CITY OF AUBURN, ANDROSCOGGIN COUNTY, MAINE #2

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DAVIS AVENUE STORMWATER SEPARATION PROJECT

PREPARED BY

ENGINEERING DIVISION

AUBURN PUBLIC WORKS DEPARTMENT

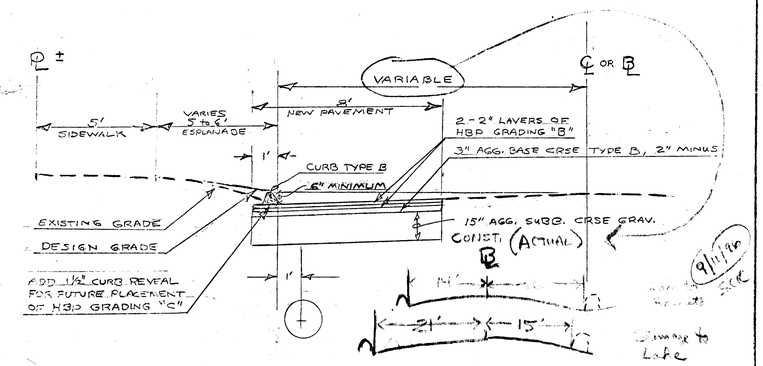
45 SPRING STREET, AUBURN, MAINE

note: original colorized prints (given which this sheet & white copy made) were via CAD system of Auburn Water & Sewer Districts

DRAWING SCHEDULE

1	----------	TITLE SHEET
2-5	----------	STANDARD DETAILS
6	----------	GAMAGE AVENUE
7-9	----------	DAVIS AVENUE

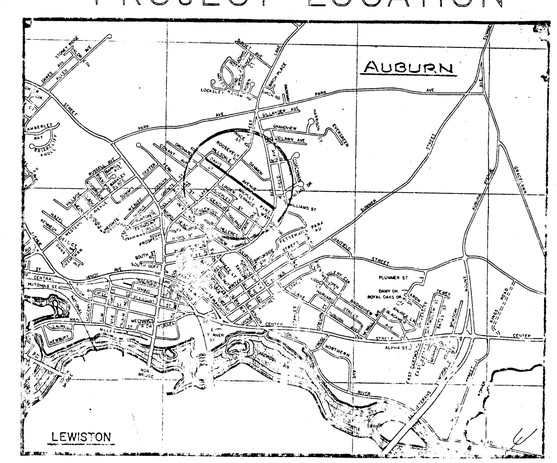
TYPICAL STREET CROSS SECTION



APPROVED BY	DATE
Patricia A. Finnigan CITY MANAGER – PATRICIA A. FINNIGAN	8-9-96
Robert F. Belz PUBLIC WORKS DIRECTOR – ROBERT F. BELZ	8-9-96
Steven Ranney CITY ENGINEER – STEVEN C. RANNEY	8/9/96

STATE OF MAINE STEVEN C. RANNEY 4134 REGISTERED PROFESSIONAL ENGINEER

PROJECT LOCATION

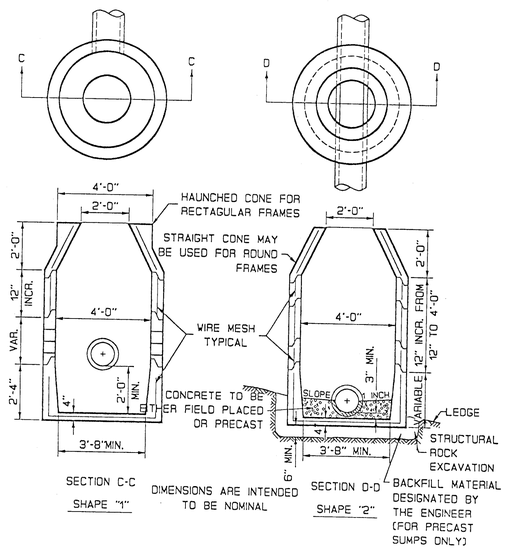


F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE			

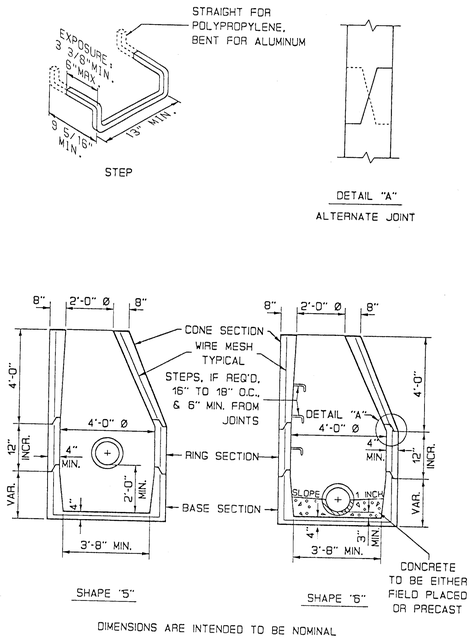
GENERAL NOTES

1. CATCH BASINS IN EXCESS OF 8' IN DEPTH SHALL, IF DIRECTED, BE PROVIDED WITH STEPS SIMILAR TO THOSE DETAILED FOR MANHOLES.
2. DRAIN HOLES IN PRECAST SUMPS SHALL BE NOT OVER 3" IN DIAMETER AND SHALL BE PLUGGED WITH MORTAR WHEN CONSTRUCTED.
3. ALL PRECAST SECTIONS OF LESS THAN 8" WALL THICKNESS SHALL HAVE TONGUE AND GROOVE JOINTS.
4. CONE AND RING SECTIONS SHALL HAVE A WALL THICKNESS OF 4" MINIMUM TO 8" MAXIMUM.
5. MINIMUM WALL THICKNESS AT THE SUMP SHALL BE 4" AS SPECIFIED IN A.S.T.M. C-478.
6. THE WALL AROUND INLET AND OUTLET PIPES SHALL BE A PRECAST RING WITH AN OPENING 2" LARGER THAN THE OUTSIDE DIAMETER OF THE PIPE.
7. LIFT HOLES SHALL BE PROVIDED.

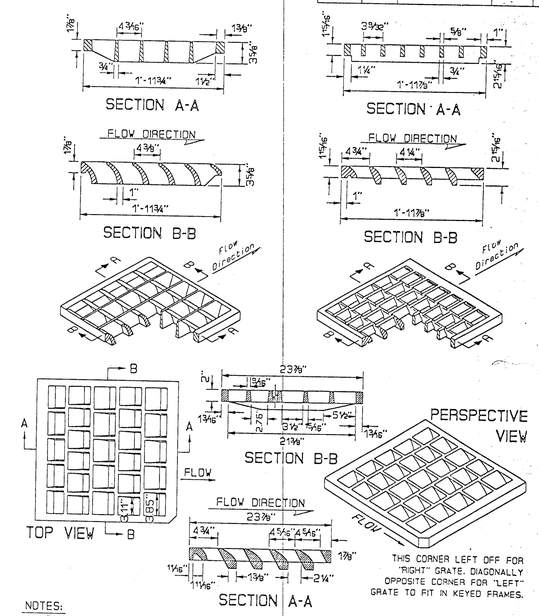
SPEC. 604 DR001



SPEC. 604 CATCH BASINS (PRECAST UNITS) DR002



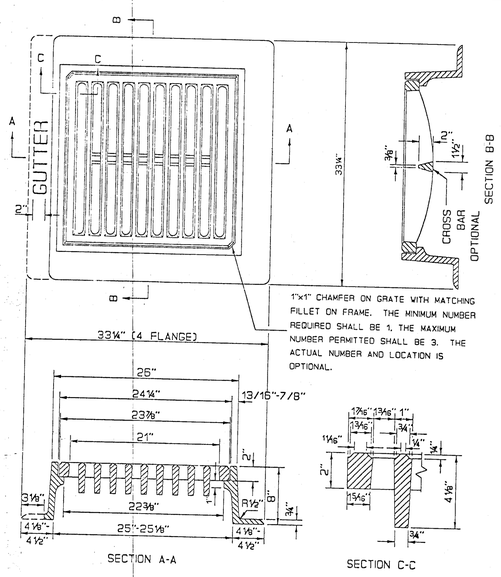
SPEC. 604 CATCH BASIN OR MANHOLE DR003



NOTES:
TO BE USED WHERE PARALLEL BAR GRATES WOULD PRESENT A HAZARD TO BICYCLE TRAFFIC.

