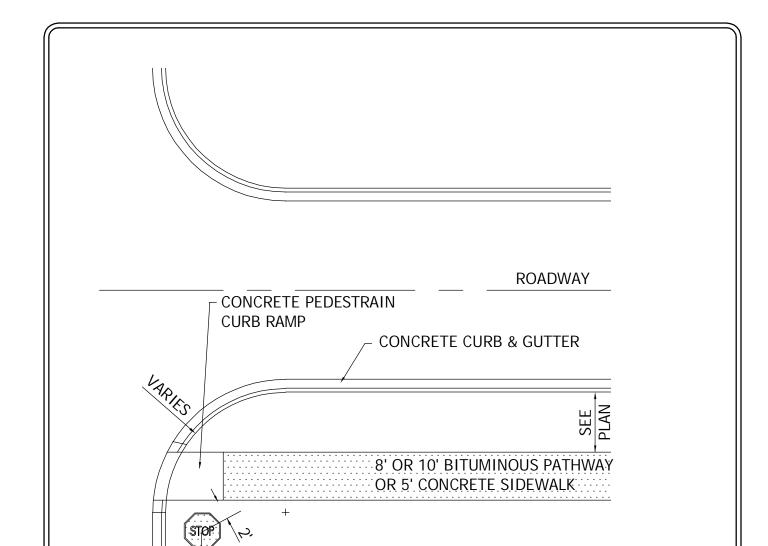




CONSTRUCTION AT CATCH BASIN

CITY OF NEW HOPE, MN

JAN 2013



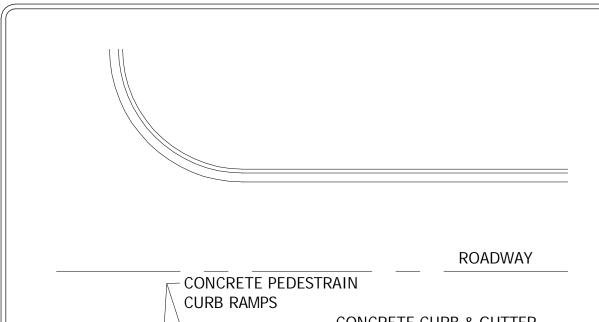
PLAN NO SCALE

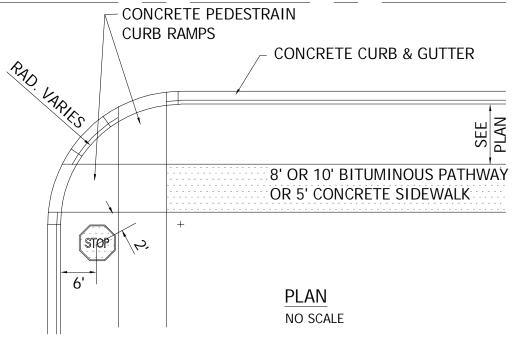


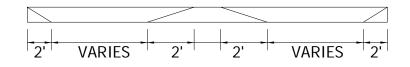
PEDESTRIAN CURB RAMP GENERAL LOCATION

CITY OF NEW HOPE, MN

LAST REVISION:
April 2004







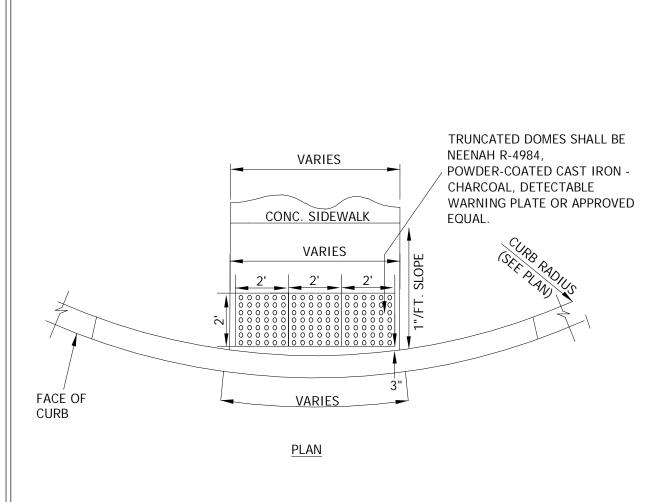
PROFILE NO SCALE



DOUBLE PEDESTRIAN CURB RAMP GENERAL LOCATION

CITY OF NEW HOPE, MN

