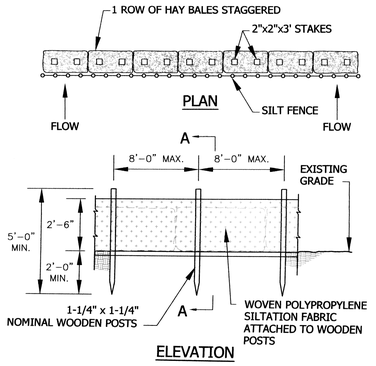
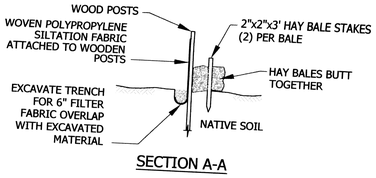
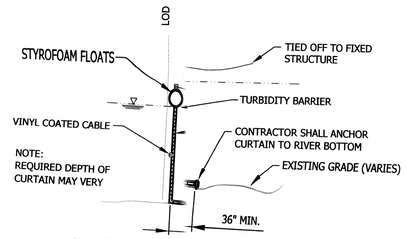
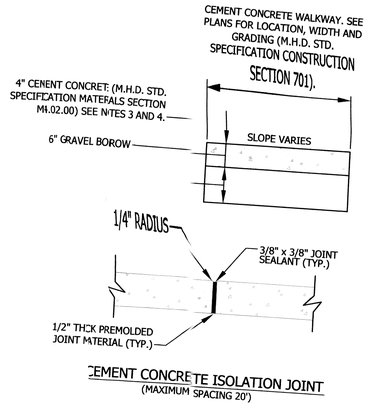




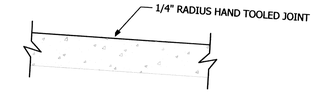
TYPE 1 EROSION CONTROL
NOT TO SCALE



TYPICAL TURBIDITY BARRIER
NOT TO SCALE



CEMENT CONCRETE ISOLATION JOINT
(MAXIMUM SPACING 20')



CEMENT CONCTE CONTROL JOINT
(MINIMUM SPACING 4' S INDICATED ON THE PLANS)

NOTES:

1. CEMENT CONCRETE FORDEWALK SHALL ATTAIN COMPRESSIVE STRENGTH OF 4000 PSI (28 DAYS) WITAIR ENTRAINED CONTENT OF 7% (±1%).
2. ISOLATION JOINTS WITI/4" PREMOLDED EXPANSION JOINT FILLER SHALL BE PLACED EVERY 20 FEET. NTROL JOINTS SHALL BE SPACED AT 4-FT O.C.
3. THE FORCING OF PREMOED EXPANSION JOINT FILLER INTO FRESHLY PLACED CONCRETE WILL NOT BE.OWED.
4. THE MAXIMUM TOLERANOR THE 4" CONCRETE THICKNESS IS ±1/2".
5. GRAVEL BORROW SHALLNFORM TO M.H.D. STD. SPECIFICATION MATERIALS SECTION M1.03.0 (TYPE
6. CONCRETE SHALL BE BRI FINISHED WITH TOOLED EDGES.

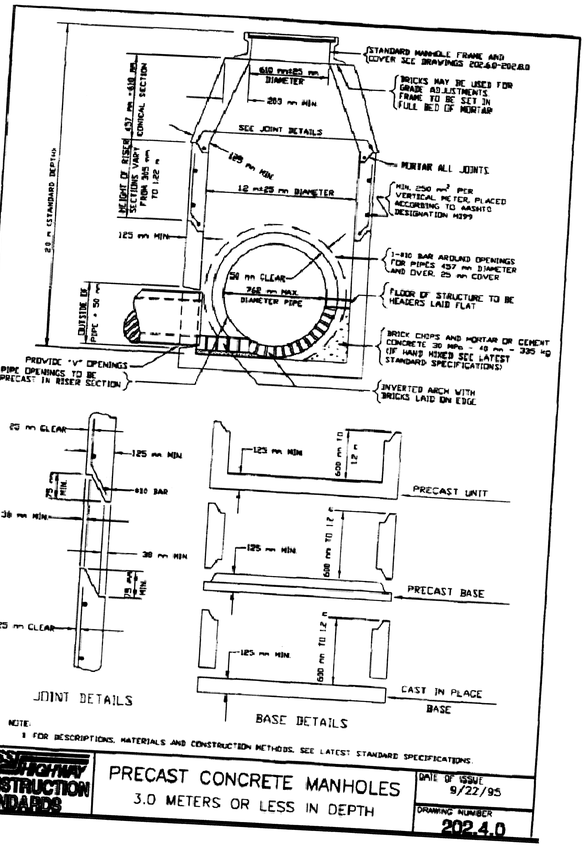
CEMENT CONCRETE SIDEWALK DETL
NOT TO SCALE