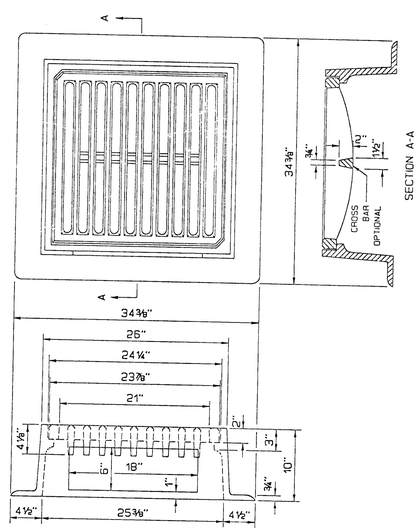
FOR USE ON CATCH BASIN TYPES:
A1-C, A2-C, A5-C, B1-C, B2-C, B5-C, F3-C, F4-C, F5-C, F6-C.

SPEC. 604 "CASCADE-TYPE" GRATES DR004



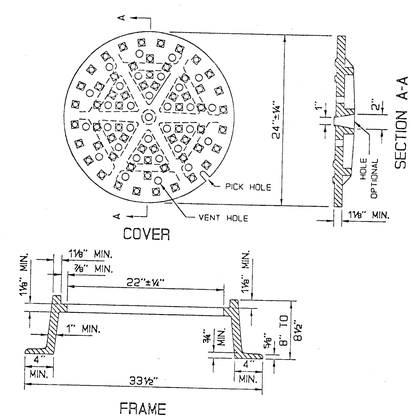
NOTES:
1. TYPE "A" FRAMES ARE TO HAVE 3 FLANGES.
2. TYPE "B" FRAMES ARE TO HAVE 4 FLANGES.
3. THE VOID "GUTTER" IS TO BE MOULDED INTO THE BACK FLANGE-TYPE "B" ONLY.
4. FRAMES AND GRATES ARE TO BE OF GRAY CAST IRON CONFORMING TO AASHTO M105, CLASS 30.
5. DIMENSIONS ARE NOMINAL.

SPEC. 604 TYPE "A" & "B" CATCH BASIN TOPS DR005



NOTES:
1. OPEN THROAT SHALL BE CONSTRUCTED ON THE SIDE AWAY FROM THE DIRECTION OF TRAFFIC. ALL OTHER SIDES SHALL BE GRADED FLUSH WITH THE TOP OF THE CATCH BASIN GRATE.
2. THE FRAME SHALL BE GRAY CAST IRON.
3. THE GRATE SHALL BE THE SAME AS TYPES "A" AND "B".
4. DIMENSIONS ARE INTENDED TO BE NOMINAL.

SPEC. 604 TYPE "C" CATCH BASIN TOPS DR006



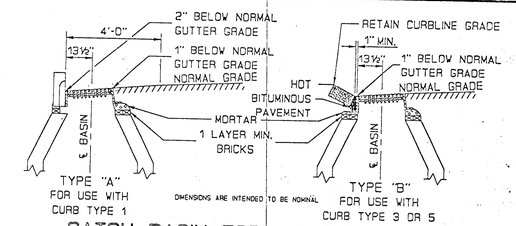
NOTES:
1. MANHOLE FRAMES AND COVERS ARE TO BE MACHINED TO A SMOOTH FIT AND SHALL BE OF GRAY CAST IRON.
2. DIAMOND TOP SURFACE IS OPTIONAL.

SPEC. 604 MANHOLE TOP "D" DR007

STRUCTURE	TOP				SHAPE			
CATCH BASIN	A	B	C	D	1	2	5	6
TYPE A1								
TYPE A2								
TYPE B1								
TYPE B2								
TYPE C1								
TYPE C2								
MANHOLE								

TABLE OF CATCH BASIN TYPES
(COMBINATIONS OF TOPS AND TYPES)

FOR TYPE "E" & TYPE "F" CATCH BASINS SEE PANELS DR010 AND DR011



SPEC. 604 CATCH BASIN TOP INSTALLATION DR008

REVISIONS	APPROVED	
Description	Me. DOT	FHWA
ORIGINAL PLAN	OCT. 92	OCT. 93
DR004 - NEW GRATE	MAR. 93	

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

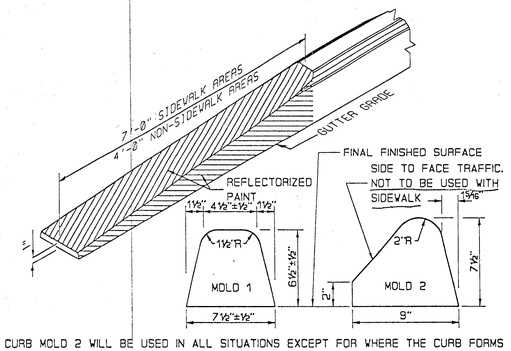
STANDARD DETAILS
TYPE A, B & C CATCH BASINS
AND MANHOLES

SHEET OF AUGUSTA, MAINE HD-1

04AUG94-0100.40

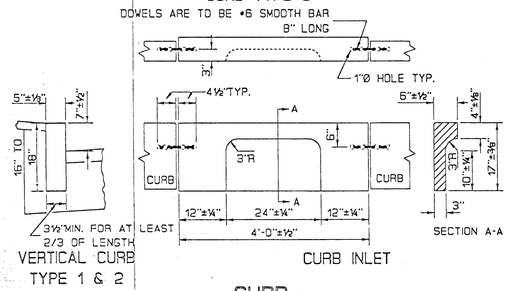
SHEET 2 OF 9

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE			

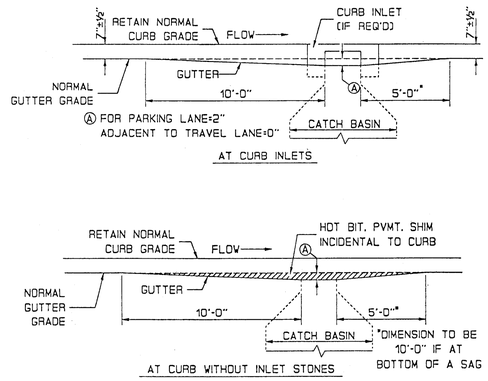


CURB MOLD 2 WILL BE USED IN ALL SITUATIONS EXCEPT FOR WHERE THE CURB FORMS THE EDGE OF THE SIDEWALK. MOLD 1 SHALL BE USED IN CONJUNCTION WITH SIDEWALKS OR WHERE THERE IS A POTENTIAL FOR SIDEWALKS.

CURB TYPE 3

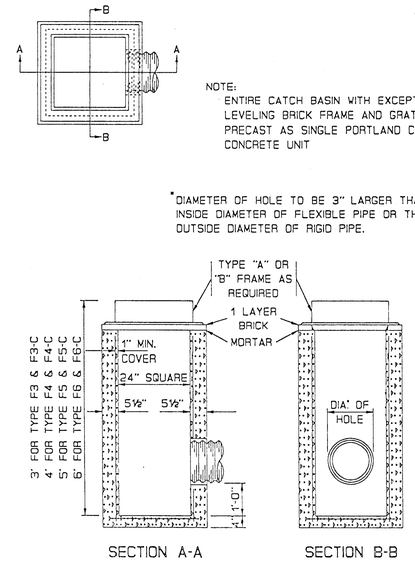


SPEC. 609 **CURB** CU003



NOTE:
GRATES SHALL BE INSTALLED ON GRADIENT OF THE GUTTER AND BE DEPRESSED 2" BELOW THE NORMAL GUTTER GRADE UNLESS THIS DEPRESSION INTERFIERES WITH TRAFFIC.

