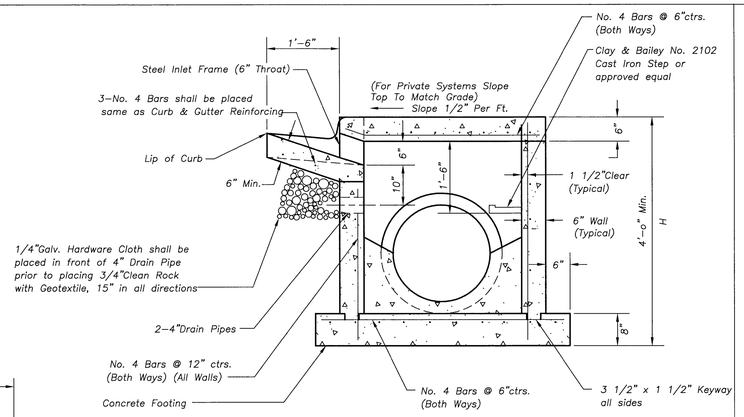
NOTES:

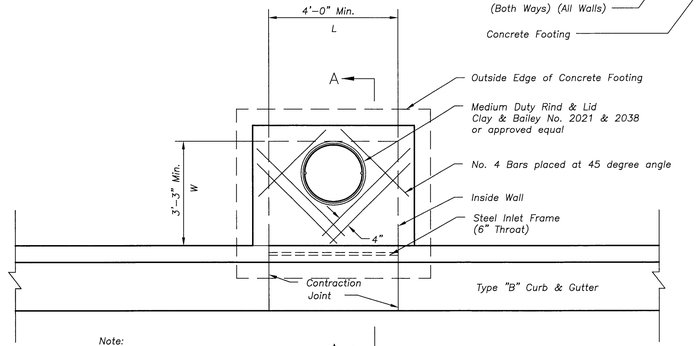
1. Use Class "A" Concrete (AE) throughout.
2. The First Dimension listed in the Construction Notes is the "L" Dimension. The Second Dimension is the "W" Dimension.
3. Floor of Inlet shall be shaped with Non–Reinforced Class "A" Concrete (AE) Invert to provide Smooth Flow
4. Transition of Curb & Gutter and Inlet Throat shall be paid for as Concrete Curb & Gutter.
5. Cast Iron Steps shall be spaced at 1'–4" O.C. Vertically
6. Bevel all Exposed Edges with 3/4" Triangular Moulding.
7. On–Grade Inlets shall conform to the Pavement Grade and Sump Inlets shall be Level.
8. 8" Solid Concrete Block or Brick may be used in Walls in Lieu of Poured Concrete where neither "H"+"L" nor "H"+"W" (In Feet) Exceed Fourteen. Block or Brick may be used in any Box where "H" is 5' or less.
9. All Crushed Stone used as Aggregate for Concrete Construction shall be obtained from Quarries and Beds designated by the Kansas Department of Transportation as meeting Durability Requirements of Class 1 or Class 6, as shown on file in the office of the City Engineer.



SECTION A–A

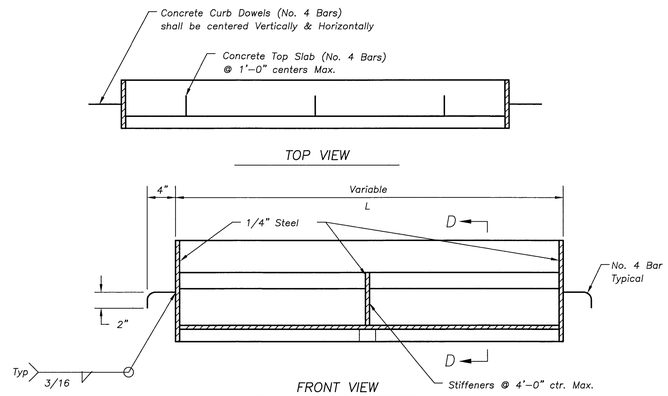
NON-SETBACK CURB INLET 400

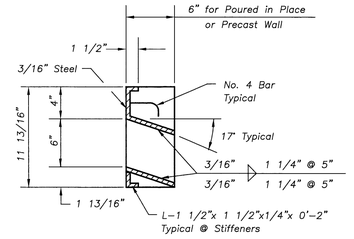
USE STEEL INLET FRAME WITH 6" THROAT
PARKING LOTS ONLY



Note:
Transition Curb and Gutter to Match Proposed Curb Inlet in 3' (Typical Both Sides).

