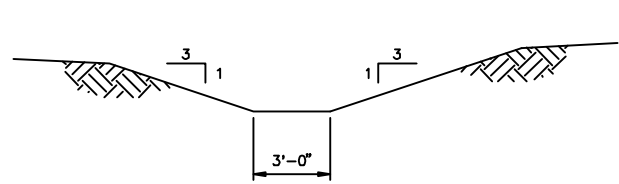
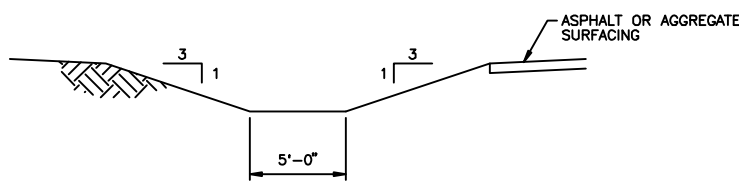


CULVERT TABLE											
CULVERT NO.	CENTERLINE COORDINATES				LENGTH	INLET INV ELEVATION	OUTLET INV ELEVATION	END TYPE	PIPE DIAMETER	NUMBER OF BARRELS	PIPE MATERIAL
	INLET END		OUTLET END								
	NORTH	EAST	NORTH	EAST							
C-1A	1434199.95	484409.35	1434216.50	484454.82	48.4'	77.75	77.50	PROJECTING	24"	1	CHDPE
C-1B	1434197.13	484410.38	1434213.68	484455.85	48.4'	77.75	77.50	PROJECTING	24"	1	CHDPE
C-2A	1434294.38	484680.29	1434311.58	484733.58	56.0'	76.75	76.33	PROJECTING	24"	1	CHDPE
C-2B	1434291.52	484681.21	1434308.72	484734.50	56.0'	76.75	76.33	PROJECTING	24"	1	CHDPE
C-2C	1434288.67	484682.13	1434305.87	484735.42	56.0'	76.75	76.33	PROJECTING	24"	1	CHDPE

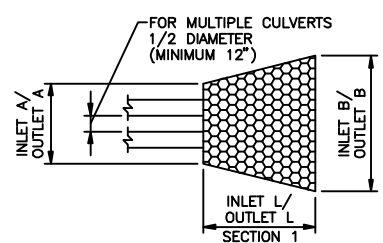
DRAINAGE TRENCH TABLE											
TRENCH DRAIN NO.	DRAWING NO.	CENTERLINE COORDINATES				LENGTH	INSIDE TRENCH WIDTH "A"	INLET TRENCH INV ELEVATION	OUTLET TRENCH INV ELEVATION	TOP OF CONCRETE ELEVATION	REMARKS
		INLET END		OUTLET END							
		NORTH	EAST	NORTH	EAST						
T-1	S3002	1434480.42	484114.96	1434439.91	484129.71	43.12	1'-6"	79.88	79.66	81.50	
T-2	S3001	1434597.44	484671.00	1434608.86	484702.38	33.40	2'-0"	79.60	79.42	81.00	
T-3	S3001	1434399.02	484342.22	1434364.49	484247.35	100.95	2'-0"	80.50	80.00	81.50	
T-4	S3001	1434291.54	484452.77	1434282.24	484463.44	31.19	2'-0"	80.27	80.10	81.50	
T-5	S3001	1434316.56	484527.31	1434291.09	484536.58	27.10	2'-0"	80.85	80.70	81.50	
T-6	S3001	1434441.36	484727.53	1434452.43	484757.93	32.36	2'-0"	80.03	79.85	81.50	
EXIST. T-3	S3001	-	-	1433960.44	484837.42	70.08	1'-0"	78.92	78.55	MATCH EXISTING	EXISTING TRENCH DRAIN TO BE EXTENDED



