

STATE OF RHODE ISLAND
DEPARTMENT OF ADMINISTRATION

WETLANDS PRELIMINARY DETERMINATION
DRAWINGS

FOR THE

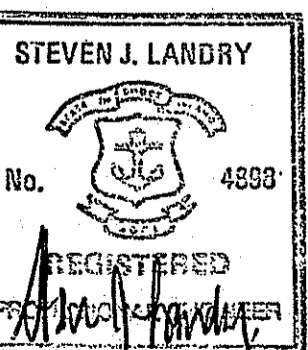
ZAMBARANO HOSPITAL
WATER TREATMENT UPGRADE

ISSUED FOR RIDEM
REVIEW AND PERMITTING
Not for Construction

JANUARY, 2008

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED MAR 24 2008 FILE # 08-0013
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Nancy L. Freeman



JAN 30 2008



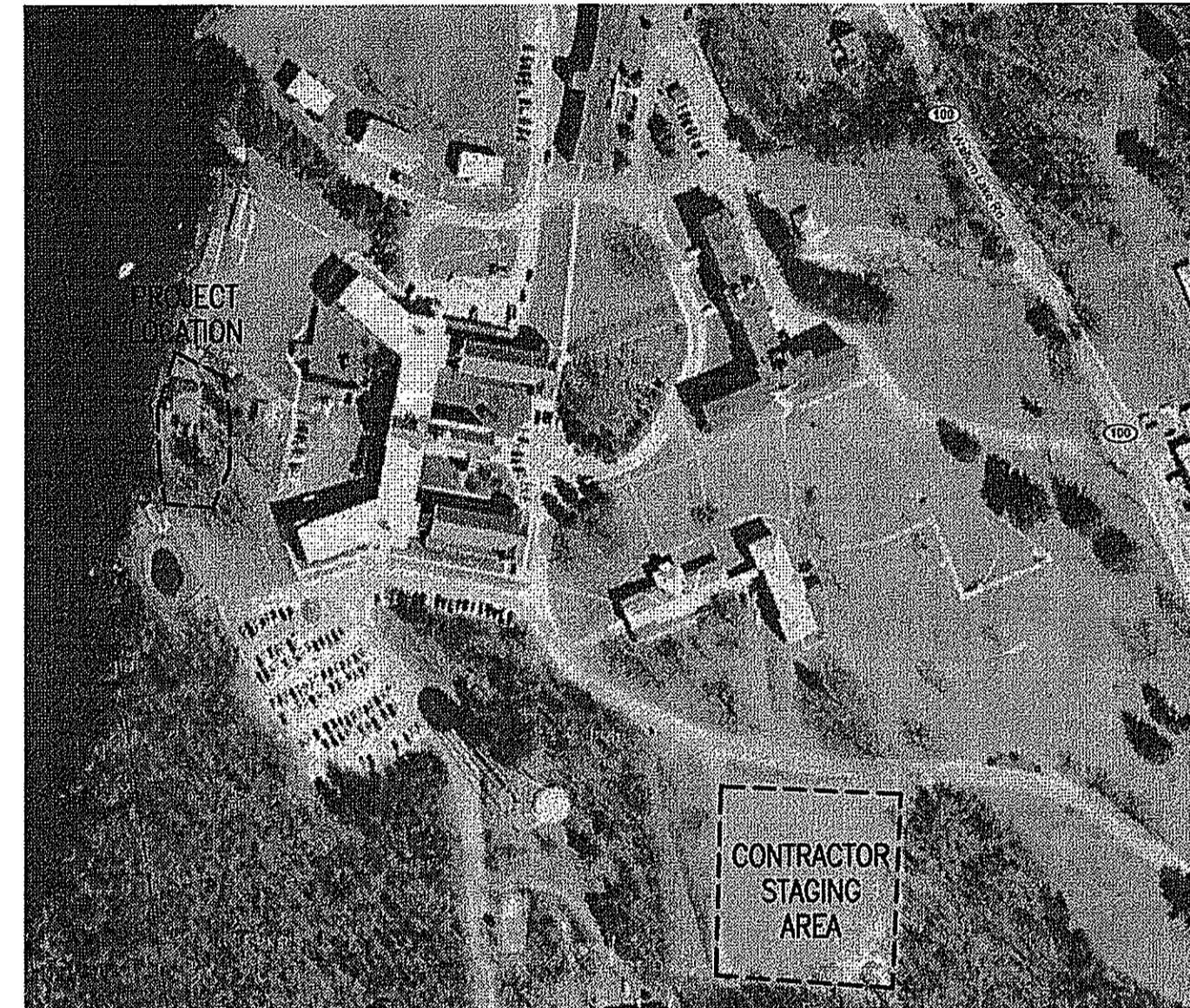
Maguire Group Inc.
Architects / Engineers / Planners
225 Chapman Street
Providence, Rhode Island 02905

