

5. DRAIN ADAPTER SHALL BE CUSTOM MANUFACTURED AS A SINGLE UNIT ACCORDING TO PLAN DIMENSIONS. RISERS SHALL NOT BE ALLOWED WITHOUT PRIOR

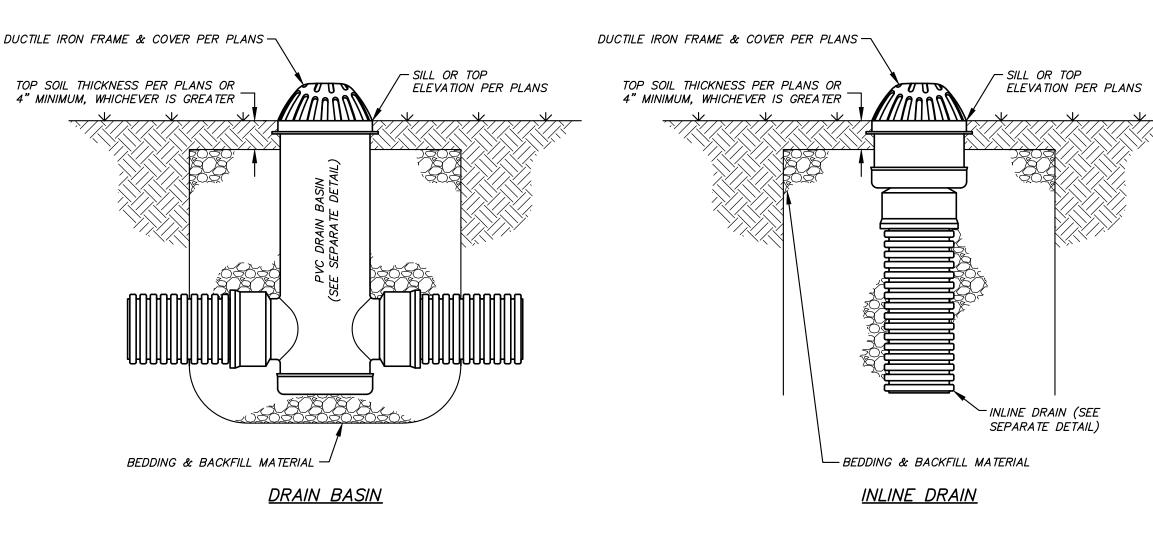
3. ALL FRAMES & GRATES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05, OR 80-55-06.