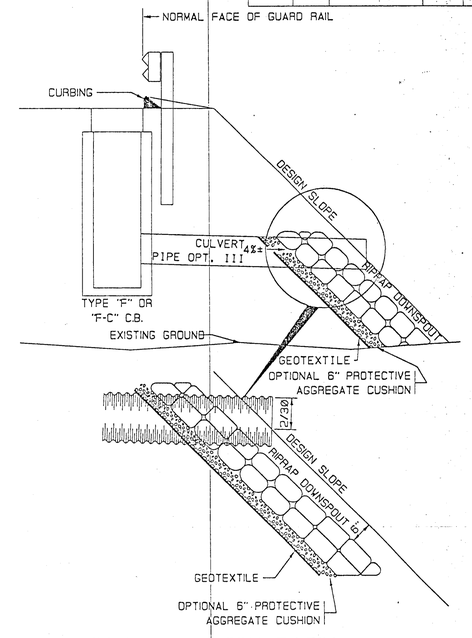
SPEC. 609 **GUTTER GRADE TRANSITION AT CATCH BASIN** CU004



NOTE:
ENTIRE CATCH BASIN WITH EXCEPTION OF LEVELING BRICK FRAME AND GRATE TO BE PRECAST AS SINGLE PORTLAND CEMENT CONCRETE UNIT

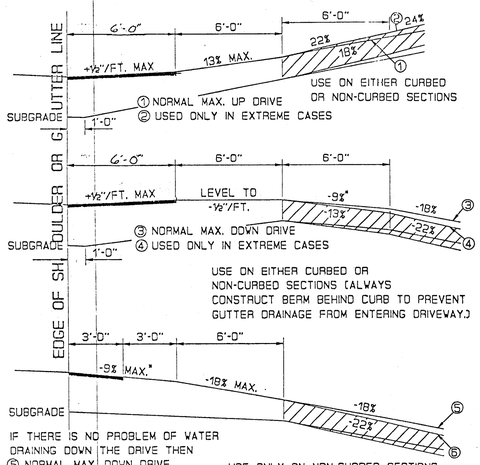
*DIAMETER OF HOLE TO BE 3" LARGER THAN THE INSIDE DIAMETER OF FLEXIBLE PIPE OR THE OUTSIDE DIAMETER OF RIGID PIPE.

SPEC. 604 **CATCH BASIN TYPE "F"** DR011



TYPE "F" CATCH BASIN WITH OUTLET PIPE (WITH RIPRAP)

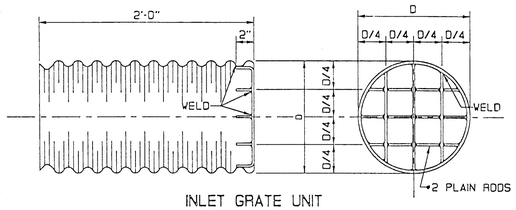
SPEC. 604 DR012



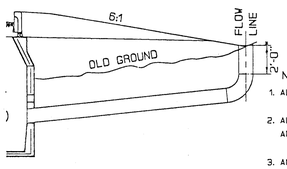
GENERAL NOTES:
1. THE FIRST 3' SHOWN AS PAVEMENT SHALL BE PAVED ONLY WHEN ABUTTING A PAVED AREA.
2. ALL RESIDENTIAL OR COMMERCIAL DRIVES 10% AND OVER SHALL BE PAVED.

NOTES ON MAXIMUM DRIVEWAY PROFILES:
1. THESE PROFILES ARE A GUIDE FOR THE MAJORITY OF CASES. BUT SHOULD BE FIELD CHECKED WHEN THE MAIN LINE GRADE IS STEEP (4% TO 6% OR GREATER) OR THE ANGLE OF APPROACH TO THE DRIVE IS UNUSUAL.
2. GENERALLY THE MAJORITY OF DRIVES ON A PROJECT WILL BE BUILT WITH FLATTER PROFILES THAN THESE MAXIMUM CASES.
*3. WHEN GRADING DRIVES WHICH ARE FLATTER THAN THE MAXIMUM PROFILES THE FOLLOWING RULE OF THUMB SHOULD BE USED: DO NOT EXCEED A GRADE % CHANGE OF MORE THAN 9% IN A 6 FOOT INCREMENT OF DRIVEWAY LENGTH. THIS APPLIES TO BOTH UP AND DOWN PROFILES.

DRIVES ON NON-SIDEWALK SECTIONS EN002

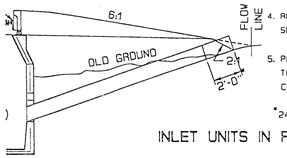


INLET GRATE UNIT



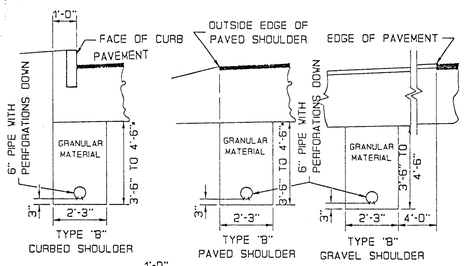
NOTES:
1. ALL UNITS TO BE COMPLETE SHOP ASSEMBLY.
2. ALL UNITS TO HAVE ONE SHOP COAT OF APPROVED ALUMINUM PAINT.
3. AN ELBOW SHALL BE INSTALLED IF DIRECTED BY THE ENGINEER TO PROVIDE A HORIZONTAL GRATE, AND SHALL BE PAID FOR AS 3 ADDITIONAL FEET OF THE TYPE AND SIZE OF PIPE INVOLVED.
4. RODS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 709.01 OF THE STANDARD SPECIFICATIONS.
5. PIPE FOR INLET GRATE UNIT SHALL BE THE SAME TYPE THAT IS USED TO CONNECT INTO CATCH BASIN.

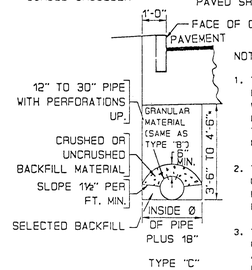
*24" INLET GRATE UNIT.



INLET UNITS IN FILL AREAS

SPEC. 604 **INLETS** DR014





NOTES
1. THE MAXIMUM VERTICAL MEASUREMENT OF DEPTH FOR PAYMENT OF STRUCTURAL ROCK EXCAVATION WILL BE TO A HORIZONTAL PLANE LOCATED 1 FOOT BELOW THE BOTTOM OF THE INVERT OF THE PIPE FOR UNDERDRAIN TYPE "B" AND UNDERDRAIN TYPE "C".
2. THE MATERIAL FOR ELBOWS, TEES & WYES FOR UNDERDRAIN TYPES "B" AND "C" SHALL BE AT LEAST AS THICK AS THE LARGEST SIZE PIPE BEING CONNECTED.
3. THE INVERT ELEVATION OF UNDERDRAIN TYPE "B" OUTLETS SHALL BE A MINIMUM OF 6 INCHES ABOVE THE FLOW LINE OF A DITCH OR THE ORIGINAL GROUND.
4. WIDTH OF THE TRENCH FOR UNDERDRAIN OUTLET WILL BE THE SAME AS THE UNDERDRAIN TRENCH.
5. NO ALLOWANCE FOR PAYMENT WILL BE MADE FOR EXCAVATING OR MATERIAL EXCAVATED BEYOND THE HORIZONTAL DIMENSIONS SHOWN FOR TYPES "A", "B", OR "C" UNDERDRAIN.
6. IN "BOX SECTIONS" THE EDGE OF TRENCH SHALL BE IN LINE WITH EDGE OF BOX SECTION.

SPEC. 605 **UNDERDRAIN** DR015

TYPE "B" AND TYPE "C" UNDERDRAIN PIPE

DIAMETER	METAL PIPE (NOMINAL WALL THICKNESS) M 218	M 274 M 246	M 197	PLASTIC PIPE STIFFNESS @ 5% DEFLECTION: P V C PIPE M 278	ASTM F 949	POLYETHYLENE PIPE M 294 SP DUAL-WALL UNANCHORED	M 252 SP DUAL-WALL UNANCHORED
TYPE "B" 6"	0.064	0.052	0.048	46	50		60
TYPE "C" 12"	0.079	0.064	0.075	46		50	
15"	0.079	0.064	0.075	46		42	
18"	0.079	0.064	0.075			40	
21"	0.079	0.064	0.075				
24"	0.079	0.064	0.075			40	
30"	0.109	0.079	0.105				
36"	0.109	0.079	0.105				

M 218=Zinc coated (Galvanized) corrugated steel pipe
M 274=Aluminum coated (Type 2) corrugated steel pipe
M 246=Polymer pre-coated galvanized corrugated steel pipe
M 197=Corrugated Aluminum Alloy pipe
M 278=Smoothwall PVC pipe
ASTM F 949=PVC corrugated sewer pipe with smooth interior
M 294 SP=Corrugated Polyethylene pipe with smooth inner liner
M 252 SP=Corrugated Polyethylene drainage tubing with smooth inner liner
Type "B" Underdrain outlet shall be metal pipe meeting the requirements of this chart.

