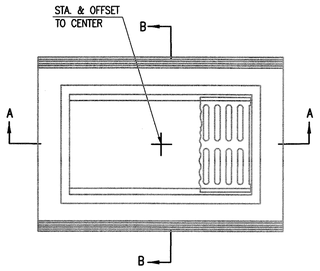


PLAN

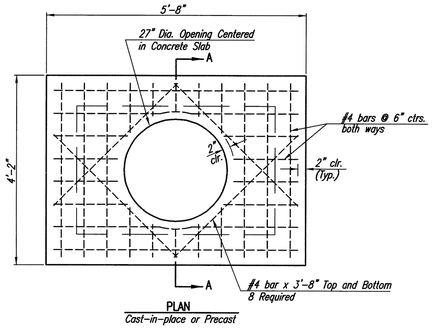
GENERAL NOTES

CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 P.S.I.

CONCRETE TOPS WHEN PRECAST SHALL BE INSTALLED ON A THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG EXISTING BRICK WALLS.

THE CONTRACTOR SHALL REMOVE PORTIONS OF EXISTING INLET AS SHOWN ON PLANS. ALL MATERIALS FROM EXISTING INLET SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.

"AREA INLET ADJUSTMENT" SHALL BE PAID FOR AT THE UNIT PRICE BID PER EACH IN PLACE INCLUDING CONCRETE, REINFORCING, STEEL, DEBRIS REMOVAL, EXCAVATION AND ALL OTHER MISCELLANEOUS MATERIALS, LABOR, TOOLS, EQUIPMENT AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.



PLAN
Cast-in-place or Precast

GENERAL NOTES

CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 P.S.I.

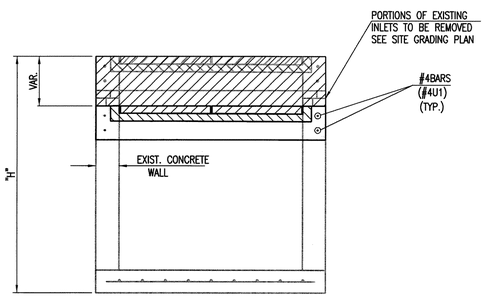
ALL DIMENSIONS RELATIVE TO REINFORCING STEEL ARE TO CENTERLINE OF BAR UNLESS OTHERWISE NOTED. ALL REINFORCING STEEL SHALL CONFORM TO A.S.T.M. DESIGNATION A615 GRADE 60. CLEARANCE SHALL BE 2" UNLESS OTHERWISE NOTED.

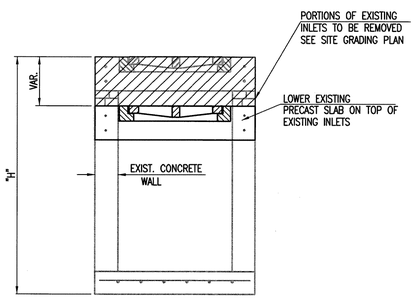
CONCRETE TOPS WHEN PRECAST SHALL BE INSTALLED ON A THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG EXISTING BRICK WALLS.

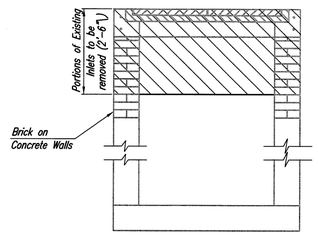
THE CONTRACTOR SHALL REMOVE PORTIONS OF EXISTING INLET AS SHOWN ON PLANS. ALL MATERIALS FROM EXISTING INLET SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.

CONCRETE SLAB MAY BE CAST-IN-PLACE OR PRECAST AT THE CONTRACTOR'S OPTION.

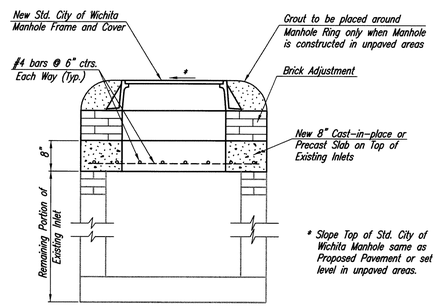
"INLET MODIFICATIONS" SHALL BE PAID FOR AT THE UNIT PRICE BID PER EACH IN PLACE INCLUDING CONCRETE, REINFORCING, STEEL, DEBRIS REMOVAL, EXCAVATION AND ALL OTHER MISCELLANEOUS MATERIALS, LABOR, TOOLS, EQUIPMENT AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.