PLAN



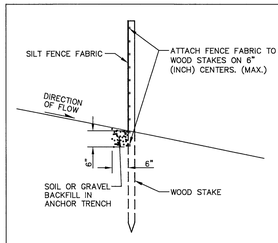


Notes:

1. All Welds shall be performed in accordance with appropriate AWS Specifications & Procedures.
2. All Welds on Exposed Surfaces shall be dressed so as to provide a pleasing finished appearance.
3. The Entire Frame shall be Hot Dip Zinc in Accordance ASTM A–153.

STEEL INLET FRAME (6" THROAT)

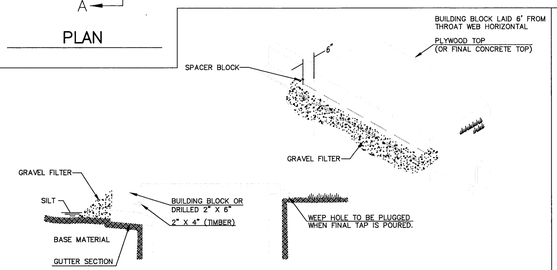
FOR USE WITH NON–SETBACK CURB INLET



SECTION A–A

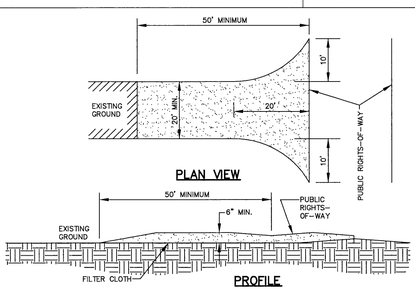
NOTES:

1. FULL THROAT IS AVAILABLE FOR HEAVY FLOW.
2. EXPANDED METAL OR HARDWARE CLOTH IN FRONT OF BLOCK PREVENTS GRAVEL FROM WASHING INTO STRUCTURE.
3. 2" x 4" BEHIND BLOCK AND ACROSS THROAT HELPS KEEP BLOCK IN PLACE. PLACE IN OUTER HOLE OF SPACER BLOCK.
4. GUTTER BUDDY AS MANUFACTURED BY SI GEOSYSTEMS, OR ENGINEER APPROVED EQUAL WILL BE ALLOWED AS ALTERNATES TO STANDARD BLOCK AND GRAVEL INLET PROTECTION SHOWN.



BLOCK & GRAVEL INLET PROTECTION

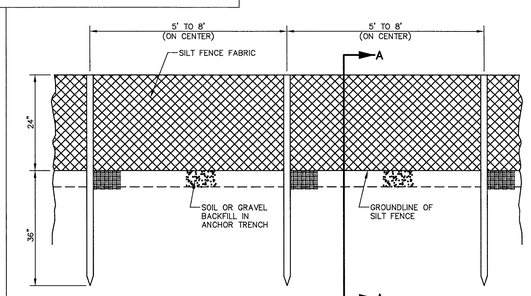
NOT TO SCALE



CONSTRUCTION ENTRANCE NOTES:

1. STONE SIZE – USE 2" STONE OR RECLAIMED OR RECYCLED EQUIVALENT. EXISTING ASPHALT PAVEMENT MAY BE USED AS A STABALIZED SURFACE.
2. LENGTH – AS REQUIRED, BUT NOT LESS THAN 50 FEET.
3. THICKNESS – NOT LESS THAN (6) INCHES.
4. WIDTH – TWENTY (20) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
5. FILTER CLOTH – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 3:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS–OF–WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS–OF WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING – WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS–OF–WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AS NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.
10. CONTRACTOR MAY USE EXISTING SITE ENTRANCE IF STABILIZED

