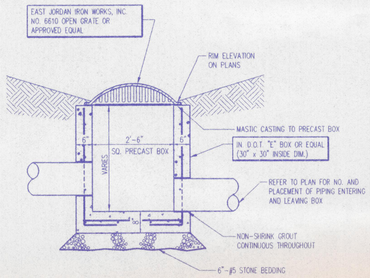
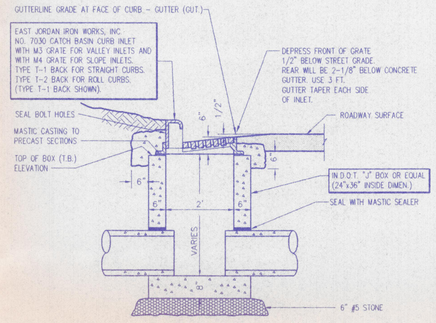


AREA INLET DETAIL

TYPE "E-6610" SCALE: N.T.S.



CURB INLET DETAIL

TYPE "J-7030" SCALE: N.T.S.

TOP VIEW

SIDE VIEW

END VIEW

PIPE DIA.	WGT. (LBS)	WALL	A	B	C	D	E	G	R	SLOPE
12"	530	2"	5"	2'-0"	4'-7/8"	6'-0 7/8"	2'-0"	2"	9"	2:1
15"	740	2 1/4"	6"	2'-3"	3'-10"	6'-1"	2'-6"	2 1/4"	11"	2:1
18"	990	2 1/2"	10"	2'-3"	3'-10"	6'-1"	3'-0"	2 1/2"	13"	2:1
21"	1280	2 3/4"	10"	2'-11"	3'-2"	6'-1"	3'-6"	2 3/4"	15"	2:1
24"	1520	3"	10"	3'-7 1/2"	2'-6"	6'-1 1/2"	4'-0"	3"	14"	2:1
27"	1930	3 1/4"	10 1/2"	4'-0"	2'-1 1/2"	6'-1 1/2"	4'-6"	3 1/4"	14 1/2"	3:1
30"	2190	3 1/2"	1'-0"	4'-6"	1'-7 3/4"	6'-1 3/4"	5'-0"	3 1/2"	16"	3:1
33"	3000	3 3/4"	1'-1 1/2"	4'-10 1/2"	1'-3 1/4"	6'-1 3/4"	5'-6"	3 3/4"	17 1/2"	3:1
36"	4100	4"	1'-3"	5'-3"	2'-10 3/4"	8'-1 3/4"	6'-0"	4"	20"	3:1
42"	5380	4 1/2"	1'-9"	5'-3"	2'-11"	8'-2"	6'-6"	4 1/2"	22"	3:1
48"	6550	5"	2'-0"	6'-0"	2'-2"	8'-2"	7'-0"	5"	23"	3:1
54"	8240	5 1/2"	2'-3"	5'-5"	2'-11"	8'-4"	7'-6"	5 1/2"	24"	2:1
60"	8730	6"	2'-11"	5'-0"	3'-3"	8'-3"	8'-0"	5"	*	2:1
66"	10710	6 1/2"	2'-6"	6'-0"	2'-3"	8'-3"	8'-6"	5 1/2"	*	2:1
72"	12520	7"	3'-0"	6'-6"	1'-9"	8'-3"	9'-0"	6"	*	1.86:1
78"	14770	7 1/2"	3'-0"	7'-6"	1'-9"	9'-3"	9'-6"	6 1/2"	*	1.82:1
84"	18160	8"	3'-0"	7'-6 1/2"	1'-9"	9'-3 1/2"	10'-0"	6 1/2"	*	1.5:1

CONCRETE END SECTION DETAIL

NO SCALE

DESIGNATION	STRUCTURE TYPE	CASTING	COVER/ GRATE
1701	12" CONC. END SECETION	--------	---
1702	C.I.-TYPE "J"	E.J. 7030	M4
1703	C.I.-TYPE "J"	E.J. 7030	M4
1704	A.I.-TYPE "E"	E.J. 6610	---
1705	A.I.-TYPE "E"	E.J. 6610	---
1706	C.I.-TYPE "J"	E.J. 7030	M4
1707	C.I.-TYPE "J"	E.J. 7030	M4
1708	24" CONC. END SECETION	--------	---
1709	C.I.-TYPE "J"	E.J. 7030	M4
1710	C.I.-TYPE "J"	E.J. 7030	M4
1711	24" CONC. END SECETION	--------	---
1712	24" CONC. END SECETION	--------	---
* 1713	24" CONC. END SECETION	--------	---
1714	12" CONC. END SECETION	--------	---
1715	C.I.-TYPE "J"	E.J. 7030	M4
1716	C.I.-TYPE "J"	E.J. 7030	M4
1717	12" CONC. END SECETION	--------	---
1718 *	12" CONC. END SECETION	--------	---
1719	12" CONC. END SECETION	--------	---

STORM STRUCTURE TABLE

GENERAL NOTES

- THE FOLLOWING LOCAL GOVERNMENTAL AGENCY SHALL BE NOTIFIED 24 HOURS PRIOR TO BEGINNING WORK AND ON A DAILY BASIS WHEN PERFORMING THE WORK LISTED BELOW:

  STORM SEWERS, STREET SUBGRADE, STREETS:
  VANDERBURGH COUNTY ENGINEER 812-435-5773

GENERAL SITE

- WORK COVERS ALL EARTHWORK, SEWERS, PAVING AND OTHER RELATED WORK FOR THE DEVELOPMENT OF "ST. CHARLES COVE"
- THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL CODES, ORDINANCES, RULES, REGULATIONS, ORDERS AND OTHER LEGAL REQUIREMENTS OF MUNICIPAL AUTHORITIES WHICH BEAR ON THE PERFORMANCE OF THE WORK.
- ALL FIELD ENGINEERING SHALL BE SUPPLIED BY THE OWNER.