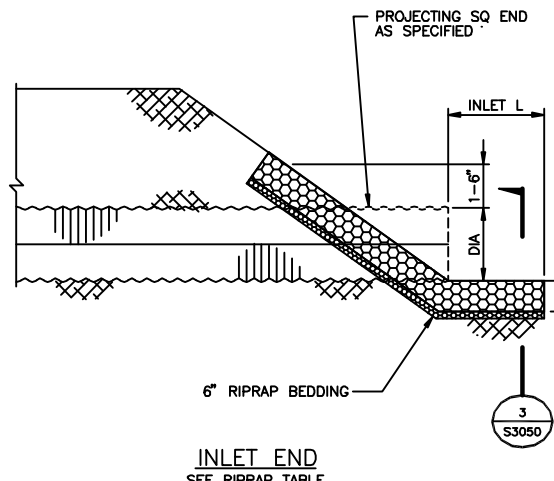
SECTION 1
NO SCALE
SEE DWG S3002



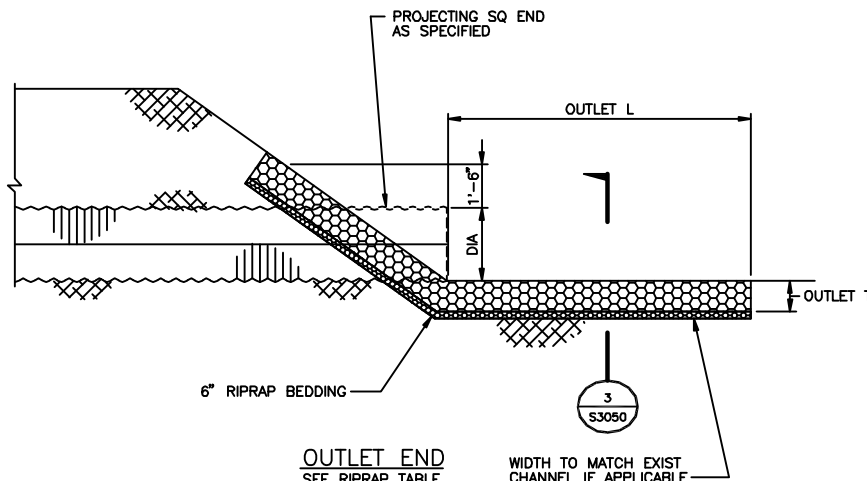
SECTION 2
NO SCALE
SEE DWGS S3001 & S3002