LAST REVISION:
April 2004



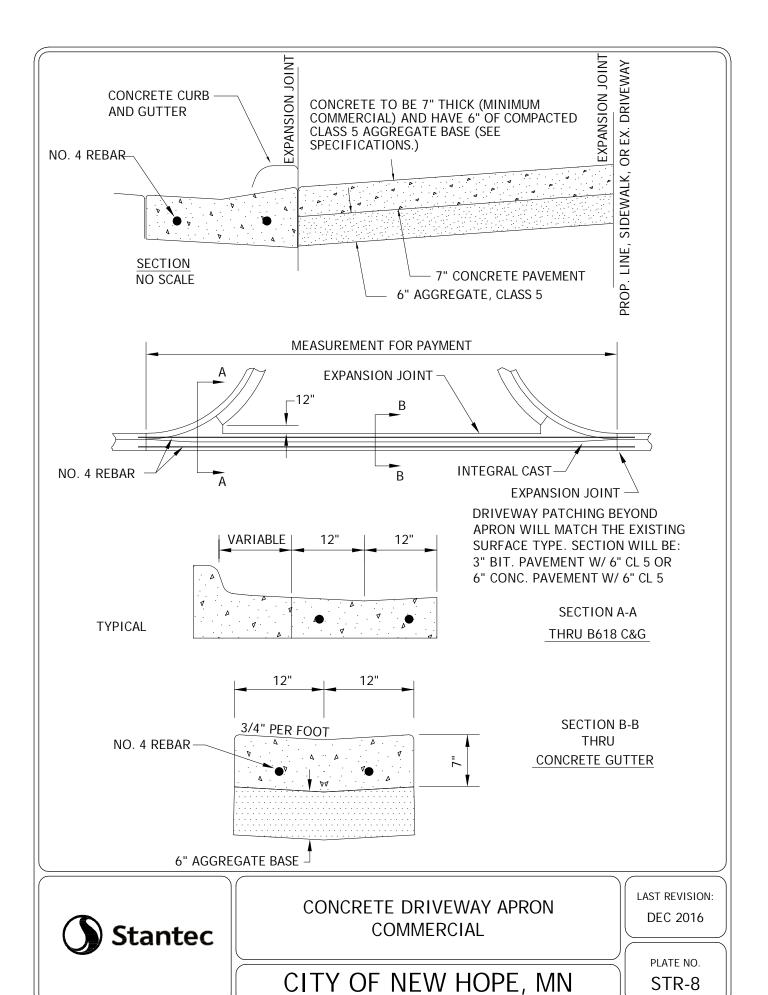
REFER TO MnDOT STANDARD PLAN 5-297.250

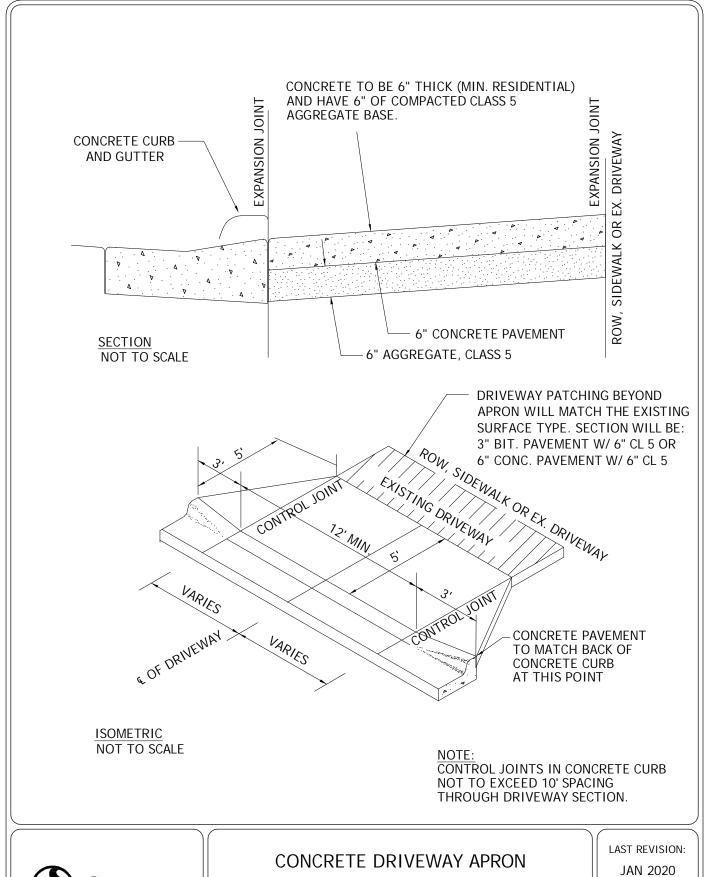


GENERAL PEDESTRIAN CURB RAMP DETAILS

CITY OF NEW HOPE, MN

LAST REVISION: DEC 2018

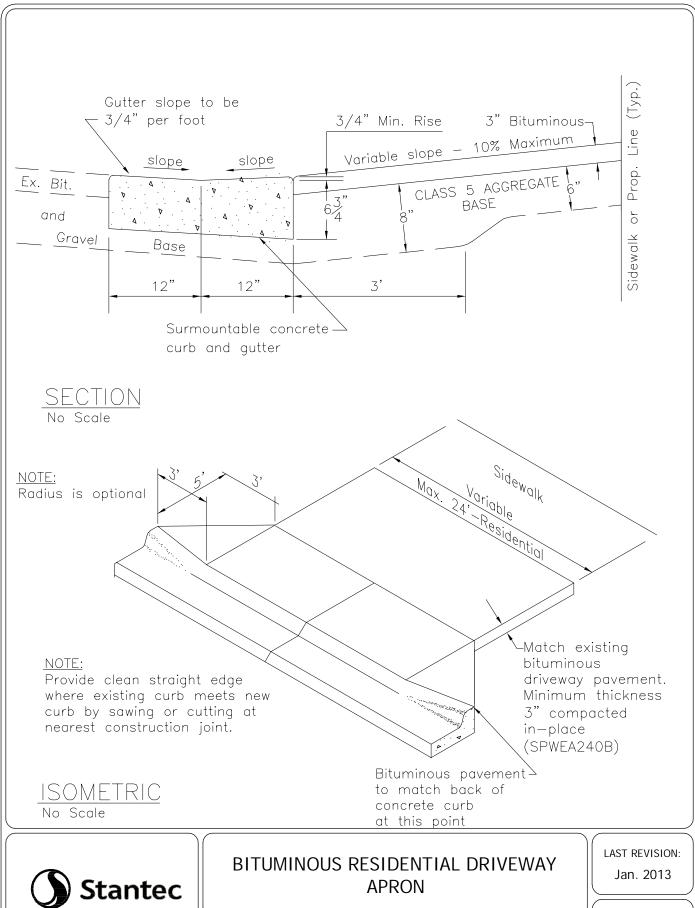






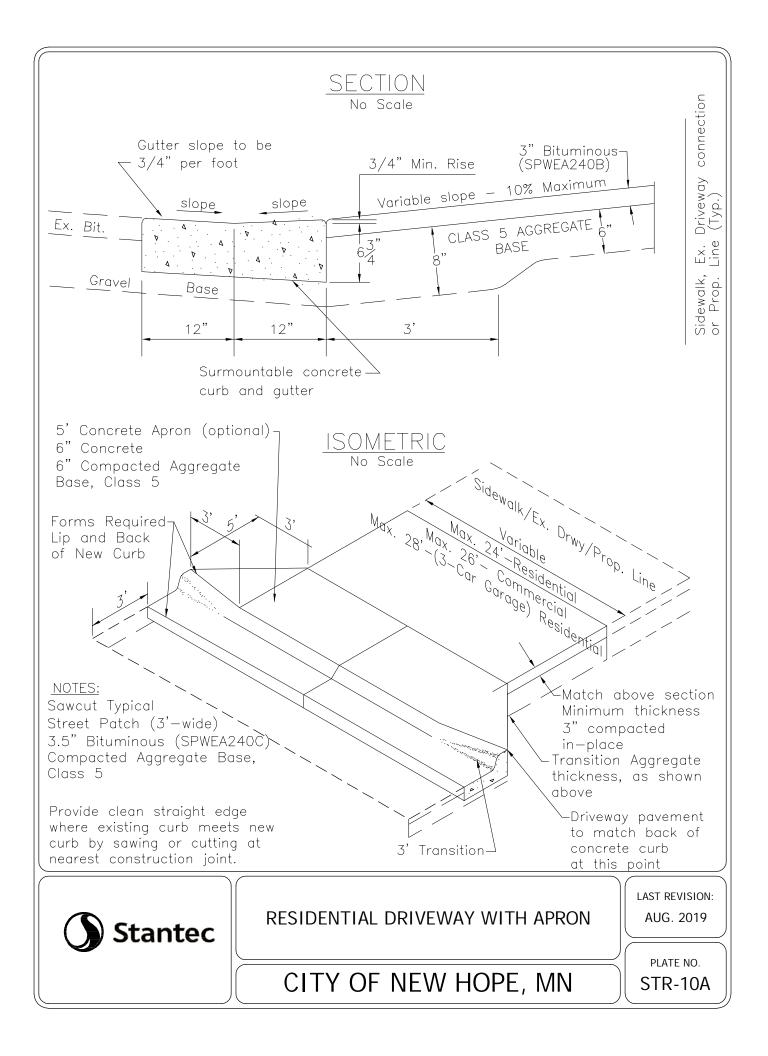
RESIDENTIAL

CITY OF NEW HOPE, MN



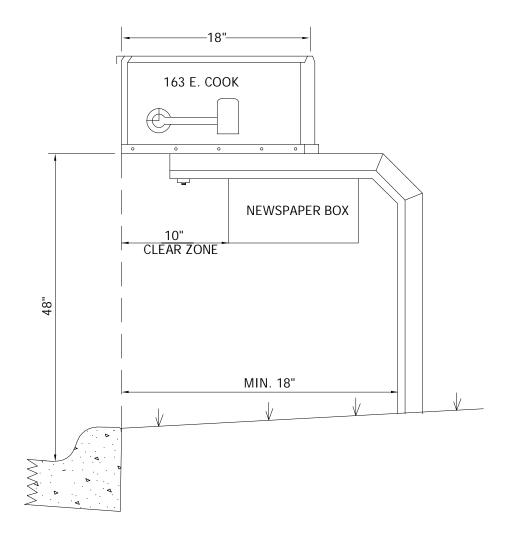


CITY OF NEW HOPE, MN



NOTES:

- * HEIGHT 48" ABOVE STREET LEVEL
- * HAVE BOX EXTEND AS FAR IN FRONT OF SUPPORT POST AS POSSIBLE. (THIS PREVENTS POSSIBLE SNOW PLOW DAMAGE).
- * ADDRESS MUST BE ON THE SIDE OF BOX FROM WHICH CARRIER APPROACHES IN LETTERS ABOUT ONE INCH HIGH (OR ON FRONT WHERE BOXES ARE GROUPED).
- * BOX MUST BE LOCATED SO CARRIER CAN SERVE WITHOUT LEAVING VEHICLE.
- * MAILBOX SHOULD NOT EXTEND BEYOND BACK OF CURB.
- * ALL POSTS TO BE A MINIMUM OF 18" BEHIND BACK OF CURB
- * DIMENSIONS AS PER US POSTAL SERVICE.