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

PARE
PARE ENGINEERING CORPORATION
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401 - 334 - 4100

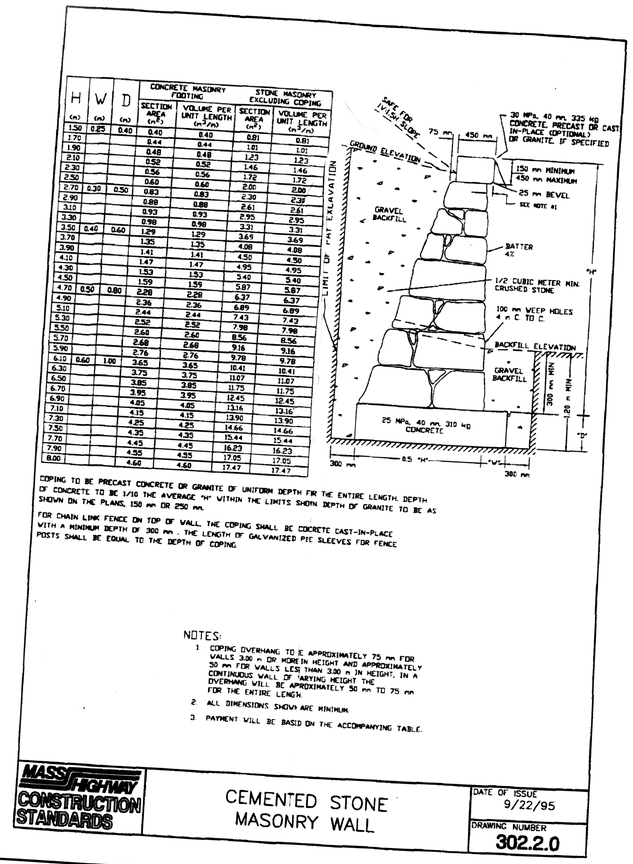
OLD GRIST MILL POND DAM

MA02218
SEEKONK, MASSACHUSETTS
DARDEN RESTAURANTS
ORLANDO, FLORIDA



NOTE:
1 FOR DESCRIPTIONS, MATERIALS AND CONSTRUCTION METHODS, SEE LATEST STANDARD SPECIFICATIONS.

MASSHIGHWAY CONSTRUCTION STANDARDS	PRECAST CONCRETE MANHOLES 3.0 METERS OR LESS IN DEPTH	DATE OF ISSUE 9/22/95
		DRAWING NUMBER 202.4.0