GENERAL NOTES

1. THE EXISTENCE OF UTILITIES & APPURTENANCES, AS SHOWN ON THESE DRAWINGS ARE FOR REFERENCE ONLY; THE EXACT SIZE, TYPE, LOCATION AND ELEVATION SHALL BE THOROUGHLY INVESTIGATED BY EACH CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
2. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED BY THE GENERAL CONTRACTOR TO ORIGINAL CONDITIONS AT NO ADDITIONAL EXPENSE TO THE OWNER.
3. ALL SITE FEATURES DISTURBED BY CONSTRUCTION SHALL BE REPLACED OR RESET BY THE GENERAL CONTRACTOR IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. FEATURES TO INCLUDE, BUT NOT BE LIMITED TO, PAVEMENT, GRASSED AREAS, CURBING, CATCH BASINS, ETC.
4. THE GENERAL CONTRACTOR SHALL CONFINE HIS OPERATIONS AND ACTIVITIES FOR CONSTRUCTION PURPOSES WITHIN THE LIMITS SET BY THE OWNER.
5. UNDER NO CIRCUMSTANCES, SHALL ANY CONTRACTOR BE ALLOWED TO START ANY KIND OF EXCAVATION WORK PRIOR TO HIS OBTAINING ALL THE NECESSARY INFORMATION REGARDING THE LOCATION OF UNDERGROUND UTILITIES AT THE SITE. IT SHALL BE EACH CONTRACTOR'S RESPONSIBILITY TO CONTACT DIG SAFE (888-344-7233) AND/OR ALL UTILITIES TO HAVE ALL UTILITIES MARKED ON THE SITE PRIOR TO STARTING THE WORK. REFER TO THE CONTRACT SPECIFICATIONS - TECHNICAL SPECIFICATIONS, SECTION 01010.
6. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH MUNICIPAL / STATE / FEDERAL SPECIFICATIONS AND STANDARDS WHERE APPLICABLE.
7. ALL WORK SHALL COMPLY WITH THE OSHA REQUIREMENTS DICTATED BY FIELD CONDITIONS.
8. ALL STRUCTURES, CHAMBERS, AND PIPES WHICH ARE PART OF THE COMPLETED WORK, SHALL BE THOROUGHLY CLEANED AND MADE OPERATIONAL BY THE GENERAL CONTRACTOR PRIOR TO FINAL ACCEPTANCE BY THE OWNER, AT NO ADDITIONAL COST TO THE OWNER.
9. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED MUNICIPAL, STATE, OR FEDERAL PERMITS AND APPROVALS. THE COST FOR, AND EXPENSES RELATED TO, ANY REQUIRED PERMIT SHALL BE PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. ALL REQUIRED PERMITS SHALL BE OBTAINED PRIOR TO BEGINNING WORK.
10. AFTER ANY LAND SURVEYING WORK REQUIRED HAS BEEN COMPLETED, BUT PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY, THE GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL SEDIMENT AND EROSION CONTROL DEVICES REQUIRED BY THESE CONTRACT DOCUMENTS. THE VARIOUS DEVICES SHALL BE PROVIDED AND INSTALLED IN COMPLETE COMPLIANCE WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS. THE GENERAL CONTRACTOR SHALL IMMEDIATELY PROVIDE, UPON ORDER FROM THE ENGINEER, SUPPLEMENTAL PERMANENT AND/OR TEMPORARY SOIL EROSION CONTROL, AND/OR SEDIMENT CONTROL DEVICES. SUPPLEMENTAL MATERIALS AND METHODS SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY, WITH THE ACKNOWLEDGEMENT OF THE ENGINEER. ALL SUCH DEVICES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE WORK AND SHALL BE REMOVED ONLY WHEN AUTHORIZED BY THE ENGINEER.
11. SURVEY INFORMATION OBTAINED BY ON-SITE SURVEY, PERFORMED BY NORTHEAST ENGINEERS AND CONSULTANTS, INC. OF 55 JOHN CLARKE ROAD, MIDDLETOWN, RI DATED OCTOBER 29, 2007.

LIST OF DRAWINGS

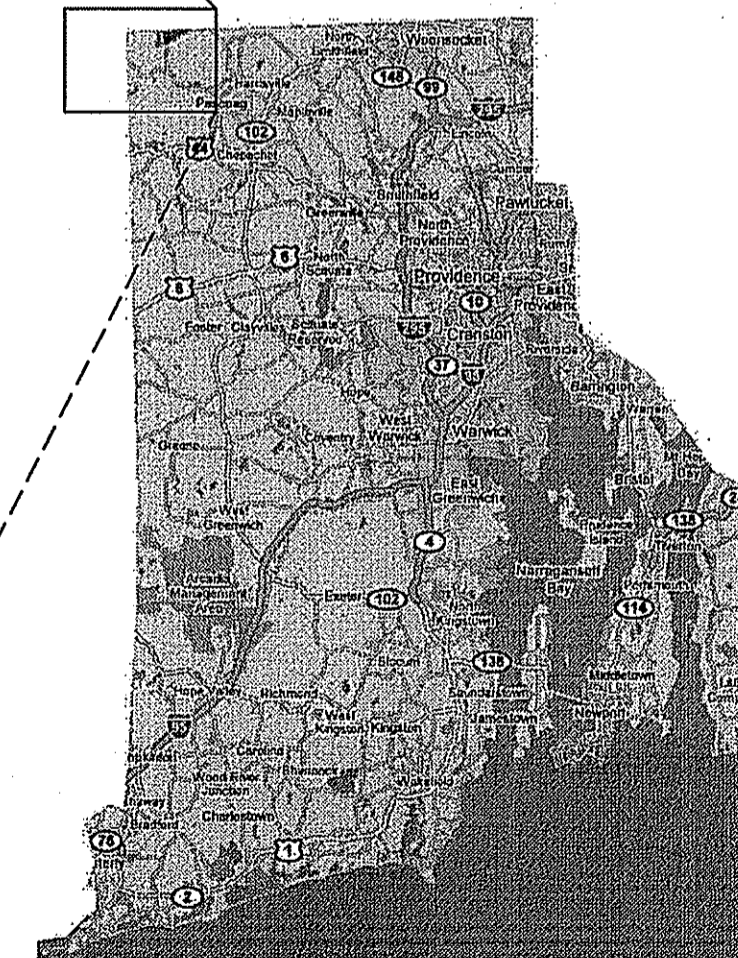
DRAWING NUMBER	DRAWING TITLE
GENERAL	
1	TITLE SHEET
2	GENERAL NOTES, LOCATION PLAN, LEGEND, & LIST OF DRAWINGS
3	EXISTING SITE PLAN
4	YARD PIPING GRADING/PAVING PLAN
5	ENVIRONMENTAL CONTROLS
6	MISCELLANEOUS SITE DETAILS