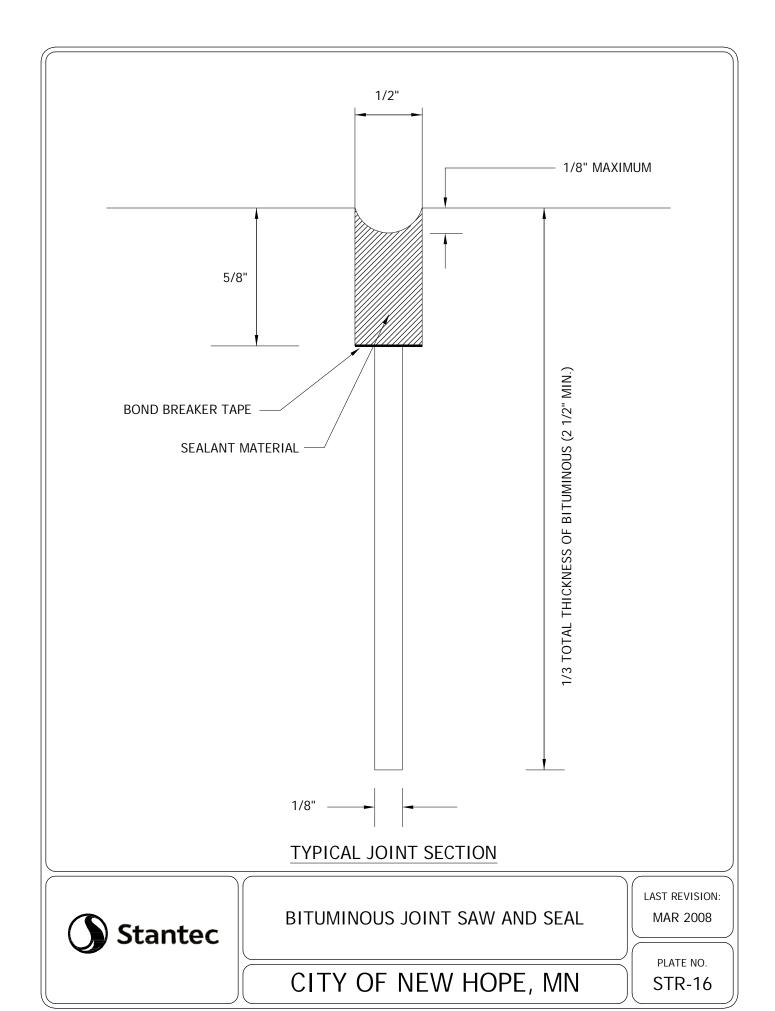


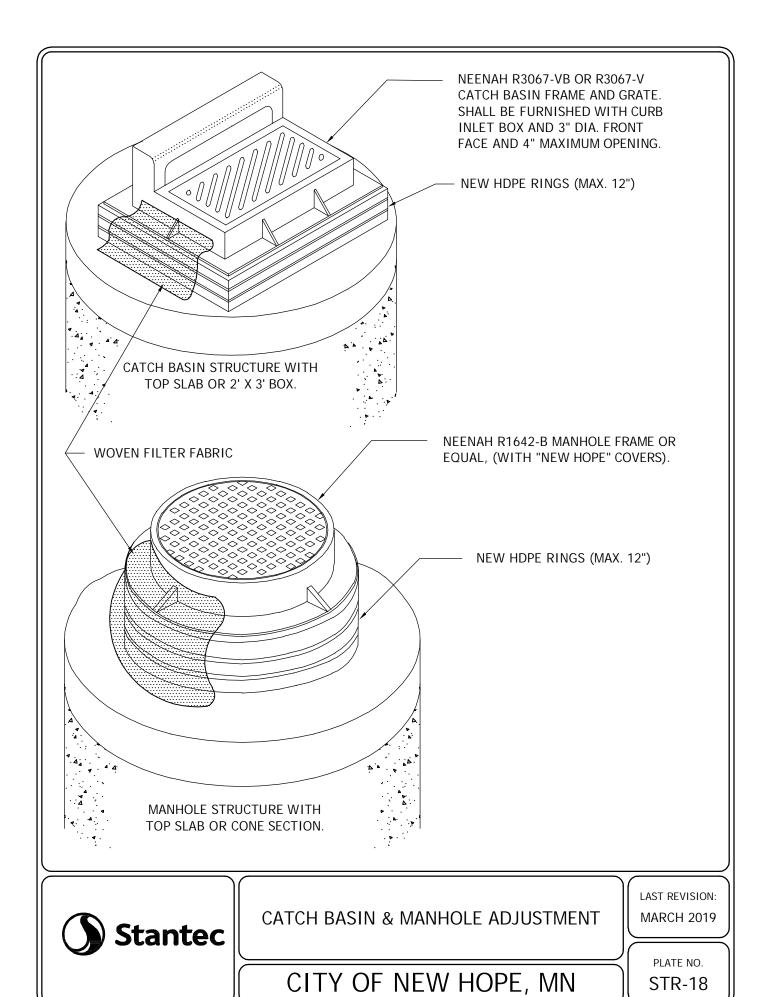


MAIL BOX INSTALLATION

CITY OF NEW HOPE, MN

LAST REVISION: DEC 2015





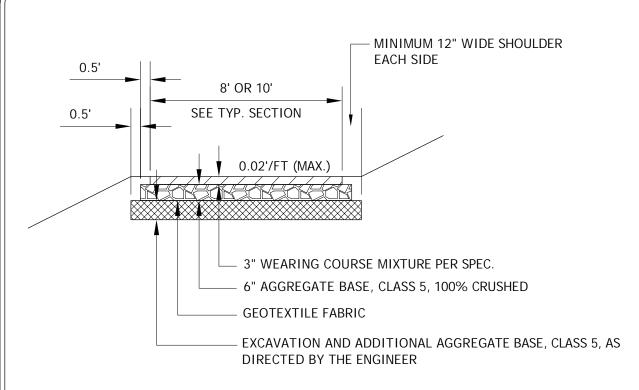
STREET SIGNS SHALL BE DIAMOND GRADE REFLECTIVE SHEETING PER MnDOT 3352.2A2g. TYPE XI ATTACH TO SIGN POST WITH 1/32" NYLON WASHER & NUT, 5/16" STAINLESS STEEL BOLTS 3. INSTALL SO BOTTOM OF SIGN PANEL IS 7' FROM FINISH GRADE. SIGN PANELS AS SPECIFIED OR AS SHOWN ON THE PLANS OR SIGN LEGEND. SIGN POSTS 1. BOTTOM SECTION: 1.5-FOOT LONG, 2.5 INCH SQUARE, 12-GAUGE, PERFORATED, GALVANIZED. 2. 4-FOOT LONG 2.25 INCH SQUARE SLEEVE. 3. TOP SECTION: 2 INCH SQUARE, 12-GAUGE, PERFORATED, GALVANIZED. 4. MINIMUM 8 FEET, MAXIMUM 12 FEET LONG (LENGTH REQUIRED TO BE DETERMINED BY THE SIZE OF THE SIGN PANEL). 5. ATTACHED TO ANCHOR SYSTEM WITH CORNER BOLT. 6. SIGN POSTS TO BE MINIMUM 6 FEET BEHIND CURB OR AS DIRECTED BY ENGINEER. TELESPAR OMNI-ANCHOR SYSTEM NOTES: ALL POSTS, HARDWARE, AND ANCHOR SYSTEMS SHALL BE TELESPAR SOLID SQUARE TUBE SYSTEMS AS DISTRIBUTED BY UNISTRUT CORPORATION, OR EQUAL. 2. BOX-OUTS SHALL BE USED WITHIN HARD SURFACED AREAS PRIOR TO SIGN PLACEMENT.