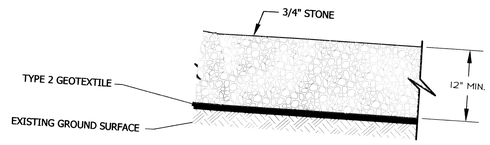
H (m)	W (m)	D (m)	CONCRETE MASONRY FOOTING SECTION AREA (m²)	CONCRETE MASONRY FOOTING VOLUME PER UNIT LENGTH (m³/m)	STONE MASONRY EXCLUDING COPING SECTION AREA (m²)	STONE MASONRY EXCLUDING COPING VOLUME PER UNIT LENGTH (m³/m)
1.70			0.40	0.40	0.81	0.81
1.90			0.48	0.44	1.01	1.01
2.10			0.52	0.48	1.23	1.23
2.30			0.56	0.52	1.46	1.46
2.50			0.60	0.56	1.72	1.72
2.70	0.30	0.50	0.83	0.60	2.00	2.00
2.90			0.88	0.83	2.39	2.39
3.10			0.93	0.88	2.61	2.61
3.30			0.98	0.93	2.95	2.95
3.50	0.40	0.60	1.29	1.29	3.31	3.31
3.70			1.35	1.35	3.69	3.69
3.90			1.41	1.41	4.00	4.00
4.10			1.47	1.47	4.50	4.50
4.30			1.53	1.53	4.95	4.95
4.50			1.59	1.59	5.40	5.40
4.70	0.50	0.80	2.28	2.28	5.87	5.87
4.90			2.36	2.36	6.37	6.37
5.10			2.44	2.44	6.89	6.89
5.30			2.52	2.52	7.43	7.43
5.50			2.60	2.60	7.98	7.98
5.70			2.68	2.68	8.56	8.56
5.90			2.76	2.76	9.16	9.16
6.10	0.60	1.00	3.65	3.65	9.78	9.78
6.30			3.75	3.75	10.41	10.41
6.50			3.85	3.85	11.07	11.07
6.70			3.95	3.95	11.75	11.75
6.90			4.05	4.05	12.45	12.45
7.10			4.15	4.15	13.16	13.16
7.30			4.25	4.25	13.90	13.90
7.50			4.35	4.35	14.66	14.66
7.70			4.45	4.45	15.44	15.44
7.90			4.55	4.55	16.23	16.23
8.00			4.60	4.60	17.05	17.05
					17.47	17.47

COPING TO BE PRECAST CONCRETE OR GRANITE OF UNIFORM DEPTH FR THE ENTIRE LENGTH. DEPTH OF CONCRETE TO BE 1/10 THE AVERAGE "H" WITHIN THE LIMITS SHOWN. DEPTH OF GRANITE TO BE AS SHOWN ON THE PLANS, 150 mm OR 250 mm.

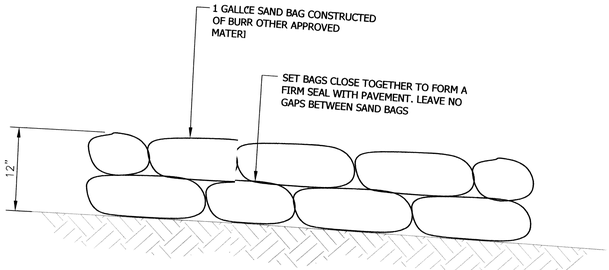
FOR CHAIN LINK FENCE ON TOP OF WALL, THE COPING SHALL BE CONCRETE CAST-IN-PLACE WITH A MINIMUM DEPTH OF 300 mm. THE LENGTH OF GALVANIZED PIE SLEEVES FOR FENCE POSTS SHALL BE EQUAL TO THE DEPTH OF COPING.

NOTES:
1. COPING OVERHANG TO E APPROXIMATELY 75 mm FOR WALLS 3.00 m OR MORE IN HEIGHT AND APPROXIMATELY 50 mm FOR WALLS LESS THAN 3.00 m IN HEIGHT. IN A CONTINUOUS WALL OF VARYING HEIGHT THE OVERHANG WILL BE APPROXIMATELY 50 mm TO 75 mm FOR THE ENTIRE LENGTH.
2. ALL DIMENSIONS SHOWN ARE MINIMUM.
3. PAYMENT WILL BE BASID ON THE ACCOMPANYING TABLE.

MASSHIGHWAY CONSTRUCTION STANDARDS	CEMENTED STONE MASONRY WALL	DATE OF ISSUE 9/22/95
		DRAWING NUMBER 302.2.0



CONSTRUCTION ENTRANCE
NOT TO SCALE



9 BAG BARRIER
I SCALE

TIMOTHY J. MUSILE
No. 40396
REGISTERED PROFESSIONAL ENGINEER

REVISIONS:

–		

PROJECT NO.:	08227.00
DATE:	DECEMBER 2008
SCALE:	AS NOTED
DESIGNED BY:	
CHECKED BY:	JMB
DRAWN BY:	GLB
APPROVED BY:	JMB

DRAWING TITLE:
DETAILS

DRAWING NO.: 5

SHEET NO. 5 OF 5