SPEC. 605 DR016

REVISIONS Description	APPROVED Me. DOT	FHWA
ORIGINAL PLAN	OCT. 92	
DR010 - NOTE 6	NOV. 93	
DR013 - DELETED	FEB. 94	
DR015 - ADDED DIMS.	FEB. 94	

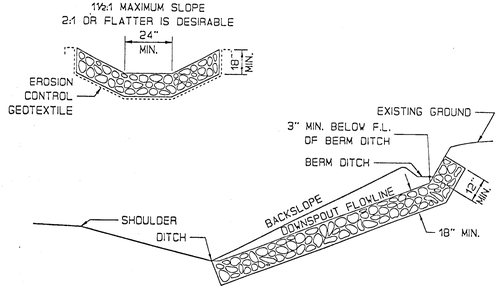
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STANDARD DETAILS
TYPE E & F CATCH BASINS
INLET GRATE UNIT
UNDERDRAIN

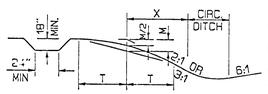
SHEET OF AUGUSTA, MAINE HD-2

04A034-0100.40

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE			



RIPRAP DOWNSPOUT



BERM DITCH

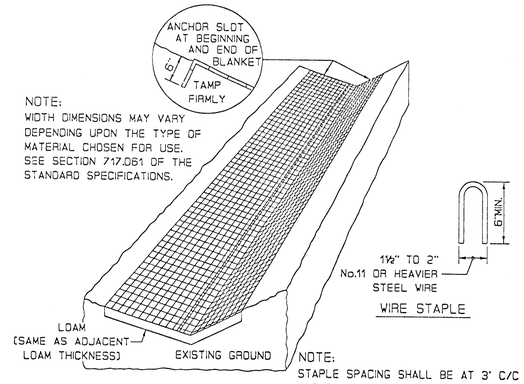
CONSTRUCT BERM DITCH AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. WHERE A 2:1 SLOPE IS NOT PRACTICAL, USE A 1-1/2:1 SLOPE.

WHERE "X">5 OR LESS, "T">X, OTHERWISE "T">5. TO AVOID PROPERTY DAMAGE AND TO SAVE SHADE TREES, THIS FORMULA MAY BE MODIFIED BY THE ENGINEER.

FOR ALL SECTIONS, THE DEPTH OF DITCH DEPENDS ON LOCAL CONDITIONS.

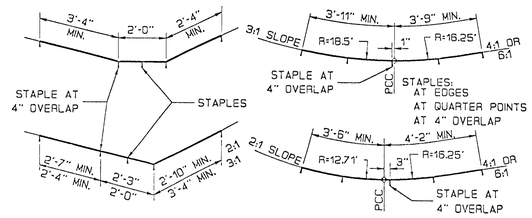
RIPRAP DOWNSPOUTS AND BERM DITCHES

SPEC. 610 ER001



NOTE:
WIDTH DIMENSIONS MAY VARY DEPENDING UPON THE TYPE OF MATERIAL CHOSEN FOR USE. SEE SECTION 717.061 OF THE STANDARD SPECIFICATIONS.

NOTE:
STAPLE SPACING SHALL BE AT 3' C/C ALONG BLANKET EXCEPT AT 4" OVERLAP WHICH SHALL BE AT 1½' C/C.



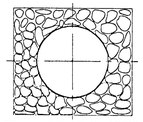
TEMPORARY EROSION CONTROL BLANKET

SPEC. 613 ER002

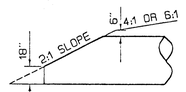
TABLE B

CULVERT DIAMETER	L 4:1 SLOPE	L 6:1 SLOPE
18"	9'-0"	13'-0"
21"	10'-0"	15'-0"
24"	11'-0"	16'-6"
30"	13'-0"	20'-0"
36"	15'-6"	23'-0"
42"	17'-6"	26'-0"
48"	19'-6"	29'-6"
54"	22'-0"	32'-6"
60"	24'-0"	36'-0"
66"	26'-0"	39'-6"
72"	28'-6"	42'-6"
84"	32'-6"	49'-0"

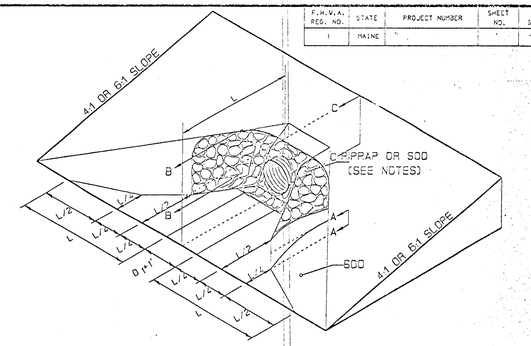
1. THE DIMENSIONS SHOWN ARE APPROXIMATES AND MAY BE MODIFIED BY THE RESIDENT ENGINEER.
2. RIPRAP WILL BE REQUIRED ON PORTIONS OF THE CULVERT END TREATMENT 1:1 AND STEEPER. THE REMAINING PORTION SHALL BE SODDED, OR LOAMED, SEEDED AND HAY MULCHED AS DIRECTED BY THE ENGINEER.
3. 24" DIAMETER CULVERTS AND UNDER MAY BE SODDED AROUND ENDS OF CULVERT.
4. CULVERTS INSTALLED ON 2:1 SLOPES SHALL HAVE RIPRAP LAID ON 2:1 SLOPE AROUND THE INLET AND OUTLETS.

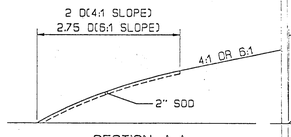


INSTALL RIPRAP 2' AROUND DIAMETER OF PIPE ON 2:1 GUARD RAIL SLOPES WHEN CALLED FOR ON THE PLANS

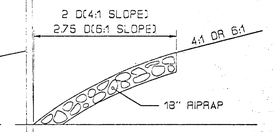


CULVERTS CUT ON 2:1 SLOPE



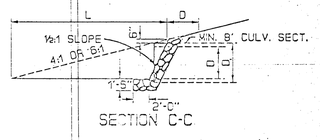


SECTION A-A
90° TO ROADWAY CL.



SECTION B-B
90° TO ROADWAY CL.

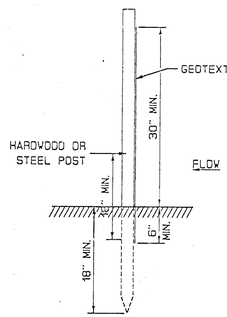
FRONT VIEW



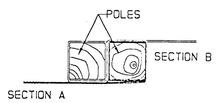
SECTION C-C

ROADWAY CULVERT END SLOPE TREATMENT
FOR METAL AND CONCRETE CULVERTS AND TYPE C UNDERDRAIN OUTLETS

SPEC. 610 DR019



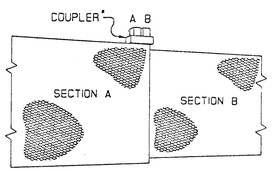
SIDE VIEW



TOP VIEW

DEPENDING UPON CONFIGURATION, ATTACH GEOTEXTILE TO WIRE MESH WITH HOG RINGS, TO STEEL POSTS WITH TIE WIRES, AND TO WOOD POSTS WITH STAPLES.

POSTS MAY BE WIRED TOGETHER WHEN JOINING SECTIONS.



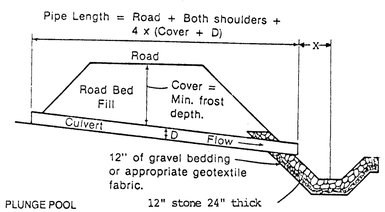
JOINING SECTIONS

*THE COUPLER CAN BE ANY ACCEPTABLE DEVICE USED TO TIE THE POLES TOGETHER.

