

- CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN A SAFE MANNER AT ALL TIMES AND SHALL COMPLY WITH ALL
 APPLICABLE GOVERNING REGULATIONS, INCLUDING BUT NOT LIMITED TO USHA SAFETY STANDARDS.
- ALL BACKFILL MATERIAL UP TO A HEIGHT OF 12 INCHES ABOVE THE PIPE SHALL BE CAREFULLY DEPOSITED IN UNIFORM LAYERS NOT EXCEEDING 8 INCHES THICK (LODSE MEASURE). THE MATERIAL IN EACH LAYER SHALL BE FIRMLY COMPACTED BY RAMMING DE TAMPING VITH TOOLS APPROVED BY THE VILLAGE ENGINEER IN SUCH A MANNER AS NOT TO DISTURB OR INJURE THE PIPE. THE BACKFILLING ABOVE THIS HEIGHT SHALL BE DIDNE AS NOTED BELLOV.
- JORANULAR BACKFILL MATERIAL SHALL BE PLACED AND COMPACTED AS SPECIFIED IN NOTE 2, ABOVE. THE USE OF JETTING SHALL NOT BE ALLOVED UNLESS AUTHORIZED IN WRITING BY THE VILLAGE ENGINEER. IT SHALL BE THE DESIGN ENGINEER OF CONTRACTOR'S RESPONSIBILITY OF PROVIDE APPROPRIATE JUSTICATION AND DOCUMENTATION COLL INVESTIGATION REPORTS, ETC.) TO THE VILLAGE ENGINEER WITH THE REQUEST FOR APPROVAL OF JETTING.
- FOR APPROVAL OF JETTING.

 BACKFILL METERIAL CONSISTING OF SUITABLE EXCAVATED MATERIAL SHALL BE PLACED IN LETTS DIT BANKING PLACED TO SUITABLE EXCEPTION FOR ACHIEVE AND SUITABLE STATEMENT OF STAMMING AND ACTION OF SUITABLE STATEMENT OF SUITABLE SU

SANITARY SEVER

VILLAGE OF LOMBARD

TRENCH SECTION SANITARY 5 - ANY SOLID LID CASTING SHALL HAVE A FACTORY INSTALLED SFLF—SFALING GASKF 12" MAX. RUBBERIZED OR PRECAST CONCRETE ADJUSTING RINGS (3 MAX.) <u></u> | | | 8* 24" DIA -DRESS UP JOINTS WITH HYDRAULIC CEMENT (TYP.) PLAN -----GENERAL NOTES: 6" MIN. BEDDING (CA-6 GRADATION)

- PROVIDE PRECAST REINFORCED CONCRETE BARREL AND RISER SECTIONS. CONCRETE BLOCK CONSTRUCTION IS NOT PERMITTED.
- CONSTRUCTION IS NOT PERMITTED.

 2. PROVIDE GRANULAR BACKFILL AROUND CATCHBASIN TO SUBGRADE ELEVATION IN PAVED AREAS.

 MATERIAL SHALL MEET THE REQUIREMENTS OF IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE
- MATERIAL SHALL MEET THE REQUIREMENTS OF IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," FOR COAPSE AGERGEATE (CA-E, GRADATION).

 3. APPLY A CONTINUOUS LAYER OF NON-HARDENING PREFORMEND BITUMINOUS MASTIC MATERIAL (RUB-R-NEK OR E Z STICK) TO EACH JOINT BELOW THE BOTTOM OF CONE OR FLATTOP TO PREVENT INFLOW.

 4. WHEN THE FRAME DOES NOT MEET PROPOSED ELEVATION, A MINIMUM OF TWO TAPERED RUBBERIZED ADJUSTING RINGS SHALL BE USED FOR FINAL ADJUSTMENT, ONE CONCRETE RING NOT LESS THAN TWO INCHES THICK MAY ALSO BE USED. A MAXIMUM OF THREE ADJUSTING RINGS MAY BE USED TO A MAXIMUM HEIGHT OF 12 INCHES. THE RING(S) AND FRAME SHALL BE SET ON A BED OF NON-HARDENING BILOSET MASTIC.
- NON-HARDENING BUCKET MASTIC. PRECAST ADJUSTING RINGS SHALL BE REINFORCED WITH NO. 3 GAUGE WIRE OR
- PRECASI ADJUSTING KINGS SHALL BE REINFORCED WITH NO. 3 GROUP THINK ON EQUIVALENT AND SHALL HAVE A MINIMUM THICKNESS OF TWO INCHES.
 WITHIN NON-PAVED AREAS, MORTAR SHALL ONLY BE USED TO DRESS UP ADJUSTING RINGS AND/OR FRAMES ON THE EXTERIOR OF THE STRUCTURE, MORTAR IS NOT PERMITTED ON THE INSIDE OF THE
- RINGS AND/OR FRAME.

 RINGS AND/OR FRAME.

 ONLY PLASTIC POLYMER STEPS SHALL BE USED.

 ONLY PLASTIC POLYMER STEPS SHALL BE USED.