FACILITY



REGION

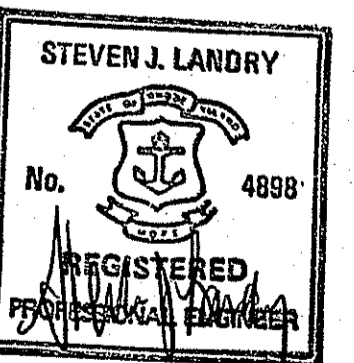


STATE

LOCUS PLANS

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
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Nancy L. Freeman



JAN 30 2008

DRAWING FILE: N:\Projects\17329\ACAD\DWG\17329.mxd PLOTTED: Jan 29, 2008 4:39pm BY: MMS

THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING

ISSUED FOR REVIEW
 1/29/2008
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 225 Chapman Street
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MARK	DATE	DESCRIPTION	BY	APP'D

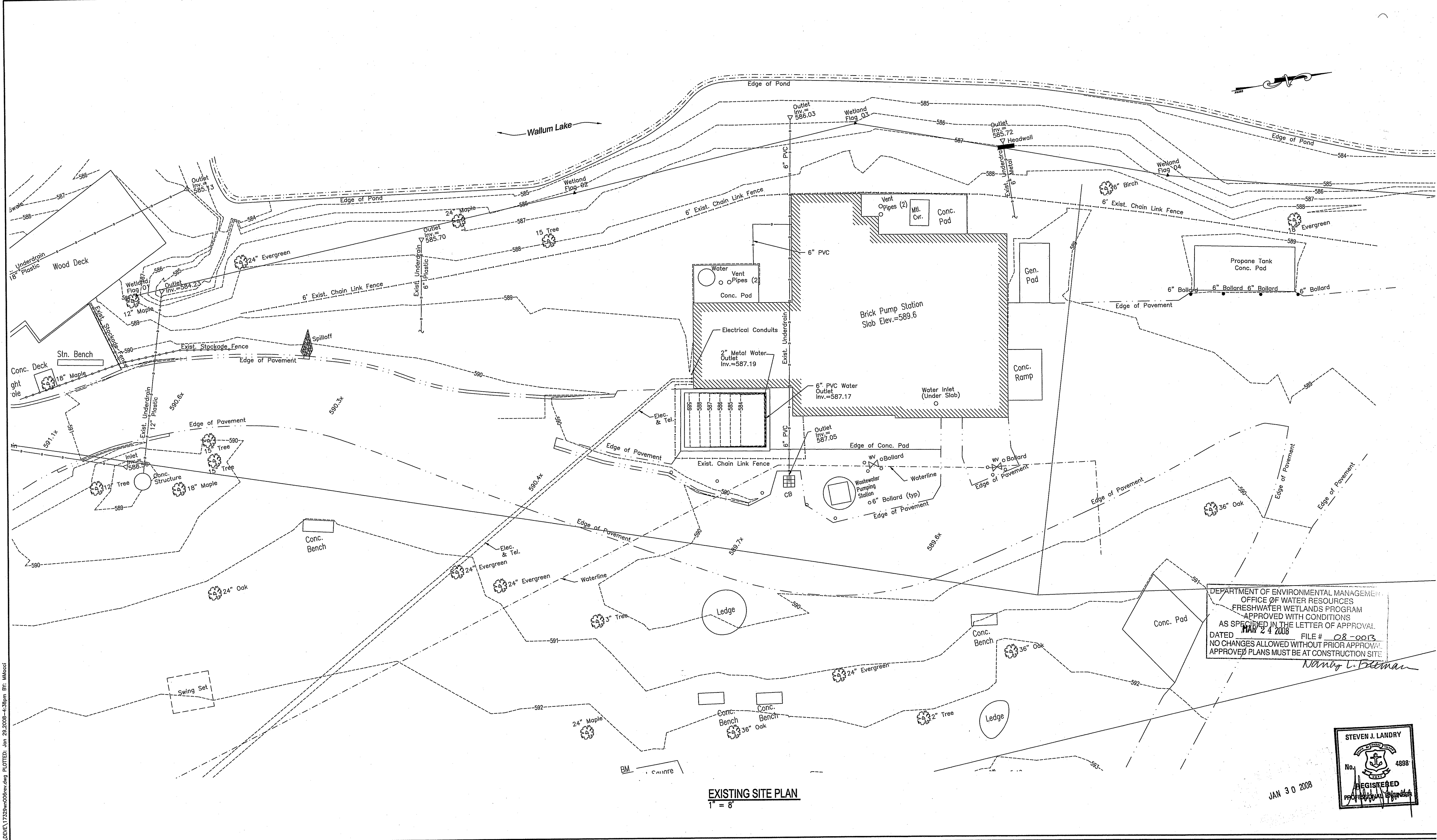
PROJECT NO.:	17329
DESIGNED BY:	WN
DRAWN BY:	GMP
CHK'D BY:	
DATE:	1/29/2008
SCALE:	NOT TO SCALE