SPEC. 656 **TEMPORARY SILT FENCE** ER005

STRUCTURAL MEASURES

Figure 32.4 DETAIL OF CULVERT OUTLET PROTECTION (full flow non-pressure)



PLUNGE POOL
1 D deep
2 D side
4 D long

PIPE SIZE (inches)	X (feet)
12"	2 ft
18"	3 ft
24"	5 ft
36	7 ft

S-14 BMPs FOR CONSTRUCTION

PIPE ARCH CULVERT (NOMINAL WALL THICKNESS IN INCHES)			
	CORUGATED METAL PIPE ARCH OPTION III		
NOMINAL SIZE IN INCHES SPAN X RISE	M 246 & FIBER BONDED	M 197	COATED STEEL PIPE EQUIVALENTS
21x15	0.079	0.075	18 GAGE=0.052 IN
24x18	0.079	0.075	16 GAGE=0.064 IN
28x20	0.079	0.105	14 GAGE=0.079 IN
35x24	0.109	0.105	12 GAGE=0.109 IN
40x31 (1)	0.079	0.075	10 GAGE=0.138 IN
42x29 (2)	0.109		8 GAGE=0.168 IN
46x36 (1)	0.079	0.105	
49x33 (2)	0.138		ALUMINUM PIPE EQUIVALENTS
53x41 (1)	0.079	0.105	18 GAGE=0.048 IN
57x38 (2)	0.138		16 GAGE=0.060 IN
60x46 (1)	0.109	0.135	14 GAGE=0.075 IN
64x43 (2)	0.168		12 GAGE=0.105 IN
66x51 (1)	0.109	0.135	10 GAGE=0.135 IN
73x55 (1)	0.109	0.164	8 GAGE=0.164 IN
81x59 (1)	0.109	0.164	

Metal Pipe values are for 2-2/3"x1/2" corrucations unless size is followed by a (1) which denotes 3"x1" curvugations
M 246:Polymer pre-coated galvanized corrugated steel pipe
M 197:Corrugated aluminum alloy pipe
FIBER BONDED:M.D.O.T. Spec. 707.04
Minimum cover is 3 feet
(2) Either size acceptable

SPEC. 603 DR022

CIRCULAR CULVERT PIPE (NOMINAL WALL THICKNESS IN INCHES)								
	CORRUGATED METAL PIPE				PLASTIC PIPE	REINFORCED CONCRETE PIPE		
	OPTION I		OPTION I/II		OPTION II	OPTION I/II		
DIAMETER	M 218	M 274	M 245 & FIBER BONDED	M 197	M 278	M 170 CLASS III WALL A	M 170 CLASS III WALL B	M 170 CLASS III WALL C
12"	0.079	0.064	0.064	0.075	0.358	1-3/4	2	
15"	0.079	0.064	0.064	0.075	0.436	1-7/8	2-1/4	
18"	0.109	0.079	0.079	0.075		2	2-1/2	
21"	0.109	0.079	0.079	0.075		2-1/4	2-3/4	
24"	0.109	0.079	0.079	0.075		2-1/2	3	3-3/4
27"	0.109	0.079	0.079	0.105		2-5/8	3-1/4	4
30"	0.109	0.079	0.079	0.105		2-3/4	3-1/2	4-1/4
33"	0.109	0.079	0.079	0.105		2-7/8	3-3/4	4-1/2
36"	0.109	0.079	0.079			3	4	4-3/4
36" (1)			0.079	0.075				
42"	0.138	0.109	0.109			3-1/2	4-1/2	5-1/4
42" (1)			0.079	0.105				
48"	0.138	0.109	0.109			4	5	5-3/4
48" (1)			0.079	0.105				
54"	0.168	0.138	0.138			4-1/2	5-1/2	6-1/4
54" (1)			0.079	0.105				
60"	0.168	0.138	0.138			5	6	6-3/4
60" (1)			0.079	0.105				
66" (1)			0.079	0.135		5-1/2	6-1/2	7-1/4
72" (1)			0.109	0.135		6	7	7-3/4
78" (1)			0.109	0.164			7-1/2	8-1/4
84" (1)			0.109	0.164			8	8-3/4

Metal Pipe values are for 2-2/3"x1/2" Corrugations unless diameter is followed by (1) which requires 3" x 1" Corrugations for Aluminum Pipes and 3"x1" or 5"x1" Corrugations for Steel Pipes.
Option I Pipes shall only be used for entrances
Fill heights over 15' may require larger metal gages.
M 218:Zinc coated (Galvanized) corrugated steel pipe
M 274:Aluminum coated (Type 2) corrugated steel pipe
M 245:Polymer pre-coated galvanized corrugated steel pipe
FIBER BONDED:M.D.O.T. Spec. 707.04
M 170:Reinforced concrete pipe
M 278:Polyvinyl chloride pipe
M 197:Corrugated aluminum alloy pipe

SPEC. 603 DR024

COUPLING BAND WIDTH REQUIREMENTS					
		COUPLING BAND WIDTH			
NOMINAL CORRUGATIONS	NOMINAL PIPE INSIDE DIAMETER	ANNULAR CORRUGATED BANDS		HELICALLY CORRUGATED BANDS	
		M 196	M 36	M 196	M 36
1½x1/4"	6"	10½"	10½"	7"	7"
2-2/3x1/2"	12"-24"	10½"	10½"		
3x1"	30"-84"	12"	12"		
5x1"	36"-84"		20"		

Helically corrugated metal pipe 12" diameter and larger shall have the ends rerolled to provide at least 2 annular corrugations.
Pipe with spiral corrugations shall have continuous helical lock seams.
M 196:Corrugated Aluminum Alloy Pipe
M 36:Corrugated Steel Pipe

SPEC. 603 DR023

REVISIONS	APPROVED	
Description	Me. DOT	FHWA
ORIGINAL PLAN	OCT. 92	OCT. 93

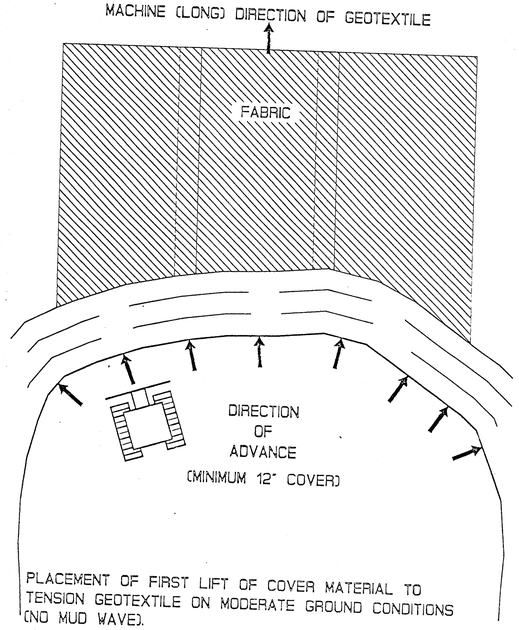
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STANDARD DETAILS
CULVERT INLETS & OUTLETS
CULVERT PIPE DATA

SHEET OF AUGUSTA, MAINE HD-3

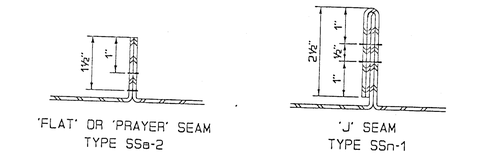
04AUG94-0100.40

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE			

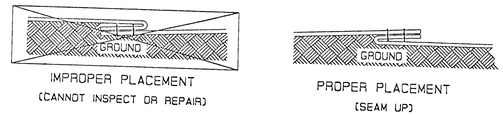


PLACEMENT OF FIRST LIFT OF COVER MATERIAL TO TENSION GEOTEXTILE ON MODERATE GROUND CONDITIONS (NO MUD WAVE).