4. ALL STANDARD OR SOLID GRATES SHALL BE MEET H-20 LOAD RATING. DOME GRATES HAVE NO LOAD RATING.

6. DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE & PVC PIPE.

PVC INLINE DRAIN & GRATE NOT TO SCALE

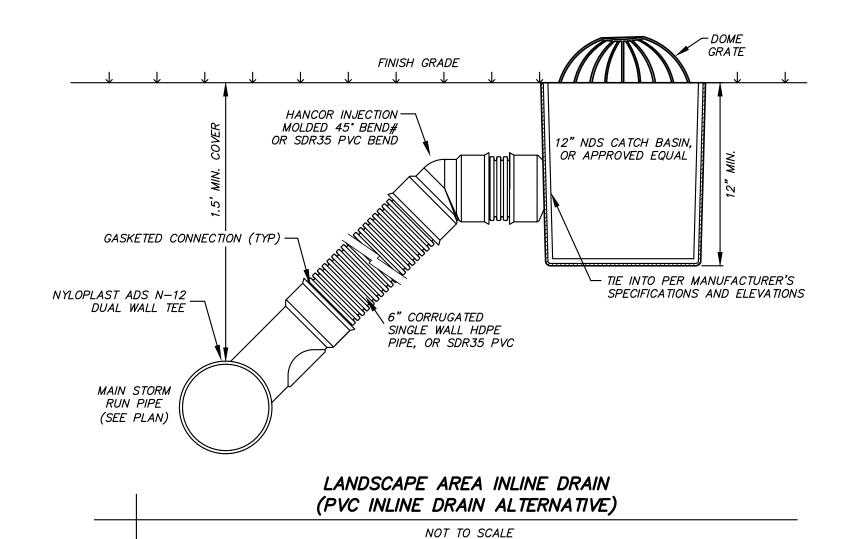
PVC DRAIN BASIN & GRATE

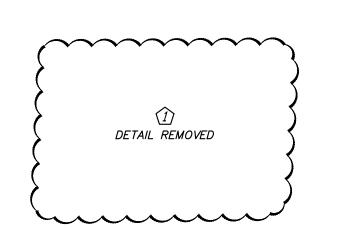


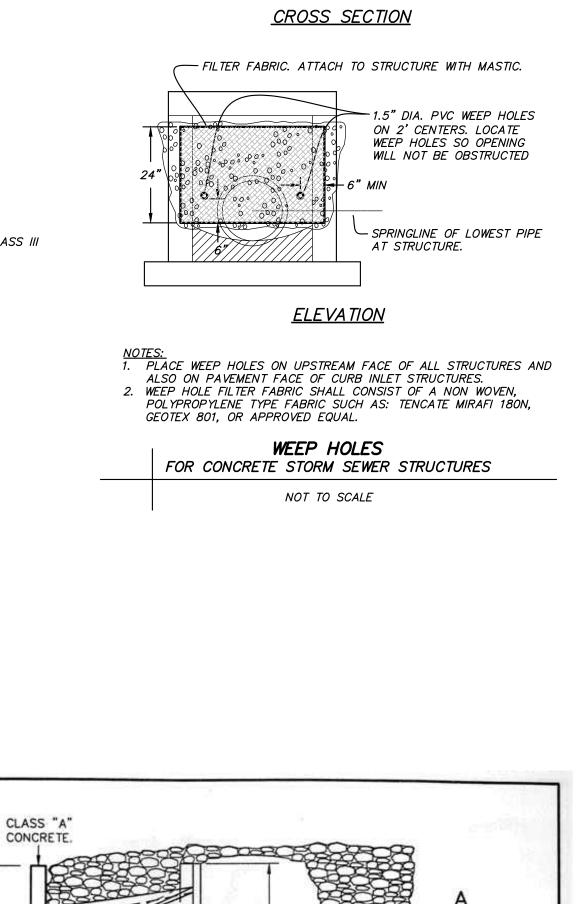
NOTES:

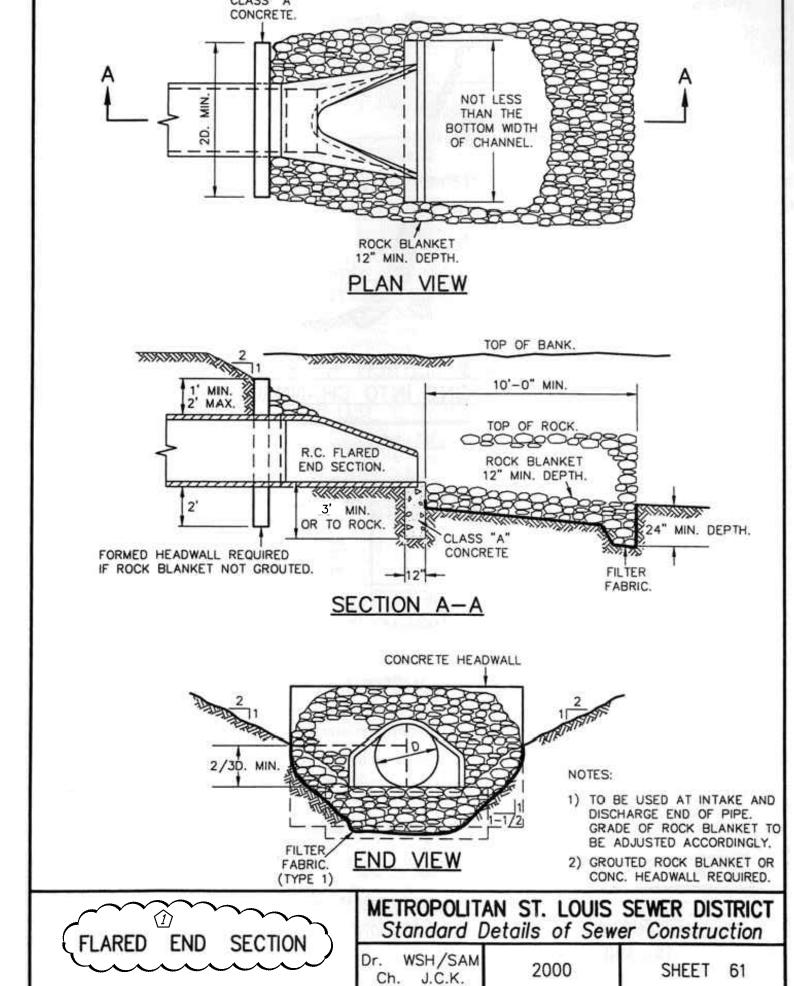
1. THE BEDDING & BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS I, CLASS II, OR CLASS III
MATERIAL AS DEFINED IN ASTM D2321. ALL BEDDING & BACKFILL SHALL BE PLACED & COMPACTED UNIFORMLY IN LIFTS TO 95% STANDARD PROCTOR IN

PVC BASIN/DRAIN INSTALLATION FOR NON-TRAFFIC/GREENSPACE AREAS ONLY NOT TO SCALE









PLANNING & ZONING #22-005740 APPROVED JULY 7, 2022

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FILTER FABRIC.

STRUCTURE WITH

" CLEAN CRUSHED

ROCK TO 6" BELOW

ATTACH TO

MASTIC.

DRAIN HOLES.

ON 2' CENTERS.

`1.5" DIA. PVC WEEP HOLES

S 

10/5/2022 LOHSANDT NUMBER KELLY A. LOHSANDT PROFESSIONAL ENGINEER PE-2021032813 IF ORIGINAL SIGNATURE OR DIGITAL AUTHENTICATION IS NOT PRESENT THE

MEDIA SHOULD NOT BE CONSIDERED. CERTIFIED DOCUMENT.

**JULY 27, 2022** 

Revised  $\widehat{I}$  CITY COMMENTS OCT. 5, 2022

Design: KAL Drawn: BR

STORM SEWER DETAILS

C11.02

ES&S PROJECT NO. 15511