**FULL SCALE ION EXCHANGE PILOT
 ZAMBARANO HOSPITAL**
**GENERAL NOTES, LOCUS PLAN,
 & LIST OF DRAWINGS**

SHEET NO.

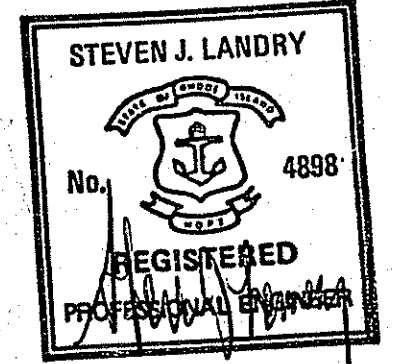
2 of 6

SHEET 2 OF 14



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Nancy L. Feldman



JAN 30 2008

EXISTING SITE PLAN
 1" = 8'

DRAWING FILE: H:\Projects\17329\Acad\DEVELOPMENT\17329.mxd PLOTTED: Jan 29, 2008 - 4:38pm BY: MJK/ed

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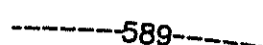

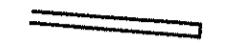
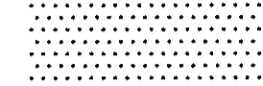


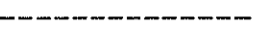


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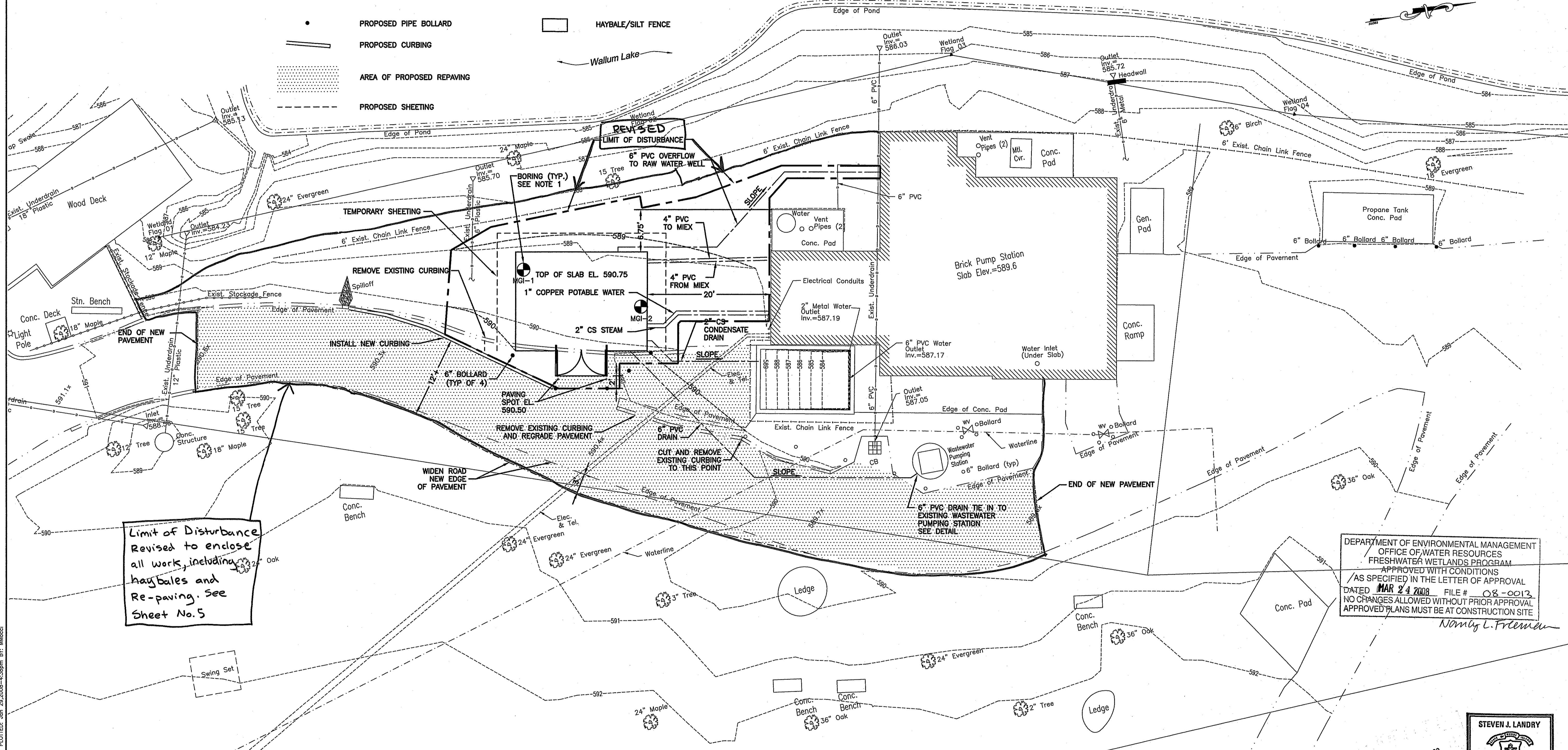
PROJECT NO.: 17329
 DESIGNED BY: WN
 DRAWN BY: GMP
 CHK'D BY:
 DATE: 1/29/2008
 SCALE: 1"=8'