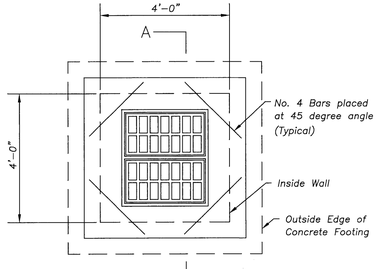
CONSTRUCTION ENTRANCE DETAIL 047



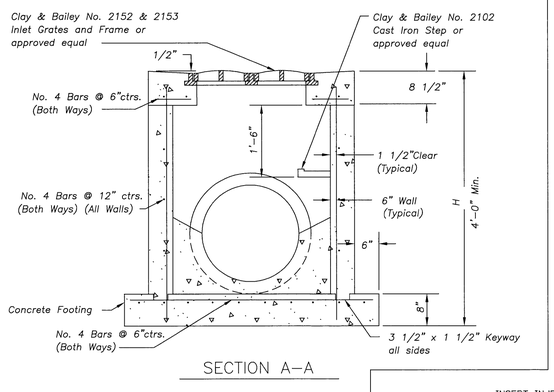
SEDIMENTATION FENCE 812

NOTES:

1. *Use Class "A" Concrete (AE) throughout.*
2. *Floor of Inlet shall be shaped with Non–Reinforced Cllass "A" Concrete (AE) Invert to provide Smooth Flow*
3. *Cast Iron Steps shall be spaced at 1'–4" O.C. Vertically*
4. *Bevel all Exposed Edges with 3/4" Triangular Moulding.*
5. *8" Solid Concrete Block or Brick may be used in Walls in Lieu of Poured Concrete where neither "H"+"L" nor "H"+"W" (In Feet) Exceed Fourteen. Block or Brick may be used in any Box where "H" is 5' or less.*
6. *All Crushed Stone used as Aggregate for Concrete Construction shall be obtained from Quarries and Beds designated by the Kansas Department of Transportation as meeting Durability Requirements of Class 1 or Class 6, as shown on file in the office of the City Engineer.*



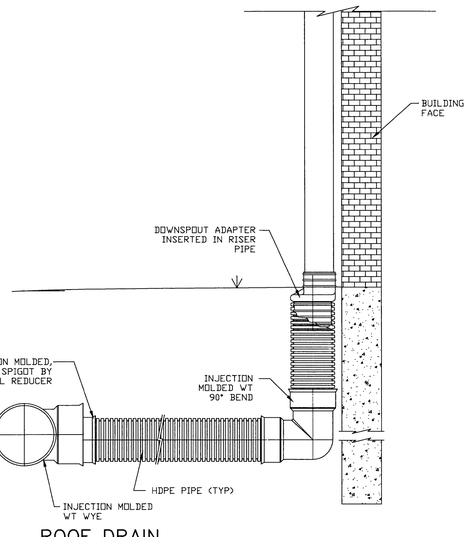
PLAN



SECTION A–A

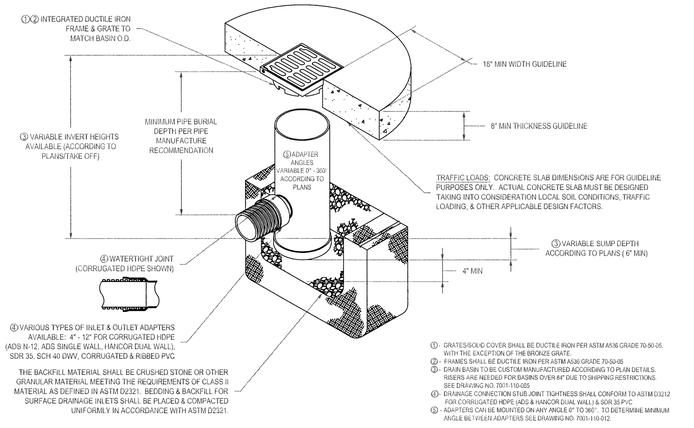
GRATE INLET 401

NOT FOR GENERAL USE
USE ONLY WITH APPROVAL OF CITY ENGINEER



ROOF DRAIN 403

NYLOPLAST 12" DRAIN BASIN: 2812AG _ _ X



NYLOPLAST DRAIN BASIN 402

PROJECT MANAGER: DAVID D.WOOD
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PROJECT No.: C08D4451
CFN: 4451DET.dwg

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DAVID D. WOOD LICENSED 19434 11-19-08 KANSAS PROFESSIONAL ENGINEER

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Wichita, KS 67207

Issue Record:

1	11/07/08	Permit Issue
2	11/19/08	City Comments

Revisions:

DDG Project No. 01140

DETAIL SHEET

C 008

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