EXCAVATING

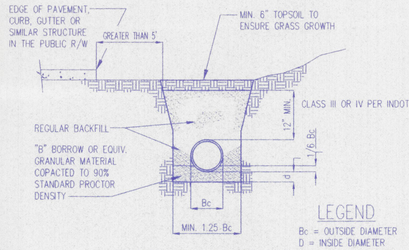
- ROADWAY SUBGRADE COMPACTION TESTS SHALL BE PERFORMED AT CONTRACTORS EXPENSE.
- SUFFICIENT SOIL SAMPLES ARE TO BE TAKEN BY THE CONTRACTOR FROM THE ROADWAY SUBGRADE AFTER THE TOPSOIL IS REMOVED OR FROM BORROW AREAS IN ORDER TO OBTAIN ACCURATE PROCTOR VALUES FOR SUBSEQUENT SUBGRADE DENSITY TESTING.
- SUBGRADE IS TO BE COMPACTED IN ACCORDANCE WITH VANDERBURGH COUNTY ROAD STANDARDS.
- SUBGRADE DENSITY IS TO BE TESTED AT A MINIMUM OF ONE TEST PER SECTION OF ROADWAY CONNECTED BY AN INTERSECTION. OTHERS MAY BE REQUESTED AT THE DISCRETION OF THE INSPECTOR OR ENGINEER.
- DRAWINGS DO NOT REPRESENT A BALANCE BETWEEN BORROW AND FILL MATERIAL.

STORM SEWERS

- STORM DRAINAGE SYSTEM TO BE IN TEMPORARY SERVICE FOR SITE DRAINAGE DURING CONSTRUCTION AND MUST BE CLEANED BEFORE CONSIDERATION FOR MAINTENACE ACCEPTANCE.
- PRODUCT CERTIFICATIONS OR REPORTS ARE TO BE OBTAINED BY THE CONTRACTOR FROM THE CONCRETE SUPPLIER AND MADE AVAILABE TO THE VANDERBURGH COUNTY ENGINEER'S INSPECTOR OR OFFICE.
- ALL STORM SEWERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C 76-79.
- STORM SEWER PIPE SHALL CONFORM TO RCP CLASS III WITH O-RING RUBBER GASKET JOINTS. RUBBER GASKETS SHALL CONFORM TO ASTM C 473-79.
- ALL LENGTHS OF RCP STORM SEWER TERMINATING OR BEGINNING WITH CONCRETE END SECTIONS REFER TO THE DISTANCE FROM THE CENTERLINE OF STRUCTURE TO THE FLOWLINE OF THE CONCRETE END SECTION.

TYP. DITCH SECTION

N.T.S.



GREATER THAN 5' FROM EDGE OF PAVEMENT

LEGEND

Bc = OUTSIDE DIAMETER
D = INSIDE DIAMETER
d = DEPTH OF BEDDING MATERIAL BELOW PIPE

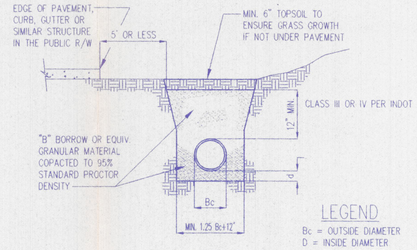
NOTE:
ALL BEDDING & INITIAL BACKFILL SHALL BE INSTALLED IN 6" TO 12" BALANCED LIFTS

A MINIMUM 9" OF CLEARANCE SHALL BE PROVIDED ON EACH SIDE OF THE INSTALLED PIPE

DEPTH OF BEDDING MATERIAL BELOW PIPE O.D.	(d) min.
27" & SMALLER	3"
30" TO 60"	4"
66" & LARGER	6"

PIPE BEDDING DETAIL

SCALE: N.T.S.



WITHIN 5' OF EDGE OF PAVEMENT

LEGEND

Bc = OUTSIDE DIAMETER
D = INSIDE DIAMETER
d = DEPTH OF BEDDING MATERIAL BELOW PIPE

NOTE:
ALL BEDDING & INITIAL BACKFILL SHALL BE INSTALLED IN 6" TO 12" BALANCED LIFTS

A MINIMUM 9" OF CLEARANCE SHALL BE PROVIDED ON EACH SIDE OF THE INSTALLED PIPE

DEPTH OF BEDDING MATERIAL BELOW PIPE O.D.	(d) min.
27" & SMALLER	3"
30" TO 60"	4"
66" & LARGER	6"

PIPE BEDDING DETAIL

SCALE: N.T.S.

Written dimensions on these drawings shall have precedence over scale dimensions. Contractors shall verify and be responsible for all dimensions. Contractor shall notify SITECON, Inc. of any discrepancies before proceeding with the work affected. SITECON, Inc. must be notified of any variations from the dimensions and conditions shown by these drawings.

SITECON, Inc.
Engineers-Surveyors
10335 Hedden Rd. Suite 2
Evansville, Indiana 47711
(812) 868-0877

Project: ST. CHARLES COVE

Sheet Title: STORM DETAIL SHEET

Revisions

No.	By	Date	Description

Plot Scale: 1=50

Scale: AS NOTED

Designed By:	Job Number:
KJP	109-97-6
Drawn By:	Date:
RRB	4-20-99
Checked By:	Filename: STORDET.DWG

Sheet Number: DE-3