SECTION 3
CULVERT RIPRAP PLAN
NO SCALE



INLET END
SEE RIPRAP TABLE

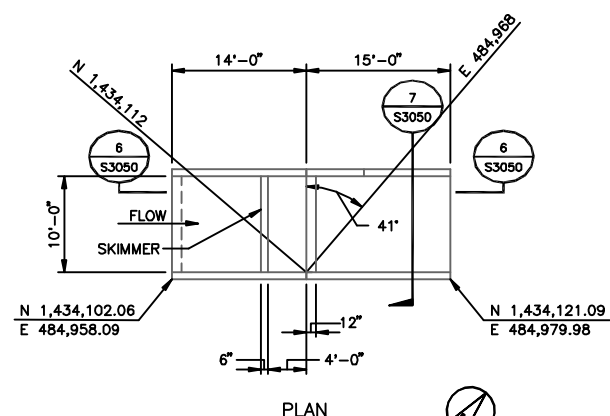


OUTLET END
SEE RIPRAP TABLE

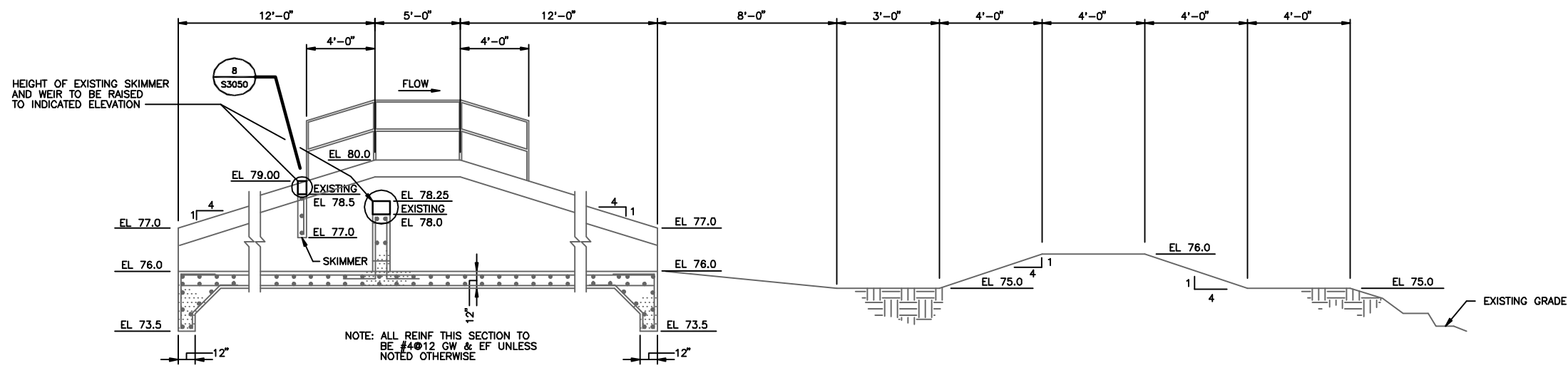
TYPICAL CULVERT RIPRAP
NO SCALE

CULVERT NO.	INLET L	OUTLET L	INLET A	INLET B	OUTLET A	OUTLET B	INLET T	OUTLET T	INLET D50	OUTLET D50	REMARKS
C-1	5	12.67	8	10	8	20	9"	9"	6"	6"	SEE DWG 147651-4STF-S3001 FOR PLAN
C-2	5	37	11	11	11	24.25	9"	9"	6"	6"	SEE DWG 147651-4STF-S3001 FOR PLAN
T-1	5	9.5	4.5	10	4.5	10	9"	9"	6"	6"	SEE DWG 147651-4STF-S3002 FOR PLAN
T-2	-	10	-	-	5	20	-	9"	-	6"	SEE DWG 147651-4STF-S3001 FOR PLAN
T-3	-	6.38	-	-	5	12.75	-	9"	-	6"	SEE DWG 147651-4STF-S3001 FOR PLAN
T-4	-	9	-	-	5	18	-	9"	-	6"	SEE DWG 147651-4STF-S3001 FOR PLAN
T-5	-	10	-	-	5	20	-	9"	-	6"	SEE DWG 147651-4STF-S3001 FOR PLAN
T-6	-	11	-	-	5	22	-	9"	-	6"	SEE DWG 147651-4STF-S3001 FOR PLAN
T-7	-	10	-	-	5	20	-	9"	-	6"	SEE DWG 147651-4STF-S3001 FOR PLAN
T-8	-	11.5	-	-	5	23	-	9"	-	6"	SEE DWG 147651-4STF-S3001 FOR PLAN

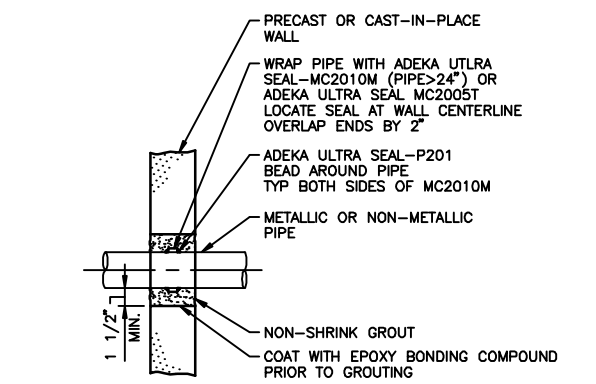
RIPRAP TABLE



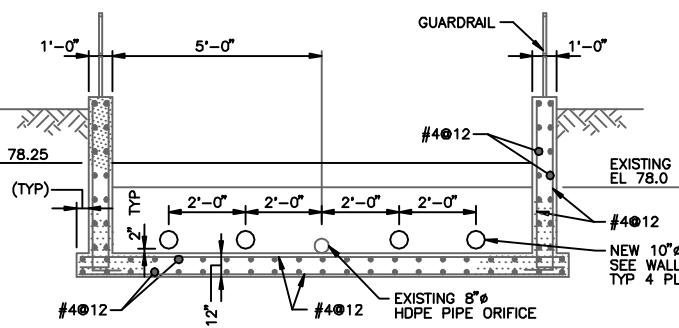
DETAIL 5
EXISTING DISCHARGE STRUCTURE NO. 2
SCALE: 1"=10"
SEE DWG S3003



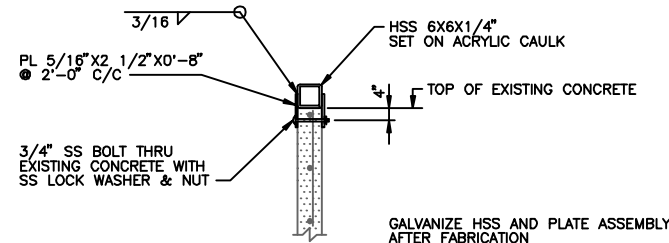
SECTION 6
NO SCALE
SEE THIS DWG



WALL PENETRATION DETAIL
NO SCALE



SECTION 7
NO SCALE
SEE THIS DWG



SECTION 8
NO SCALE
SEE THIS DWG

NOTES

1. SEE DWG S3000 FOR GENERAL NOTES, LEGEND, ABBREVIATIONS AND KEY PLAN.

FOR PERMITTING
PURPOSE ONLY
APPROVED FOR
CONSTRUCTION

FLORIDA MUNICIPAL POWER AGENCY
CANE ISLAND POWER PARK UNIT 4

PROJECT
147651-4STF-S3050

DRAWING NUMBER
0

ENGINEER
JMS

DRAWN
MRR

CHECKED
JMS

DATE
04/01/2008

GRADING AND DRAINAGE - SITE
SECTIONS AND DETAILS

FIGURE 3.8-5

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF FLORIDA.

SIGNED _____
DATE _____ REG. NO. _____

BLACK & VEATCH
CORPORATION

ENGINEER
JMS

DRAWN
MRR

CHECKED
JMS

DATE
04/01/2008

FLORIDA MUNICIPAL POWER AGENCY
CANE ISLAND POWER PARK UNIT 4

PROJECT
147651-4STF-S3050

DRAWING NUMBER
0

GRADING AND DRAINAGE - SITE
SECTIONS AND DETAILS

FIGURE 3.8-5

ACAD 16.1s (LMS Tech)
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0 04/01/2008 ISSUED FOR CONSTRUCTION

NO. DATE REVISIONS AND RECORD OF ISSUE

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