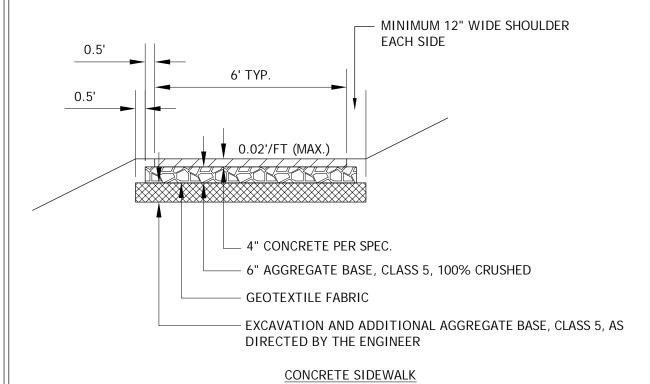
TYPICAL TRAFFIC SIGN INSTALLATION

LAST REVISION: MAR 2020

CITY OF NEW HOPE, MN



BITUMINOUS PATHWAY





TYPICAL SECTION FOR BITUMINOUS PATHWAY AND CONCRETE SIDEWALK

CITY OF NEW HOPE, MN

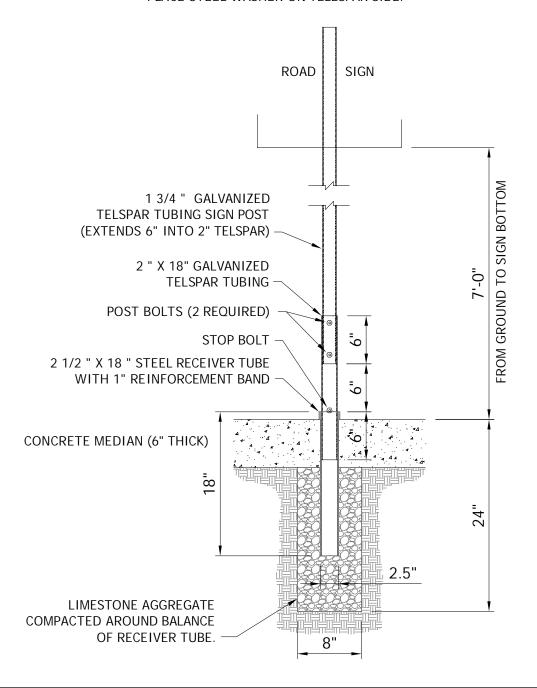
LAST REVISION: Dec. 2015

NOTES:

POST JOINT BOLTS TO BE PLACED AT 1", AND 5" HOLE SPACING.

BOLT THROUGH 11TH HOLE IS THE STOP BOLT AT THE REINFORCEMENT BAND

5/16" X 3" STAINLESS STEEL BOLT WITH NYLON INSERT LOCK NUTS. PLACE STEEL WASHER ON TELESPAR SIDE.