FULL SCALE ION EXCHANGE PILOT
ZAMBARANO HOSPITAL
EXISTING SITE PLAN

SHEET NO.
3 of 6
 SHEET 5 OF 1

LEGEND:

-  BORING LOCATION AND DESIGNATION
-  PROPOSED BURIED YARD PIPING
-  PROPOSED GRADING CONTOUR
-  PROPOSED PIPE BOLLARD
-  PROPOSED CURBING
-  AREA OF PROPOSED REPAVING
-  PROPOSED SHEETING
-  EXISTING FENCE
-  EXISTING CONTOUR
-  LIMIT OF DISTURBANCE
-  HAYBALE/SILT FENCE



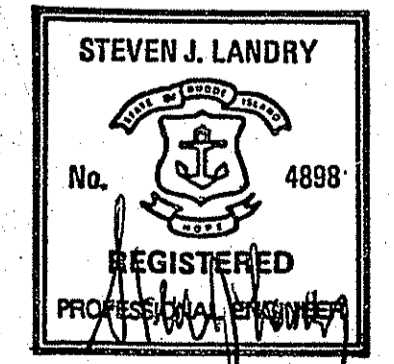
Limit of Disturbance Revised to enclose all work, including haybales and Re-paving. See Sheet No. 5

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Nancy L. Freeman

NOTES:

1. BORING LOGS AND SOIL SAMPLE GRAIN SIZE ANALYSES ARE ATTACHED TO THE EARTHWORK SPECIFICATION, 02300

YARD PIPING, GRADING AND PAVING SITE PLAN
 1" = 8'



JAN 30 2008

DRAWING FILE: N:\Projects\17329\MCD\REV\17329.mcd REVISED: 1/29/2008 4:38pm BY: MMac

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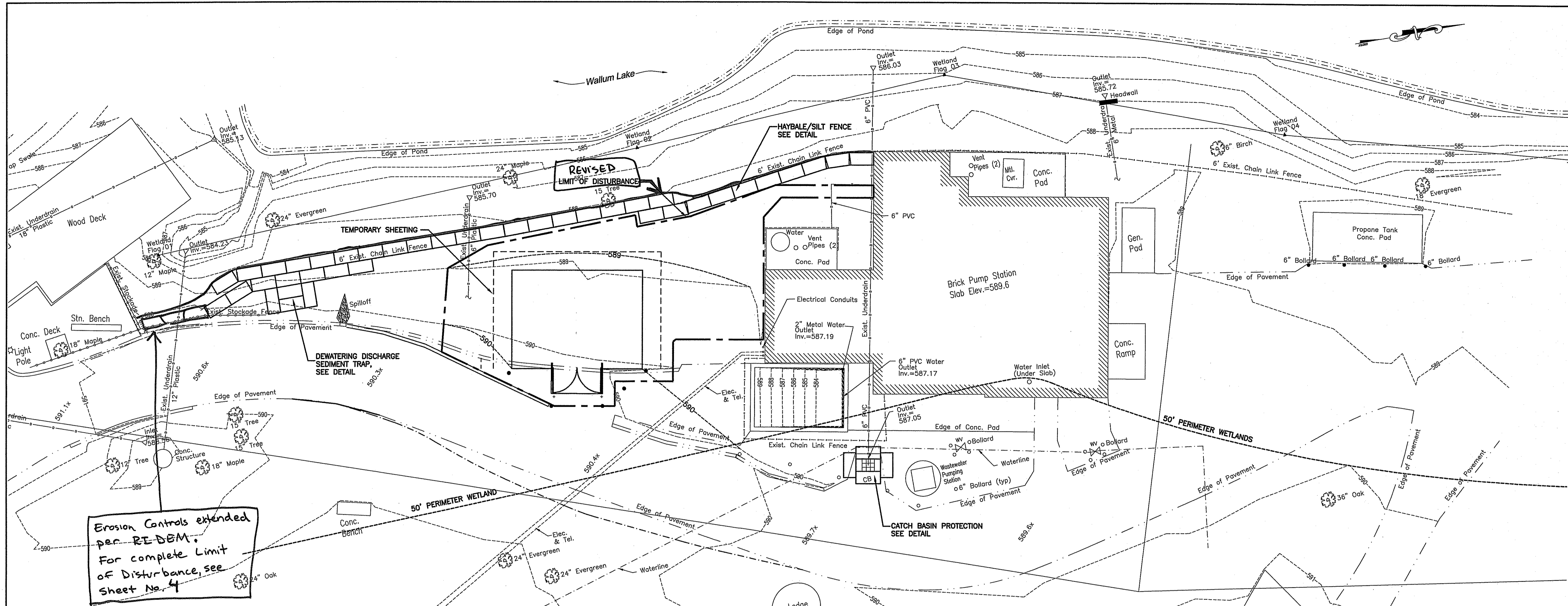
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MARK	DATE	DESCRIPTION	BY	APP'D