EXISTING INLET SECTION



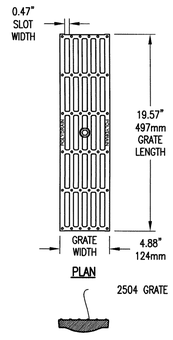
TYPICAL INLET SECTION A-A

EXISTING AREA INLET MODIFICATION DETAILS

SECTION A-A

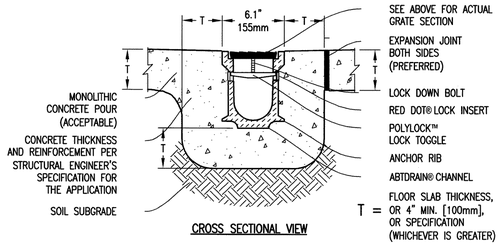
SECTION B-B

EXISTING AREA INLET ADJUSTMENT DETAILS



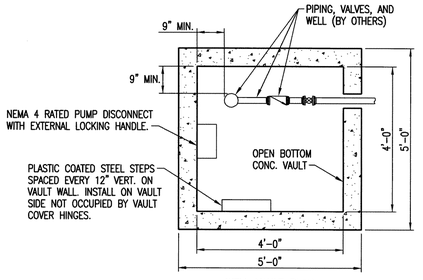
PLAN

SECTION

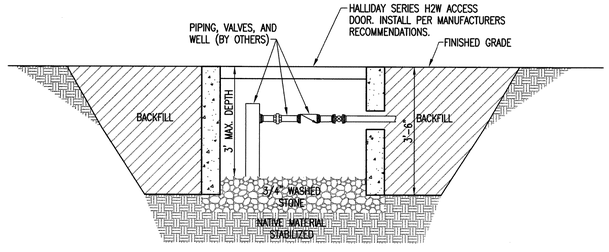


CROSS SECTIONAL VIEW

DUCTILE IRON SLOTTED GRATE (2504)



WELL VAULT PLAN



WELL VAULT SECTION

NOTES:
1. CONCRETE WELL VAULT SHALL BE DESIGNED IN ACCORDANCE WITH AASHTO H-20-44 TRAFFIC LOADING, USING 5,500 PSI COMPRESSION STRENGTH CONCRETE AND 60,000 PSI YIELD STRENGTH ASTM A-706 STEEL REINFORCING AT A MINIMUM.

2. VAULT COVER SHALL BE DESIGNED IN ACCORDANCE WITH AASHTO H-20-44 LIGHT TRAFFIC. COVER SHALL BE STAINLESS STEEL, SLAMLOCK TYPE WITH SPRING ASSIST AND LOCKING HASP, HALLIDAY PRODUCTS MODEL H2W4848 OR EQUAL.

3. VAULT SHALL BE PLACED ON 6" BASE OF 3/4" WASHED, CRUSHED STONE.

4. VAULT SHALL BE FILLED TO A MINIMUM DEPTH OF 3' BELOW GRADE WITH 3/4" WASHED, CRUSHED STONE.

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O:\JOB\10468\002\10468-002-C-AREA INLET ADJUST

PRINTS ISSUED

DATE	PURPOSE	NO.
06/20/11	FOR BID	

SEDGWICK COUNTY
COLEMAN PARKING LOT
WICHITA, KANSAS

LawKingdon Architecture
Engineering · Planning · Interiors · Landscapes

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345 RIVERVIEW, WICHITA, KS 67203
Phone (316) 268-0230 Fax: (316) 268-0205

CONTACT: BENJAMIN M. MABRY, P.E.

PROJECT NUMBER:
10422

SHEET TITLE:
AREA INLET ADJUSTMENT/ VAULT DETAILS

SHEET NUMBER:
C2.2

BENJAMIN M. MABRY — 20923 — 6/20/11 — LICENSED PROFESSIONAL ENGINEER — KANSAS

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