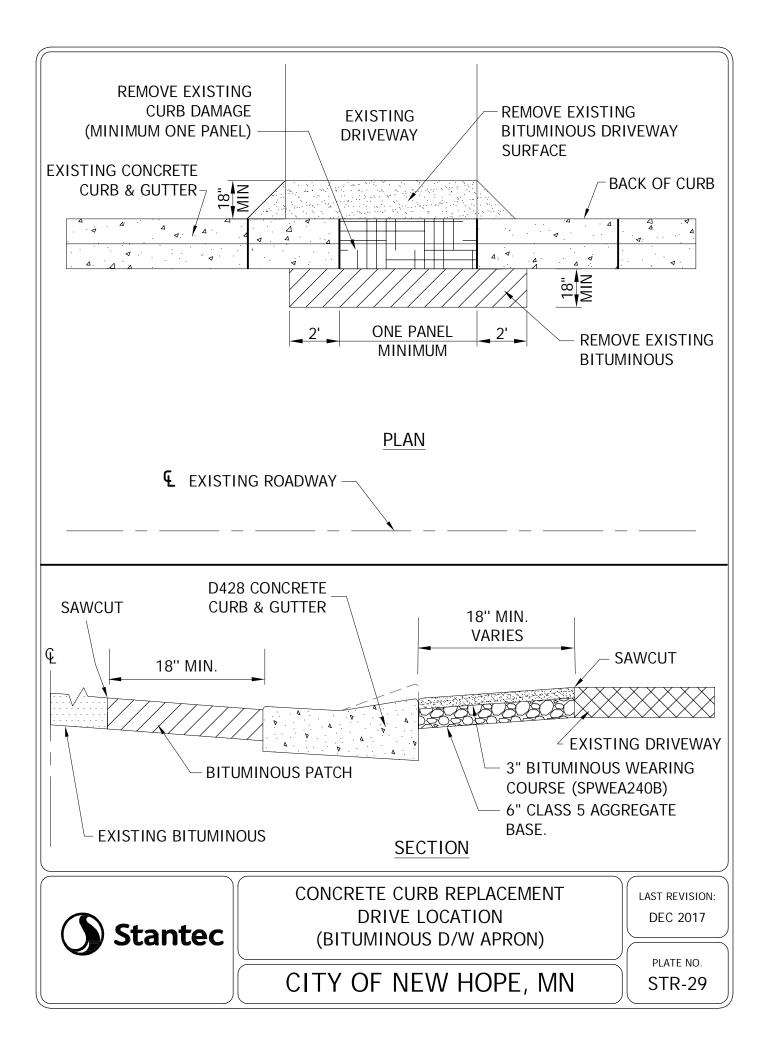


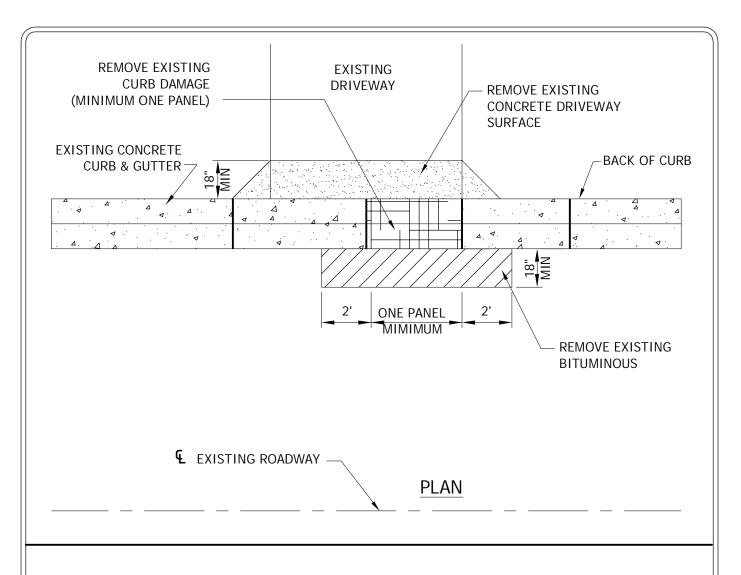


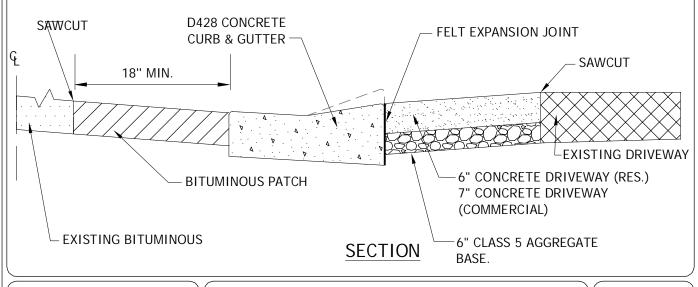
MEDIAN SIGN INSTALLATION DETAIL

CITY OF NEW HOPE, MN

LAST REVISION:
May 2015





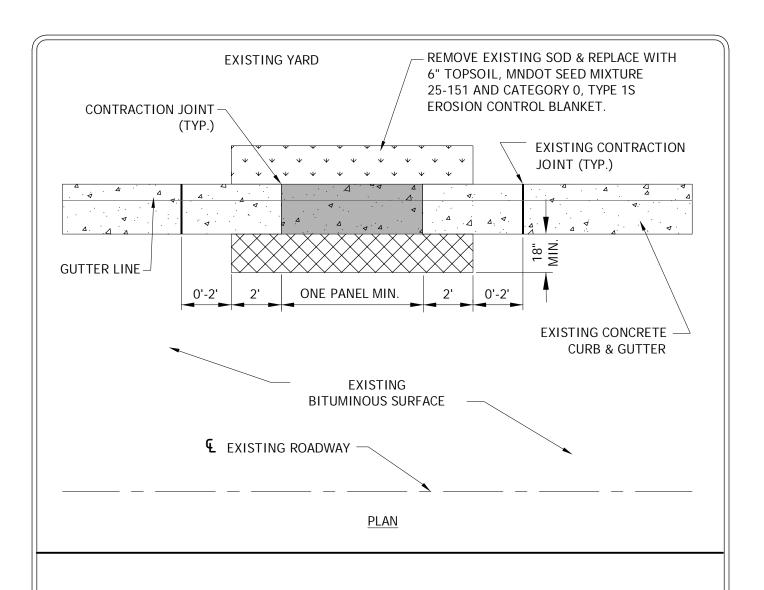


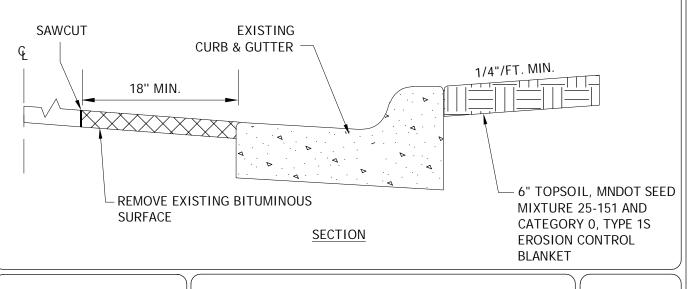


CONCRETE CURB REPLACEMENT
DRIVE LOCATION
(CONCRETE D/W APRON)