PROJECT NO.:	17329
DESIGNED BY:	WN
DRAWN BY:	GMP
CHK'D BY:	
DATE:	1/29/2008
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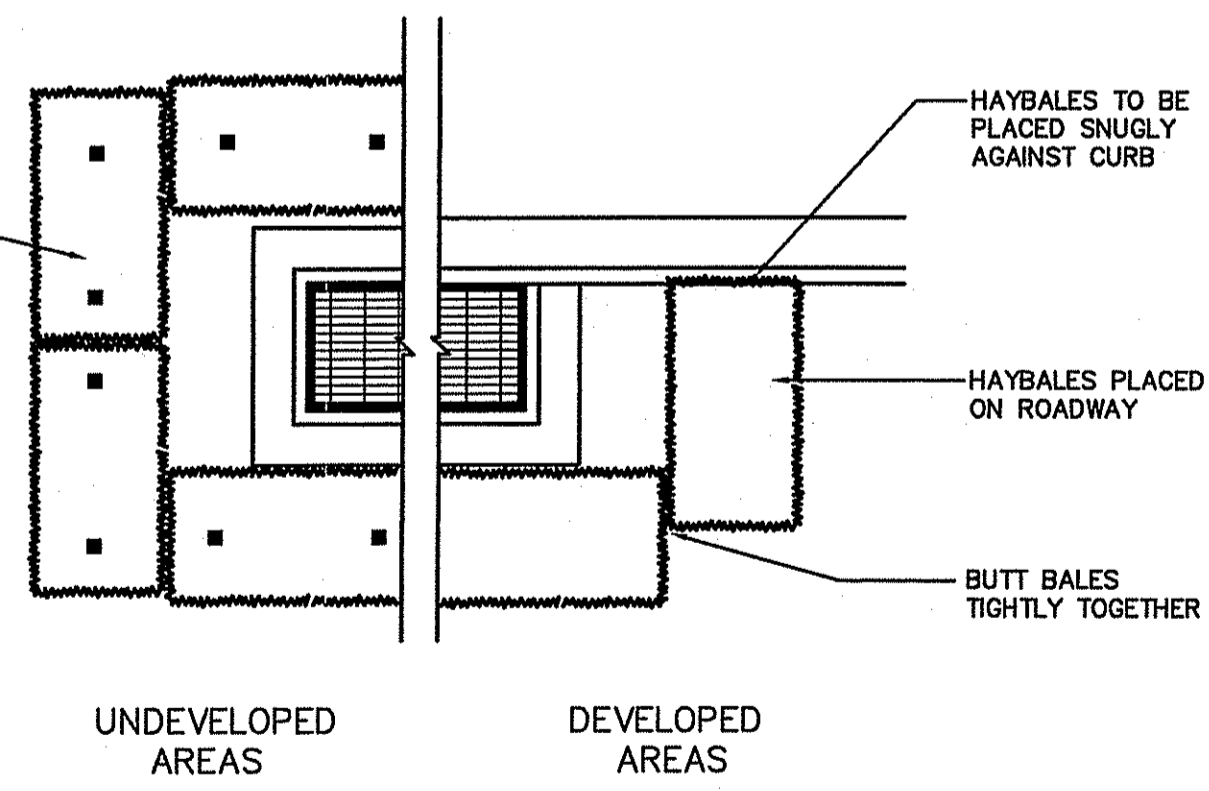
FULL SCALE ION EXCHANGE PILOT
ZAMBARANO HOSPITAL
PROPOSED
GRADING AND PAVING PLAN