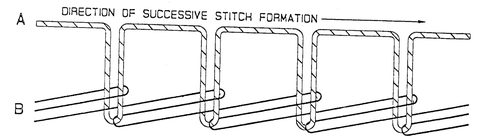
SPEC. 620 GE001



TYPES OF SEAMS



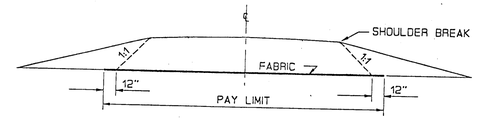
SEAM PLACEMENT



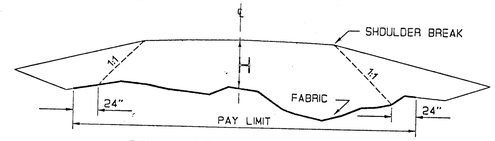
CLASS 401 TYPE STITCH

NOTE:
THIS TYPE OF STITCH SHALL BE FORMED WITH TWO THREADS: ONE NEEDLE THREAD "A", AND ONE LOOPER THREAD, "B". LOOPS OF THREAD "A" SHALL BE PASSED THROUGH THE MATERIAL AND INTERLACED AND INTERLOOPED WITH LOOPS OF THREAD "B". THE INTERLOOPINGS SHALL BE DRAWN AGAINST THE UNDERSIDE OF THE BOTTOM PLY OF MATERIAL.

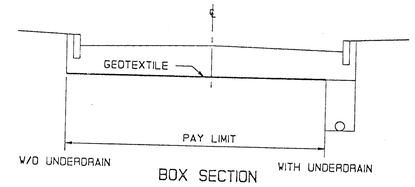
SPEC. 620 GEOTEXTILE SEAMING GE002



GEOTEXTILE AT SUBGRADE

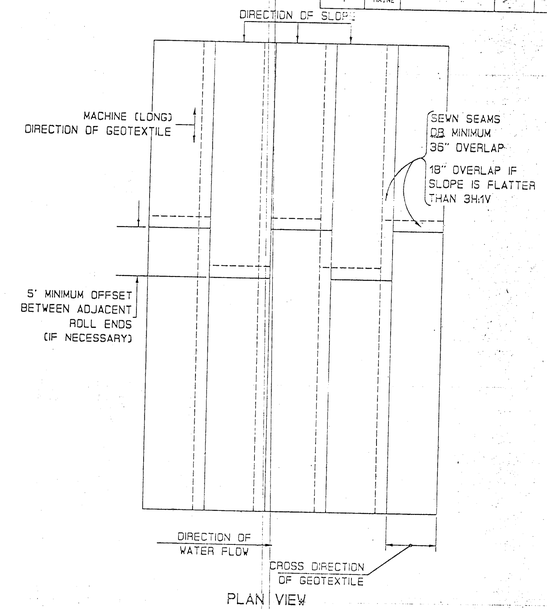


GEOTEXTILE ON OLD GROUND



BOX SECTION

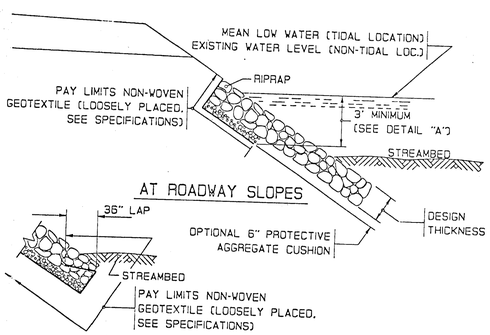
SPEC. 620 LATERAL LIMITS IN A ROADWAY GE003



PLAN VIEW

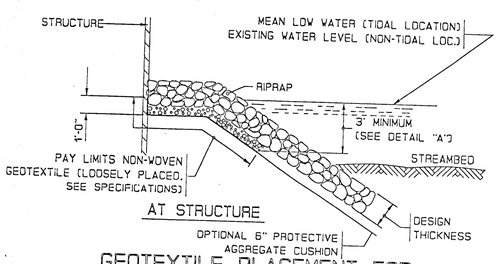
GEOTEXTILE PLACEMENT FOR PROTECTION OF SLOPES ADJACENT TO STREAMS AND TIDAL AREAS

SPEC. 620 GE004/1



AT ROADWAY SLOPES

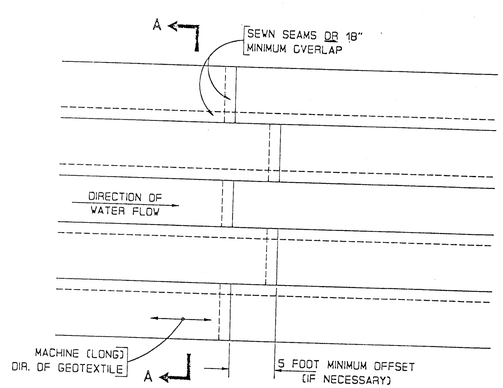
DETAIL "A"
FOR USE WHERE WATER DEPTH IS LESS THAN 3'.

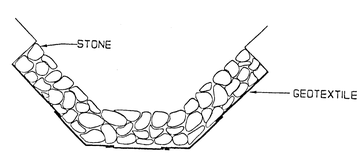


AT STRUCTURE

GEOTEXTILE PLACEMENT FOR PROTECTION OF SLOPES ADJACENT TO STREAMS AND TIDAL AREAS

SPEC. 620 GE004/2





SECTION A-A

GE005

SPEC. 620 GE005

SPEC. 620 GE006

REVISIONS	APPROVED	
Description	Me. DOT	FHWA
ORIGINAL PLAN	OCT. 92	OCT. 93

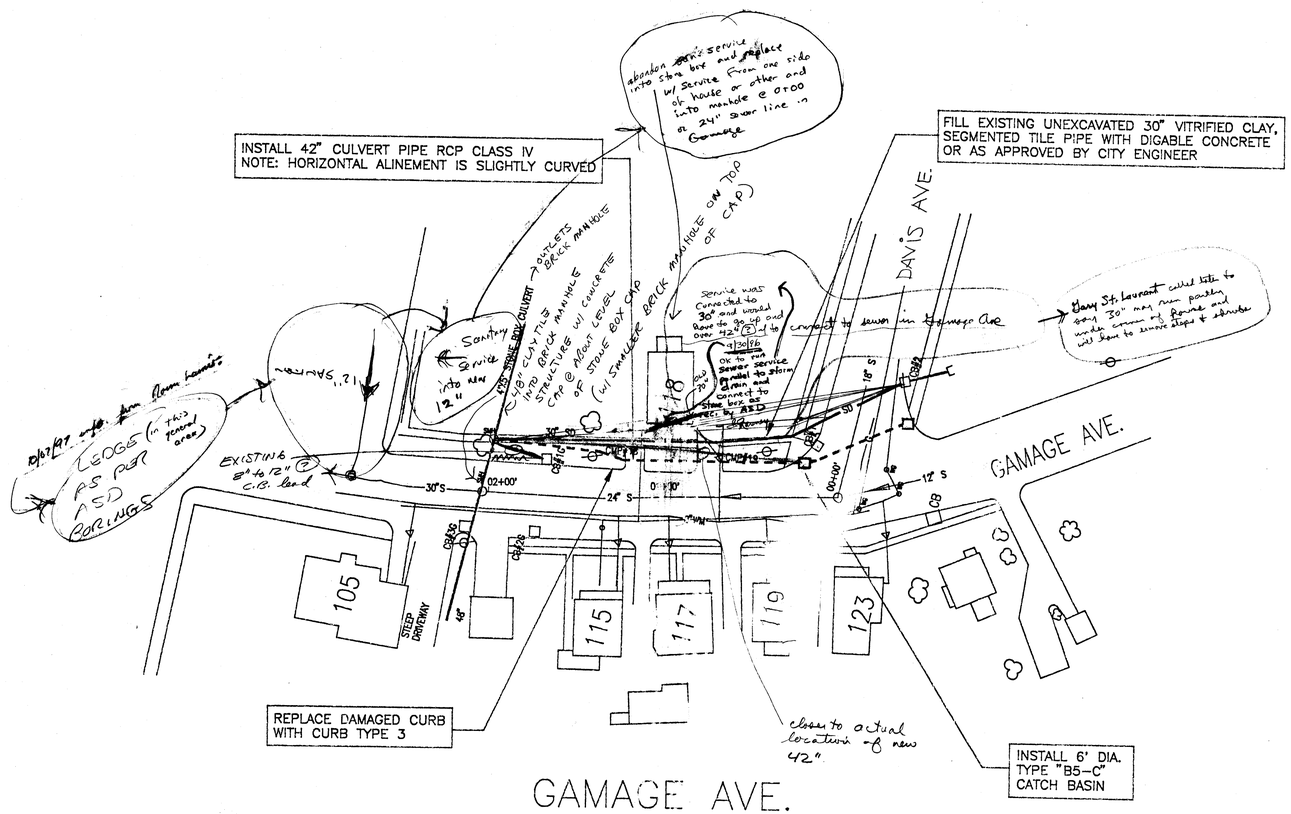
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STANDARD DETAILS
GEOTEXTILES