 WHEN CATCHBASIN DEPTH IS OVER 12 FEET, THE THICKNESS OF THE PRECAST, REINFORCED CONCRETE BASE SHALL BE A MINIMUM OF 10 INCHES. WHEN CATCHBASIN DEPTH IS LESS THAN 12 FEET, THE THICKNESS SHALL BE A MINIMUM OF 8 INCHES.

 DRESS UP INTERIOR JOINTS OF PRECAST CATCHBASIN AND OPENINGS AROUND THE PIPES WITH HTDRAULIC CEMENT.

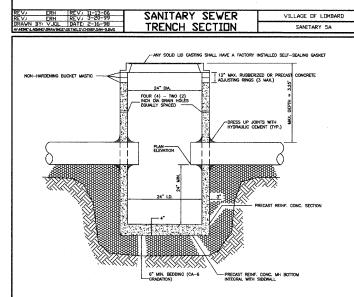
 IO. IN PAYED AREAS, DRAIN HOLES/WEEP HOLES SHALL BE COVERED WITH FILTER FABRIC. FILTER FABRIC SHALL BE SECURED TO THE OUTSIDE OF STRUCTURE PRIOR TO BACKFILL.

- 11. IN GRASSED AREAS, DRAIN HOLES/WEEP HOLES SHALL BE PLUGGED WITH HYDRAULIC CEMENT.

REV.:	ERH ERH	REV.: 12-05-05 REV.: 3-18-99	CATCH	BASIN	TYPE	Α	VILLAGE OF LOMBARD
DRAWN B	Y: VJGL	DATE: 2-16-98					STORM 3

GENERAL NOTES CONT

- 5. GRANULAR MATERIAL FOR BACKFILL AND BEDDING SHALL BE GRAVEL, CRUSHED GRAVEL DR STONE MEETING THE REQUIREMENTS OF THE IDDIT "STANDARD SPECIFICATIONS FOR RDAD AND BRIDGE CONSTRUCTION" FOR COARSE AGGREGATE CA-6 GRADATION.
- 6. MINIMUM COVER OVER THE TOP OF PIPE SHALL BE TWELVE (12) INCHES BELOW FINISHED SUBGRADE IN PAVED AREAS AND TWELVE (12) INCHES BELOW FINISHED GRADE IN LANDSCAPE AREAS.
- 7. THE BEDDING THICKNESS SHALL BE EQUAL TO ONE-QUARTER (1/4) OF THE DUTSIDE DIAMETER OF THE PIPE BUT NOT LESS THAN FOUR (4) INCHES.



GENERAL NOTES:

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 MATERIAL SHALL MEET THE REQUIREMENTS OF 10DT "STANDARD SPECIFICATIONS FOR ROAD AND

 BRIDGE CONSTRUCTION" FOR COARSE AGGREGATE (CA.—6 GRADATION).

 WHEN THE FRAME DOES NOT MEET PROPOSED ELEVATION, A MINIMUM OF TWO TAPERED RUBBERIZED

 ADJUSTING RINGS SHALL BE USED FOR FINAL ADJUSTENT, ONE CONCRETE RING NOT LESS THAN TWO

 INCHES THICK MAY ALSO BE USED. A MAXIMUM OF THREE ADJUSTING RINGS MAY BE USED TO A

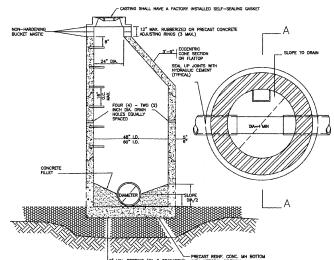
 MAXIMUM HIGGHT OF 12 INCHES. THE RING(S) AND FRAME SHALL BE SET ON A BED OF

 NON-HARDENING BUCKET MASTIC.
- PRECAST ADJUSTING RINGS SHALL BE REINFORCED WITH NO. 3 GAUGE WIRE OR EQUIVALENT AND SHALL HAVE A MINIMUM THICKNESS OF TWO INCHES. WITHIN NON-PAYED AREAS, MORTAR SHALL ONLY BE USED TO DRESS UP ADJUSTING RINGS AND/OR FRAMES ON THE EXTERIOR OF THE STRUCTURE. MORTAR IS NOT PERMITTED ON THE MISICS OF THE RINGS AND/OF FRAME.
- INDIE OF THE KINGS AND/OR FRANK.

 6. DRESS OF INTERFORE OWNERS WITH THORAUGU CEMENT.

 7. IN PAVED AREAS, DRAIN HOLES/WEEP HOLES SHALL BE COVERED WITH FILTER FABRIC. FILTER FABRIC SHALL BE SECUEDED TO THE OUTSIDE OF STRUCTURE PRIOR TO BACKFILL.
- 8. IN GRASSED AREAS, DRAIN HOLES/WEEP HOLES SHALL BE PLUGGED WITH HYDRAULIC CEMENT.

REV.: ERH REV.: 12-06-05 REV.: ERH REV.: 3-14-99	CATCH BASIN TYPE C	VILLAGE OF LOMBARD
DRAWN BY: VJGL DATE: 2-16-98	CATCH BASIN TIPE C	STORM 4



GENERAL NOTES:

- PROVIDE PRECAST REINFORCED CONCRETE BARREL AND RISER SECTIONS. CONCRETE BLOCK CONSTRUCTION IS NOT PERMITTED.