SHEET NO.
4 of 6
 SHEET 5 OF 14

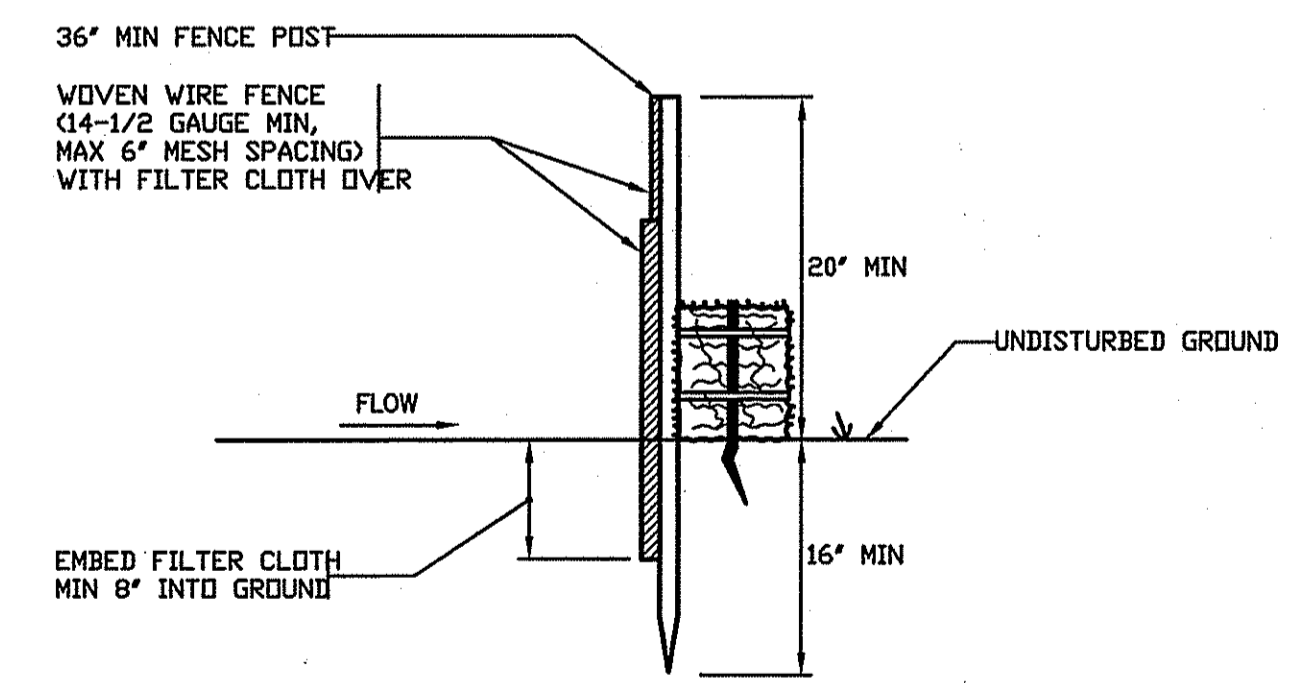


ENVIRONMENTAL CONTROLS SITE PLAN
1" = 8'

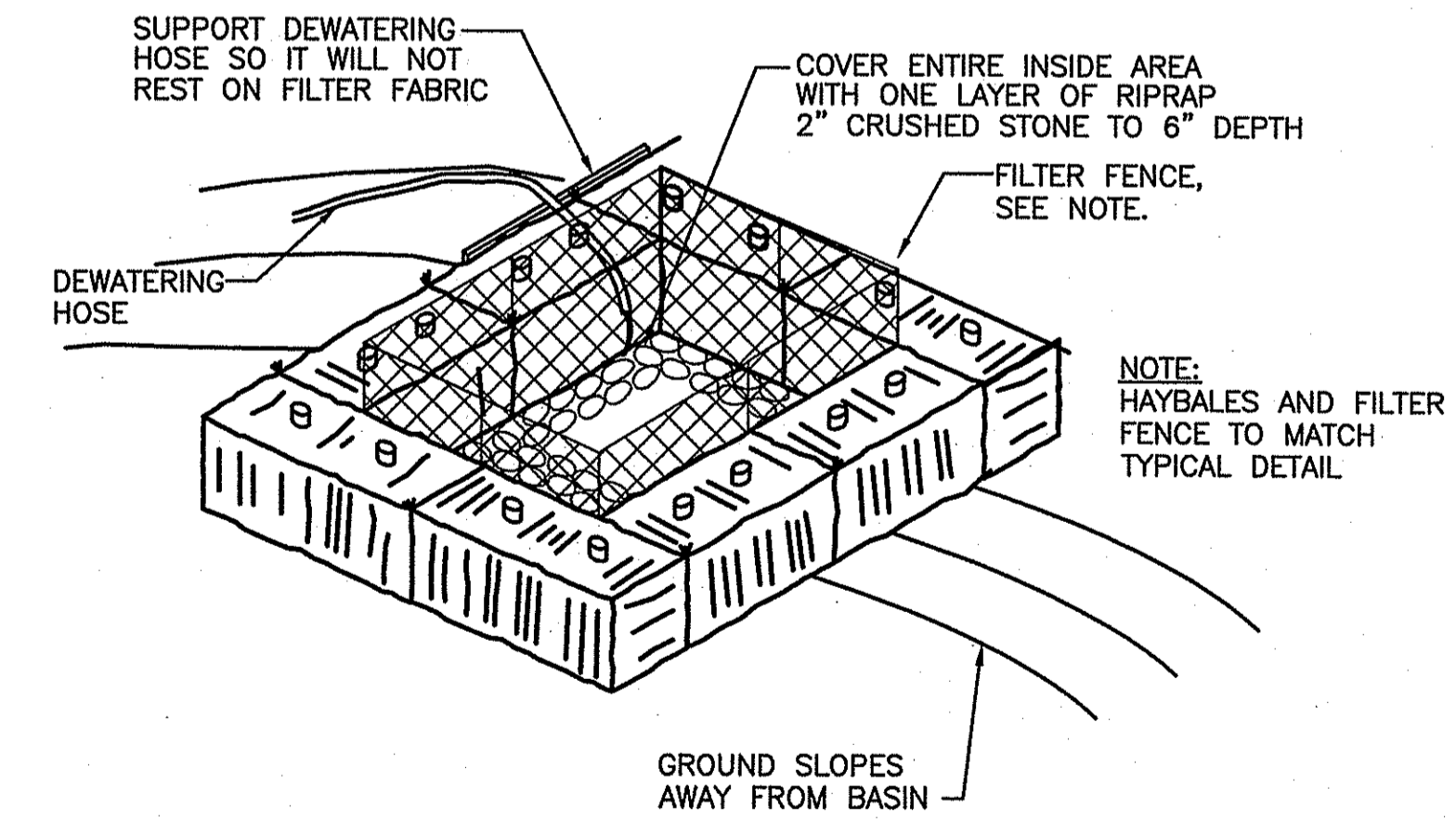
Erosion Controls extended per RE-DBM. For complete Limit of Disturbance, see Sheet No. 4



