FEDERAL AID PROJECT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	17 N-0326-01	2006	34	118

SCALE:
1:200 HORIZONTAL
1:40 VERTICAL

Sta. 0+000.000, Begin Line 2A =
Sta. 0+000.000 Line 2B =
BL Sta 0+791.039, 5.743m Lt.
Core into Ex. Brick Manhole, Connect Pipe, and Seal with Non-Shrink Water Tight Grout. Rebuild & Reshape Invert as Necessary. Plug Existing Pipe Openings as Necessary.
Install New Ring & Cover.
Top Elev. = 38.974

CAUTION!
Proposed 300mm Water 200mm Water Crossings

CAUTION!
Existing SW Elec Crossing

CAUTION!
Existing 200mm Gas 300mm Water Crossings

DOUGLAS

LINE 2A

LINE 2B

HILLSIDE

0+800

0+820

Remove\Abandon Ex. SWS System

Sta. 0+033.463, End Line 2A =
BL Sta. 0+824.000, 11.353m Lt
Construct inlet (Double) (Type 1)
(3.454m x 1.321m)
Install Pavement Underdrain
Top Elev = 38.958

BENCHMARK
BM #4 – "D" Top of Curb at SW Parking Lot
NW Corner of Hillside & Douglas
Sta. 0+807.832, 9.048m Lt.
Elev. = 38.030 SI Units ("124.77 City Datum)

Sta. 0+000.000, Begin Line 2B =
Sta. 0+000.00 Line 2A =
BL Sta 0+791.039, 5.743m Lt.
Core into Ex. Brick Manhole, Connect Pipe, and Seal with Non-Shrink Water Tight Grout. Rebuild & Reshape Invert as Necessary. Plug Existing Pipe Openings as Necessary.
Install New Ring & Cover.
Top Elev = 38.974

CAUTION!
Existing 300mm Water Crossing

LINE 2A

CAUTION!
Existing SWB Duct 100mm Gas Crossings

Remove\Abandon Ex. SWS System

LINE 2B

HILLSIDE

0+800

CAUTION!
Existing SW Elec Crossings

Completely Remove Ex. SWS Manholes and Inlets

Sta 0+024.048, End LINE 2B =
BL Sta 0+788.539, 18.163m RT
Construct inlet (Double) (Type 1)
(3.454m x 1.321m)
Match inlet Top to Fin Mk Grade.
Top Elev = 39.224

Connect 200mm Clay Drain Line to New Inlet. Use Fernco style Coupling & New Pipe Fittings as Required.
Cost to be SUBSIDIARY to inlet Installation.

CAUTION!
Existing SWB Duct n Vicinity

Sta. 0+000.000, Begin Line 2C =
BL Sta 0+804.509, 5.232m RT
Core into Ex. Brick Manhole, Connect Pipe, and Seal with Non-Shrink Water Tight Grout. Rebuild & Reshape Invert as Necessary. Plug Existing Pipe Openings as Necessary.
Install New Ring & Cover.
Top Elev. = 39.158 (Match to Final Pavement Lift)

Remove\Abandon Ex. SWS System

CAUTION!
Existing SWB Duct O/H Elec Crossings

LINE 2C

DOUGLAS

Sta 0+012.957, End LINE 2C =
BL Sta 0+805.565, 18.139m RT
Construct inlet (Double) (Type 1)
(3.454m x 1.321m)
Top Elev = 39.310

BENCHMARK
BM #4 – "D" Top of Curb at SW Parking Lot
NW Corner of Hillside & Douglas
Sta. 0+807.832, 9.048m Lt.
Elev. = 38.030 SI Units (124.77 City Datum)

SBC has Poured a Concrete Cap Over the West Ex. SBC Duct Run from Sta. 0+795 to Sta. 0+855. The Contractor shall Use Caution When Excavating in the Area of the Duct Run.

NOTE:
Existing Pipe may be Abandoned in Place as Condition Warrants and as Directed by the Construction Engineer.