- 6. WITHIN NON-PAPED, AREA MORTAR SHALL ONLY BE USED TO DRESS UP ADJUSTING RINGS AND/OR FRAME ON THE EXTERIOR OF THE STRUCTURE. MORTAR IS NOT PERMITTED ON THE INSIDE OF THE RINGS AND/OR FRAME.
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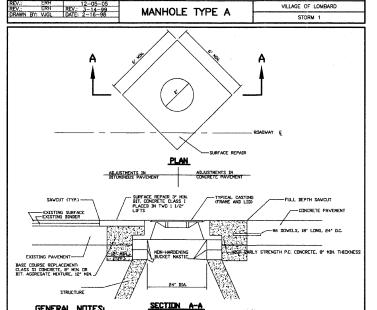
 9. DRESS UP INTERIOR JOINTS OF PRECAST MANHOLE AND OPENINGS AROUND PIPES WITH HYDRAULIC CEMENT.

 10. PAPER STEPS SMALL BE A MINIMUM OF 8 STRUCTURE PROPER TO BEACHT.

 11. ORASSED AREAS, DRAIN HOLES/WEEP HOLES SHALL BE COMERED WITH FLITER FABRIC. FILTER FABRIC.

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 12. CHAINTY SALS SMALL BE REQUIRED UNICES THE MANHOLE IS ADJUSTED TO FINAL GROVE IN ACCORDANCE WITH VILLAGE DETAIL STORM 7. CASTING ADJUSTMENTS FOR STRUCTURES IN PAVED AREAS.



GENERAL NOTES

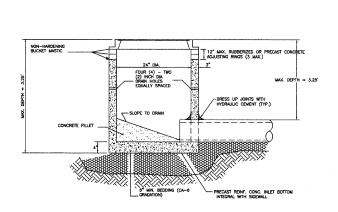
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- PRECAST ADJUSTING RINGS SHALL BE REINFORCED WITH NO. 3 GAUGE WIRE OR EQUIVALENT AND SHALL HAVE A MINIMUM THICHNESS OF TWO (2) INCHES.
- WHEN AUJUSTMENTS ARE LOCATED IN TRAVEL LANES, THEY SHALL BE PROTECTED BY A BARRICADE WITH TWO (2) FLASHING LIGHTS, TWO (2) BARRICADES EACH WITH A SINGLE FLASHING LIGHT DR COLVERED BY A DNE (1) INCH STEEL PLATE PROVIDED AND MAINTAINED BY THE CONTRACTOR UNTIL THE SURFACE RESTORATION IS COMPLETE.
- 5. WHEN ADJUSTMENTS TEMPORARILY RAISE A CASTING ABOVE THE ELEVATION OF THE PAVEMENT SURFACE, IN AREAS SUBJECTED TO VEHICULAR TRAFFIC, A BITUMINOUS RAMP SHALL BE TRANSITIONED A DISTANCE OF ONE OF FOUT HORIZONTAL FOR EACH INCH OF VERTICLE DISTANCE ABOVE THE EXISTING PAVEMENT. SUCH RAMPS SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL THE COMPLETION OF THE SURFACE RESTORATION.
- 6. FOR BOTH CONCRETE AND ASPHALT ROADS, THE BASE COURSE REPLACEMENT (CONCRETE COLLAR) SHALL BE EXTENDED DOWN TO THE TOP OF THE CONE SECTION.

REV.:	ERH	REV::08-23-06	CASTING ADJUSTMENTS FOR	VILLAGE OF LOMBARD
REV.	ERH	IREV: 07-14-99	CHOTANG PROCESTING	VALUE OF COMPAND
DRAWN I	BY: VJGL	DATE:02-16-98	STRUCTURES IN PAVED AREAS	STORM 7
L			STRUCTURES IN PRVED AREAS	STURM /

COUNTY TOTAL SHEE SECTION 61103-00148-00-PV UPAGE). ROAD DISTRICT NO. 7 ILLINOIS FED. AID PROJECT M-8003(5. CONTRACT NO. 83952



GENERAL NOTES:

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- PROVIDE GRANULAR BACKFILL AROUND INLET TO SUBGRADE ELEVATION IN PAVED AREAS. MATERIAL SHALL MEET THE REQUIREMENTS OF IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDEE CONSTRUCTION" FOR COARSE AGGREGATE (CA-6 GRADATION.)
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- 6. IN PAVED AREAS, DRAIN HOLES/WEEP HOLES SHALL BE COVERED WITH FILTER FABRIC. FILTER FABRIC SHALL BE SECURED TO THE OUTSIDE OF STRUCTURE PRIOR TO BACKFILL
- 7. IN GRASSED AREAS, DRAIN HOLES/WEEP HOLES SHALL BE PLUGGED WITH HYDRAULIC CEMENT.

VILLAGE OF LOMBARD INLET TYPE A STORM 2

ILLINOIS DEPARTMENT OF TRANSPORTATION **DETAILS** NAME MAIN STREET DATE: 11/26/07 DESIGNED BY: SJC