CITY OF NEW HOPE, MN

LAST REVISION: DEC 2021



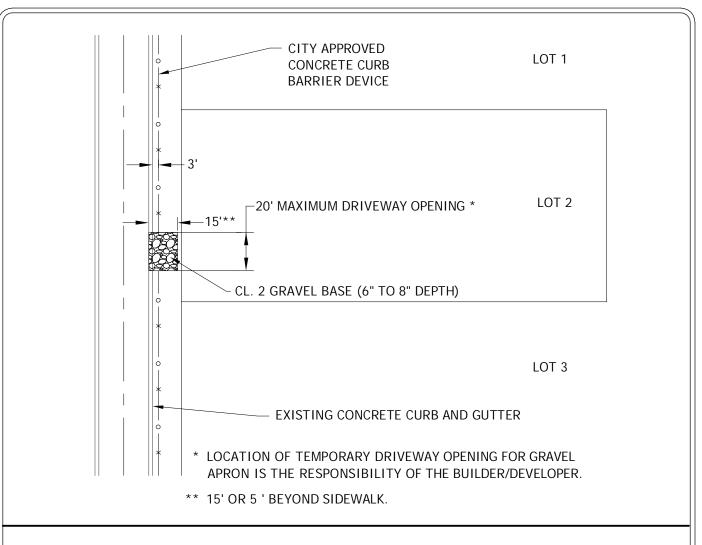


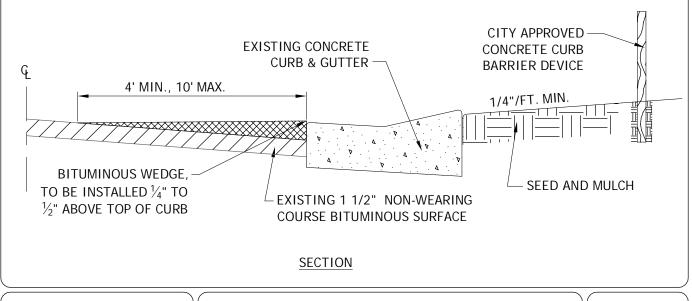


CONCRETE CURB REPLACEMENT NON DRIVEWAY LOCATION

CITY OF NEW HOPE, MN

LAST REVISION: FEB 2017



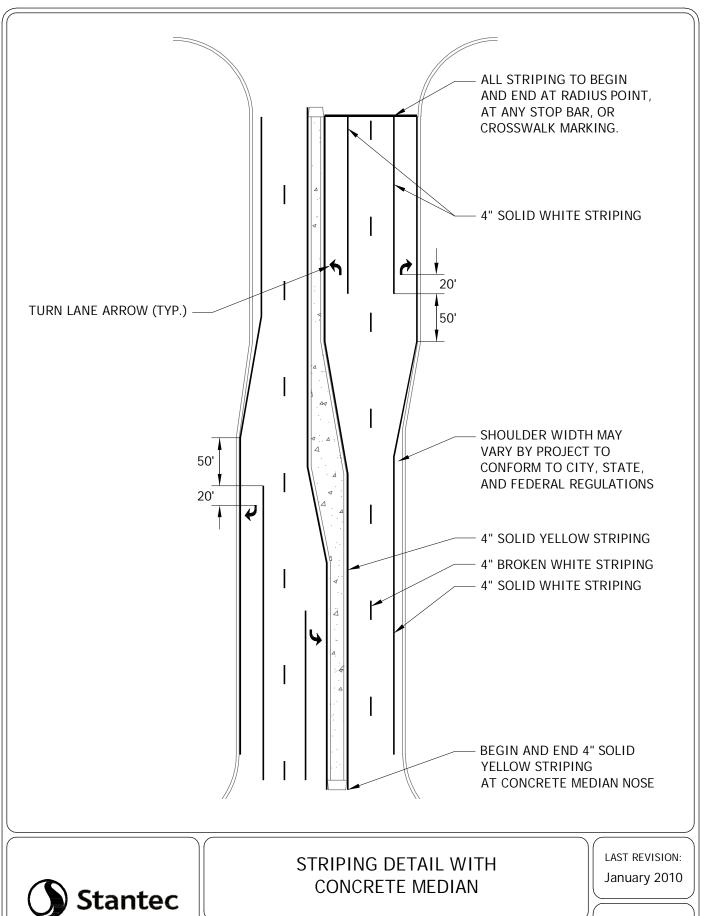




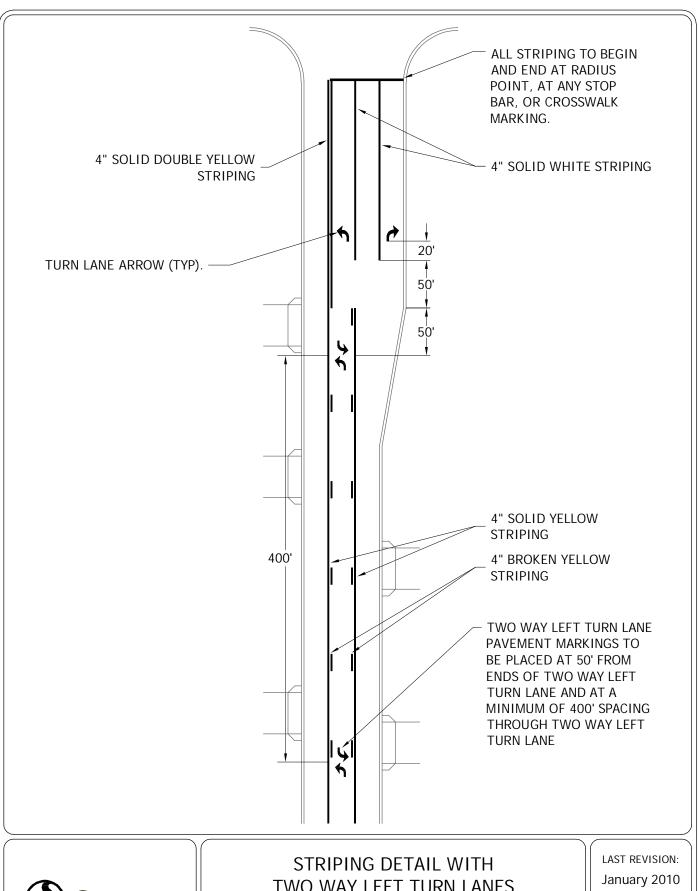
CONCRETE CURB PROTECTION

CITY OF NEW HOPE, MN

APR 2010



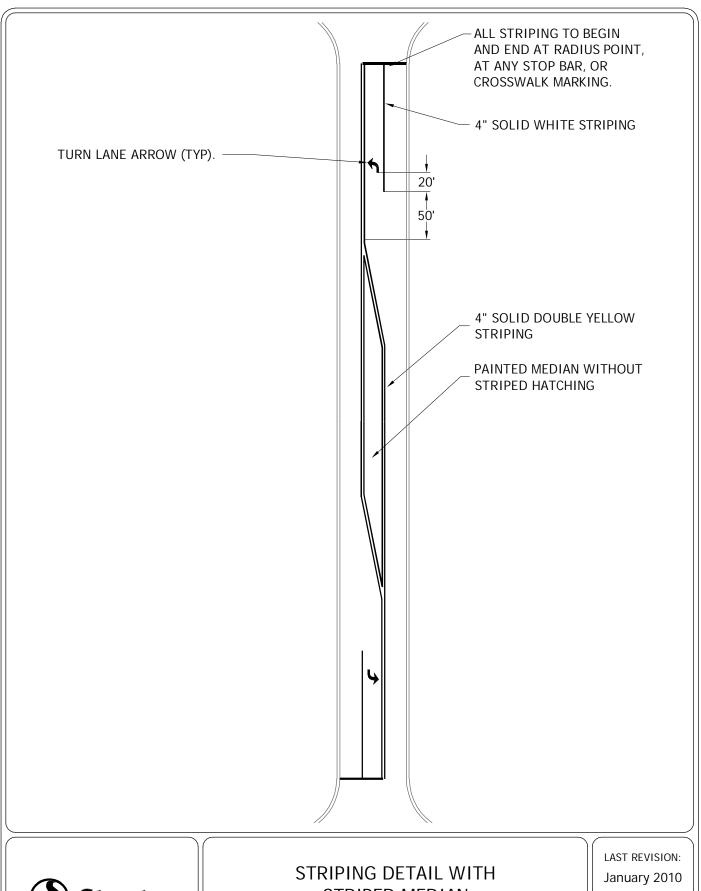
CITY OF NEW HOPE, MN





TWO WAY LEFT TURN LANES

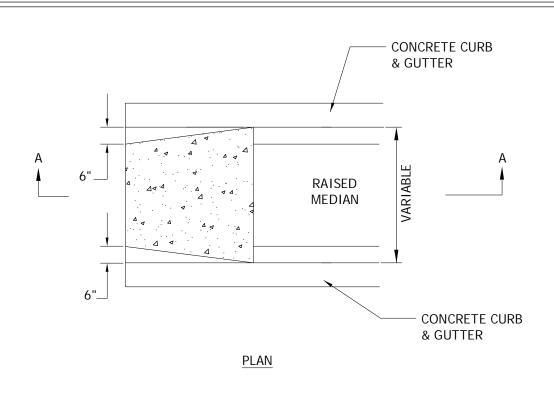
CITY OF NEW HOPE, MN

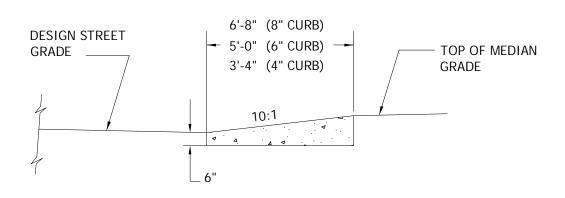


Stantec

STRIPED MEDIAN