Manholes Slated for Removal shall be Removed or Abandoned in Place as per City Specs. Paid as "Removal of Existing Structures"

SCALE:
1:200 HORIZONTAL
1:40 VERTICAL

Sta. 0+000.000, Begin Line 2D =
BL Sta 0+824.003, 5.222m RT
Construct Shallow Type "P" Manhole over Exstg 600mm VCP. (1.524m Dia.) Build & Shape Invert as Required. Seal Pipes to Structure w/ Non-Shrink Water Tight Grout.
Install New Ring & Cover.
Top Elev. = 39.012
(Match to Final Pavement Lift)

SBC will lower the PVC Duct during Construction. The Contractor will be required to coordinate with SBC Prior to the Inlet Installation.

CAUTION!
Existing SWB Duct n Vicinity

0+820

HILLSIDE

LINE 2D

VACANT
LE Douglas
Sun
Tr

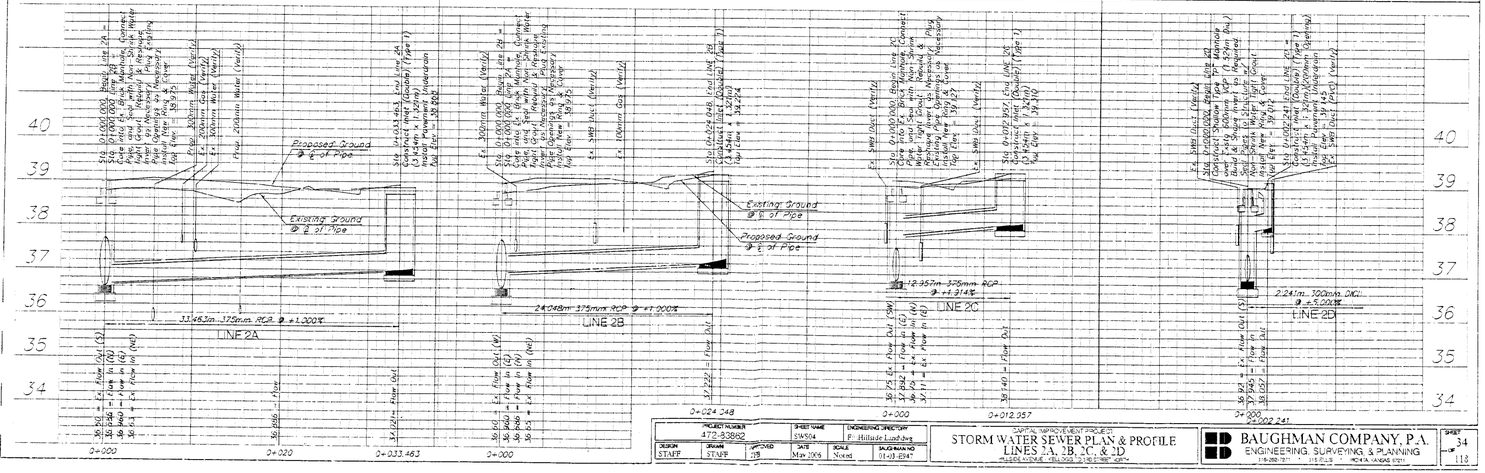
16 TH
ASSIA
PHOLSTERY

CAUTION!
Existing SWB Duct Conflict*

Sta 0+002.241 End LINE 2D =
BL Sta 0+823.992, 7.462m RT
Construct inlet (Double) (Type 1)
(3.454m x 1.321m)(200mm Opening)
Install Pavement Underdrain
Match inlet Top to Fin Mk Grade.
Top Elev = 39.095

Double Type 1 Inlet may need to be Constructed of Brick in the Field Due to Existing Conditions. Cost to be SUBSIDIARY to the Bid Item "Inlet (Curb) (Type 1) (Double) (3.454m x 1.321m)"

KDOT METRIC



PROJECT NUMBER	SHEET NAME	ENGINEERING DIRECTORY
472-83862	SW504	P:\Hillside\Land2.dwg

DESIGN	DRAWN	CHKD	DATE	SCALE	SAUG MANAGER
STAFF	STAFF	JJB	May 2006	None	01-03-2007

CAPITAL IMPROVEMENT PROJECT:
STORM WATER SEWER PLAN & PROFILE
LINES 2A, 2B, 2C, & 2D

USER NAME = BLUGG TO DETAIL ADPT

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
19-255-7111 11 E.U.S. 1 HOLTON, KANSAS 66436

SHEET 34 OF 118