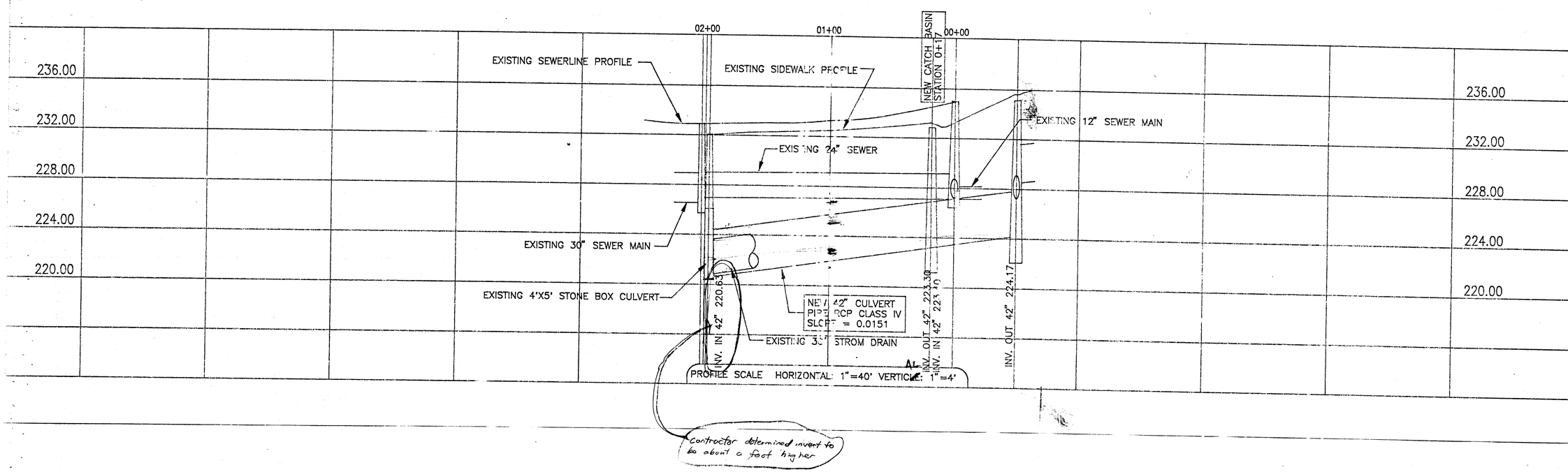
SHEET OF AUGUSTA, MAINE HD-15

SHEET 5 OF 9

04AUG94-010040



GAMAGE AVE.
PLAN SCALE: 1" = 40'



Contractor determined invert to be about a foot higher

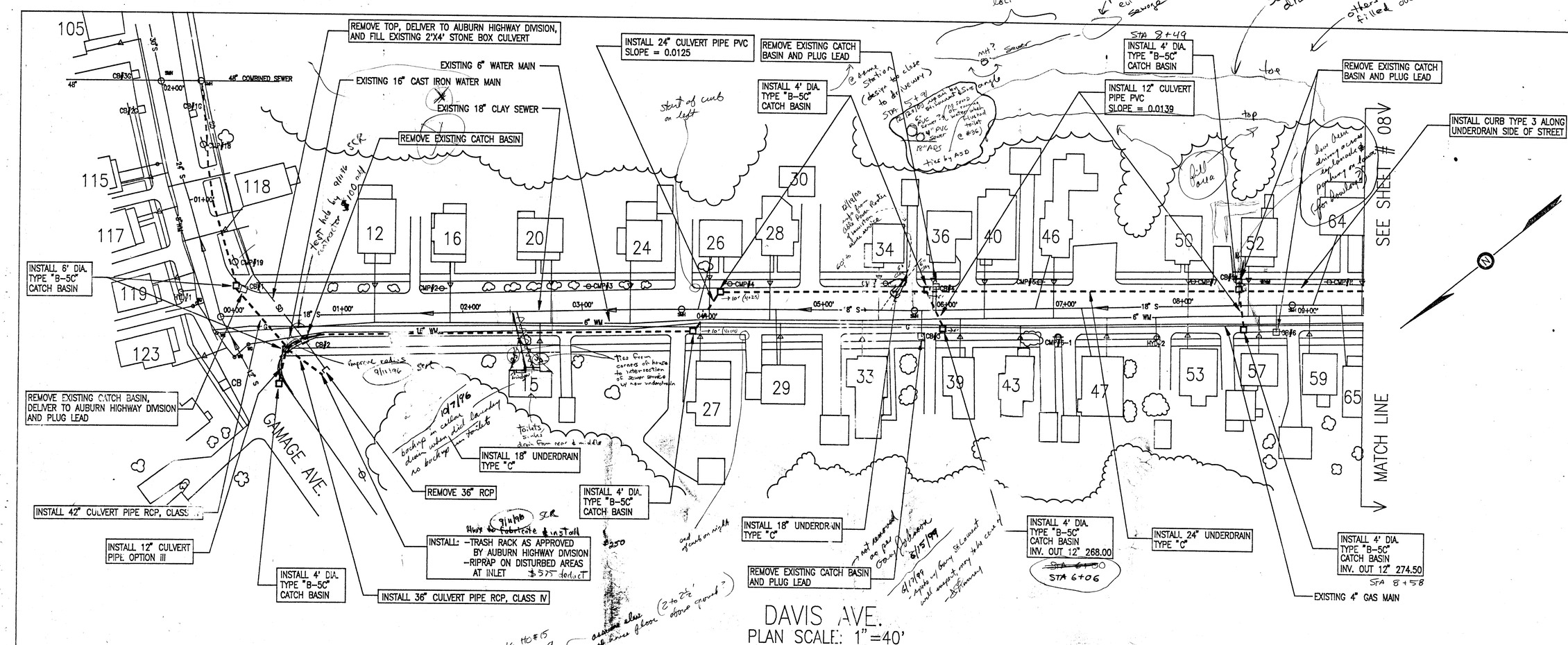
CITY OF AUBURN
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
45 SPRING STREET
AUBURN, ME. 04210
PH (207) 786-2421 EXT. 205
FAX (207) 786-2570

REV NO	DATE	DRWN BY	CHKD BY	GENERAL NOTES
01				
02				
03				
04				
05				
07				
08				
09				

CITY OF AUBURN
DAVIS AVENUE STORMWATER SEPARATION PROJECT
(GAMAGE AVE. TO GRANITE ST.)

06

CADD FILE C:\ASD-DRAW\GAMAGE1 | SCALE 1" = 40' | DATE 08/09/96 | DRWN BY DCJ | CHKD BY TCC | APPR BY SCR



CITY OF AUBURN
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
45 SPRING STREET
AUBURN, ME. 04210
PH (207) 786-2421 EXT. 205
FAX (207) 786-2570