CITY OF NEW HOPE, MN





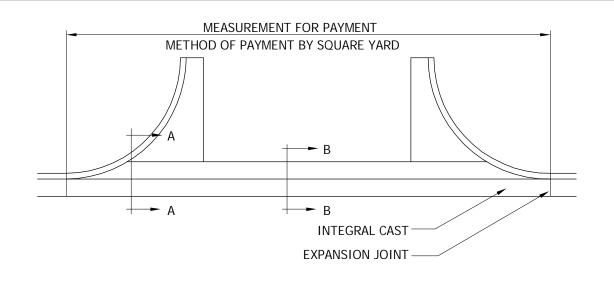
SECTION A-A

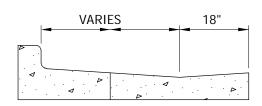


CONCRETE APPROACH NOSE DETAIL

CITY OF NEW HOPE, MN

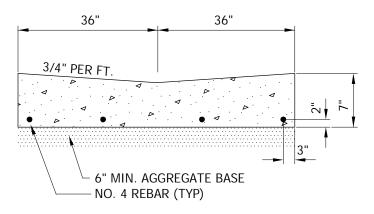
JAN 2013





SECTION A-A

THRU B618 C & G



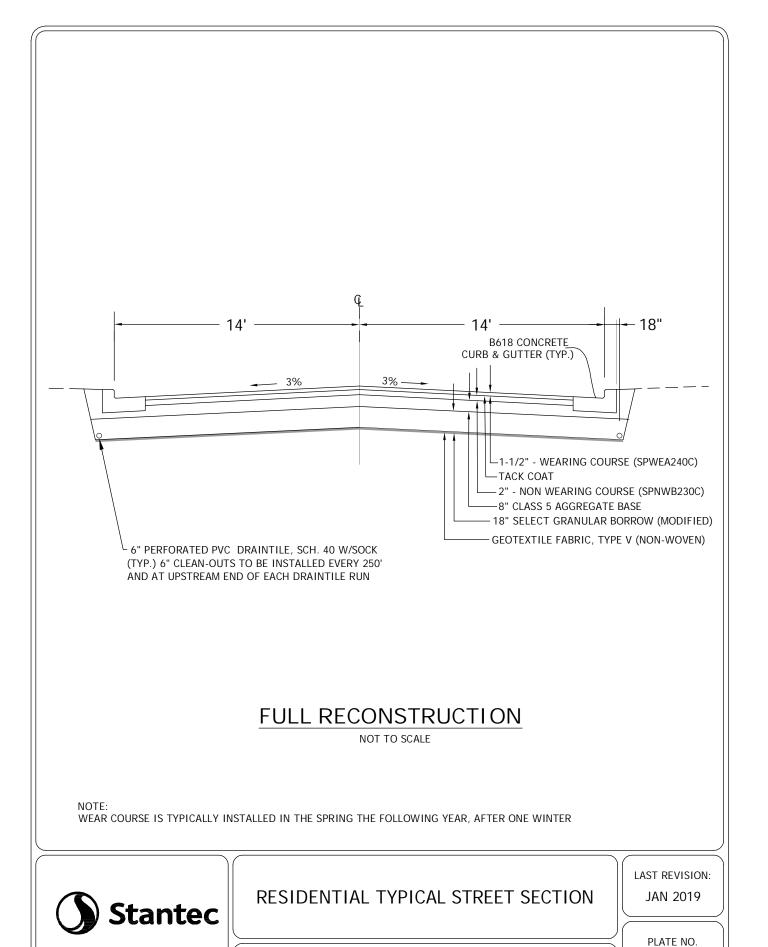
<u>SECTION B-B</u> THRU CONCRETE GUTTER



CONCRETE VALLEY GUTTER

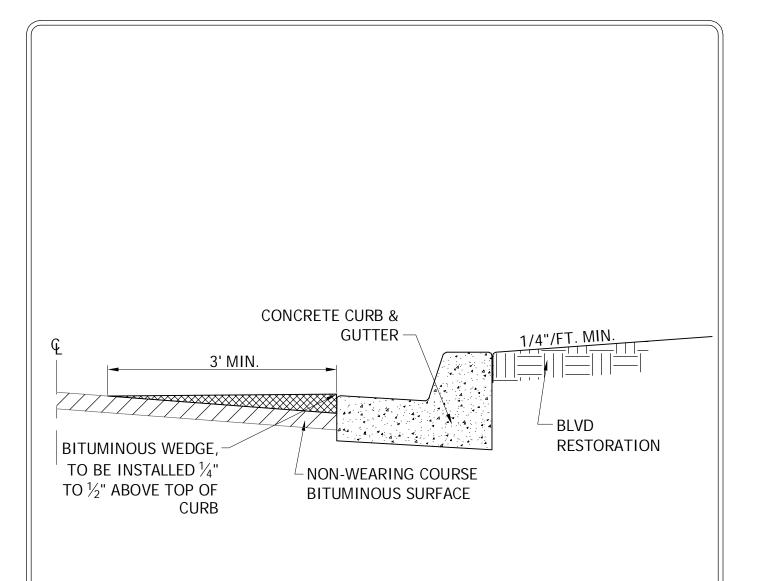
CITY OF NEW HOPE, MN

JAN 2015



CITY OF NEW HOPE, MN

STR-40





CONCRETE CURB PROTECTION
BITUMINOUS WEDGE

CITY OF NEW HOPE, MN

LAST REVISION:

FEB. 2020

PLATE NO.

STR-41