REV NO	DATE	DRWN BY	CHKD BY	GENERAL NOTES
01				
02				
03				
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07				
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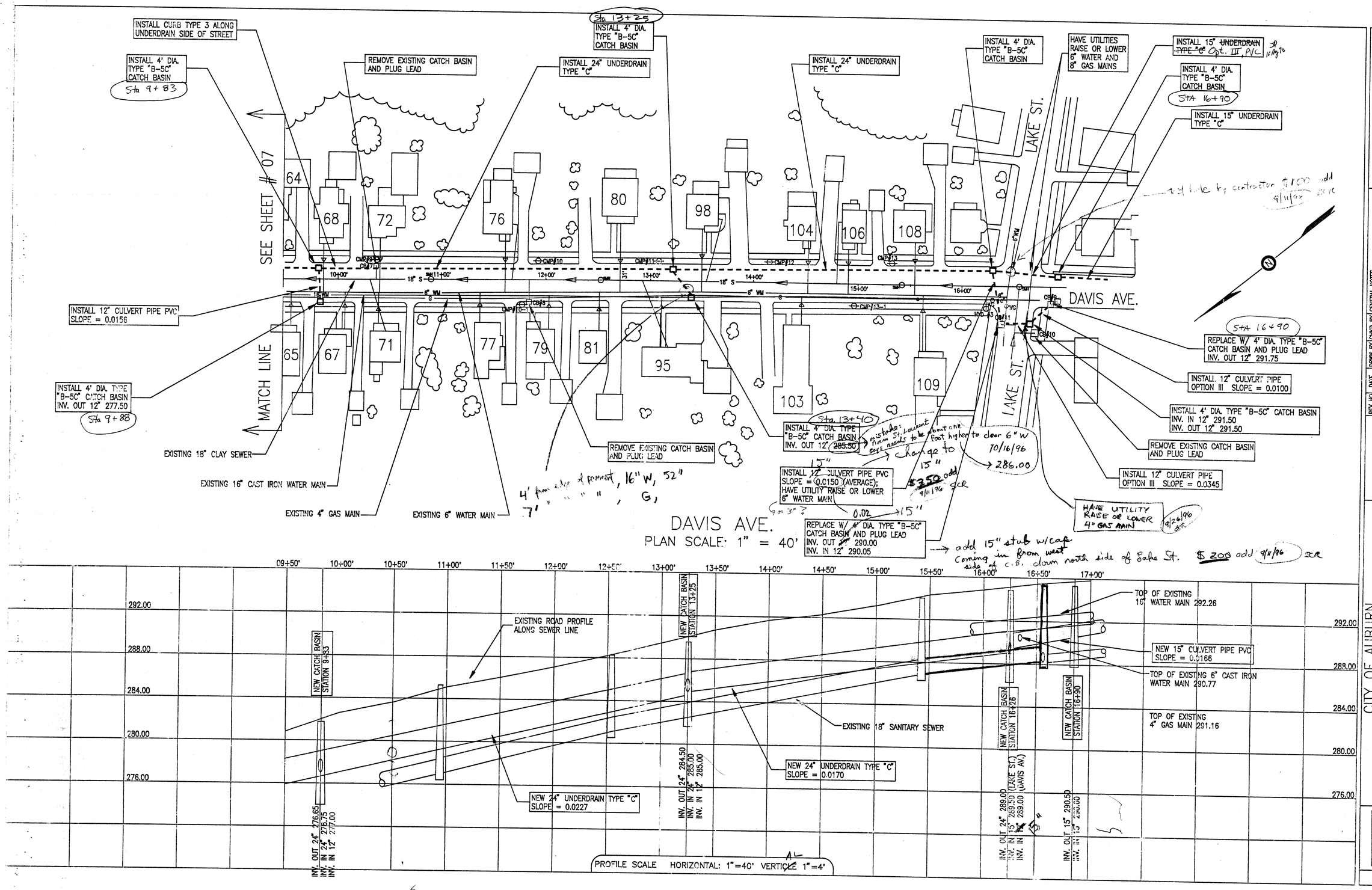
CITY OF AUBURN
DAVIS AVENUE STORMWATER
SEPARATION PROJECT
(GAMAGE AVE. TO GRANITE ST.)

CADD FILE C:\ASD-DRAW\DAVIS1 | SCALE 1"=40' | DATE 08/07/96 | DRWN BY CCJ | CHKD BY FCC | APPR BY SCR

07



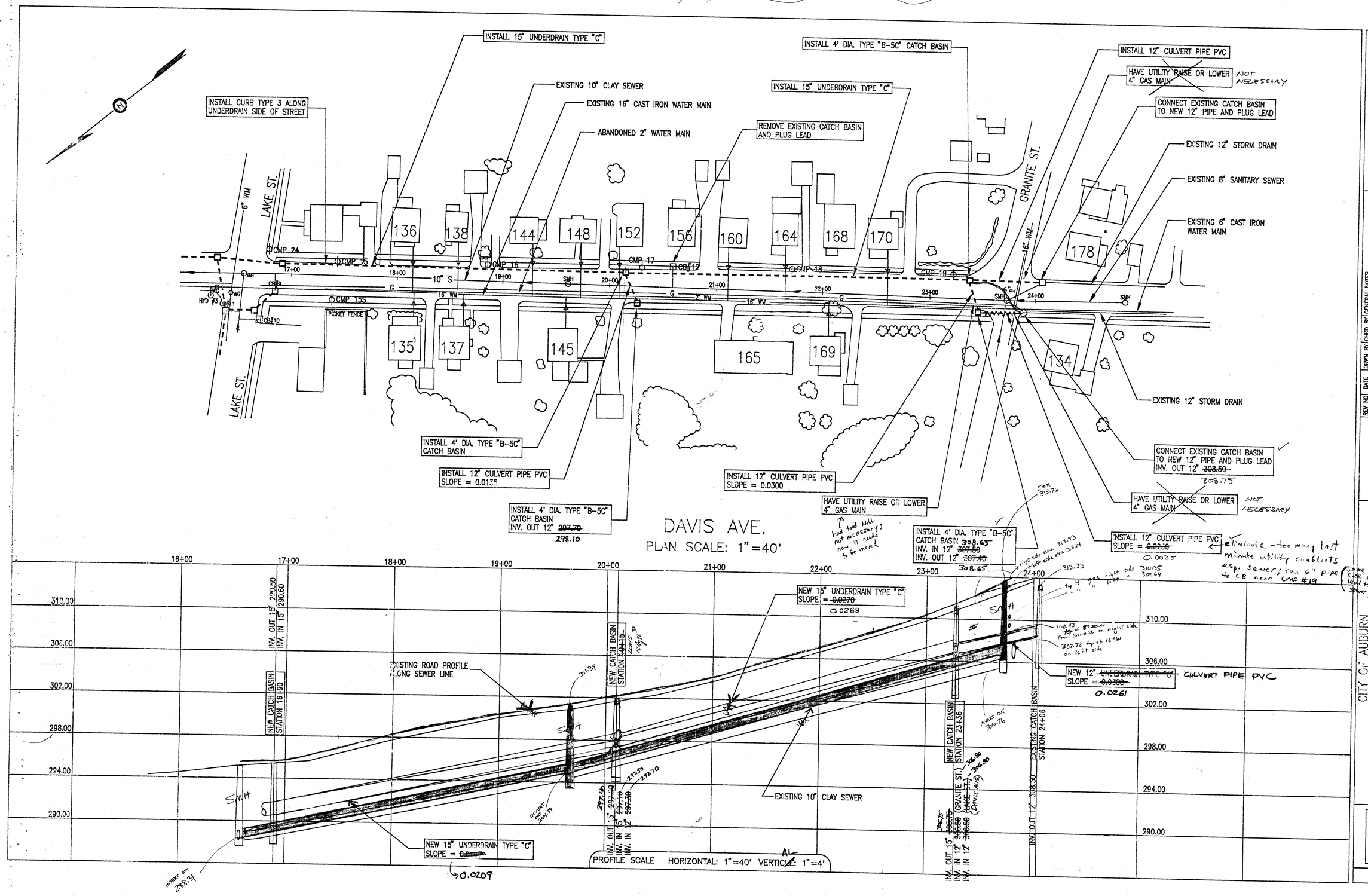
CITY OF AUBURN
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
45 SPRING STREET
AUBURN, ME. 04210
PH (207) 786-2421 EXT 205
FAX (207) 786-2570

REV NO	DATE	DRWN BY	CHKD BY	GENERAL NOTES
01				
02				
03				
04				
05				
07				
03				
08				

CITY OF AUBURN
DAVIS AVENUE STORMWATER SEPARATION PROJECT
(GAMAGE AVE. TO GRANITE ST.)

CADD FILE C:\ASD-DRAW\DAVIS2 | SCALE 1"= 40' | DATE 08/08/96 | DRWN BY FCJ | CHKD BY FCC | APP. BY SCR

08



CITY OF AUBURN
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
45 SPRING STREET
AUBURN, ME. 04210
PH (207) 786-2421 EXT. 205
FAX (207) 786-2570

REV NO	DATE	DRWN BY	CHKD BY	GENERAL NOTES
01				
02				
03				
04				
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07				
08				
09				

CITY OF AUBURN
DAVIS AVENUE STORMWATER SEPARATION PROJECT
(GAMAGE AVE. TO GRANITE ST.)

CADD FILE	SCALE	DATE	DRWN BY	CHKD BY	APPR BY
C:\ASD-DRAW\DAVIS3	1"=40'	08/09/99	DGM	TCC	SCR

09