HAY BALE EROSION PROTECTION AT CATCH BASIN

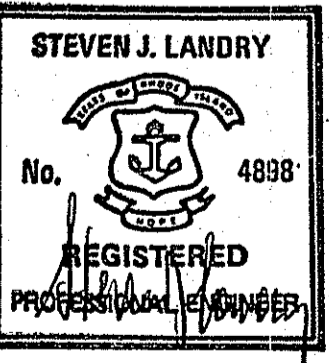


COMBINED STRAW BALE DIKE AND SILT FENCE
NOT TO SCALE



DEWATERING SEDIMENT TRAP
N.T.S.

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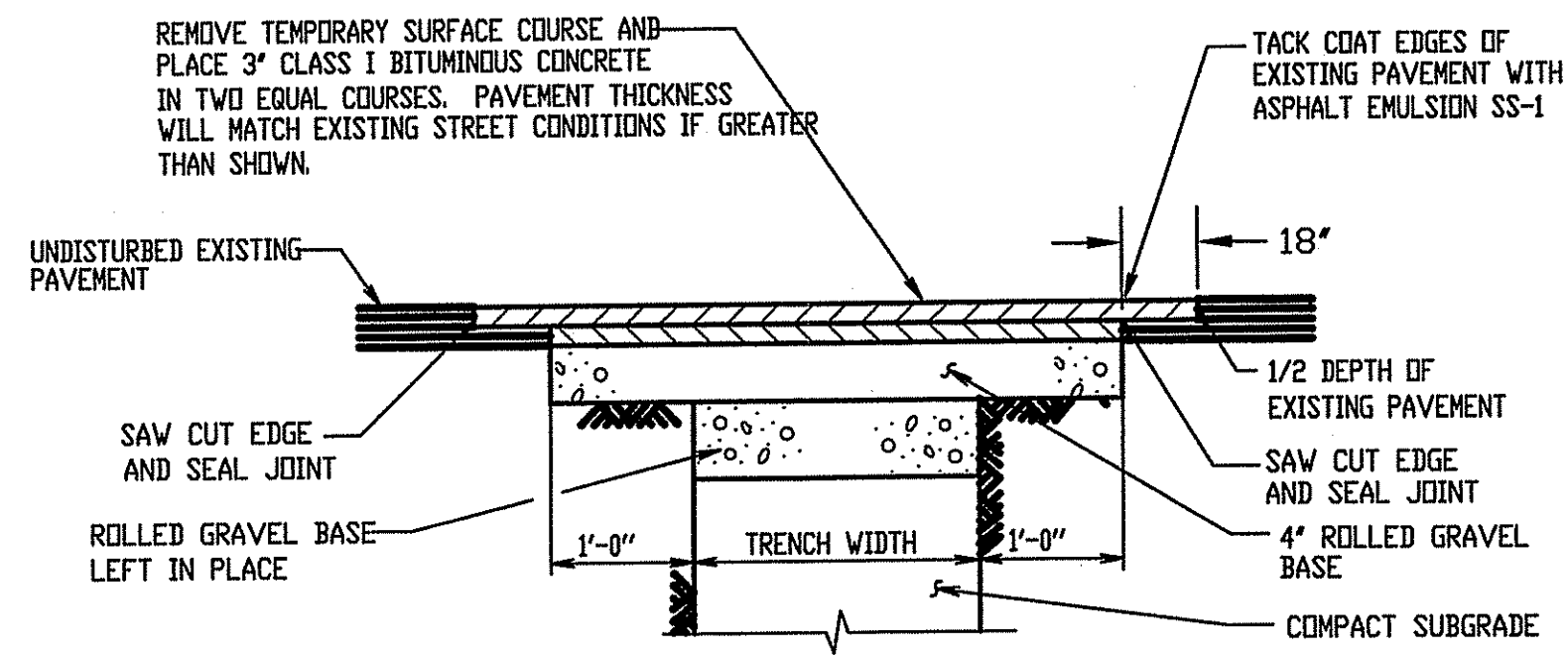
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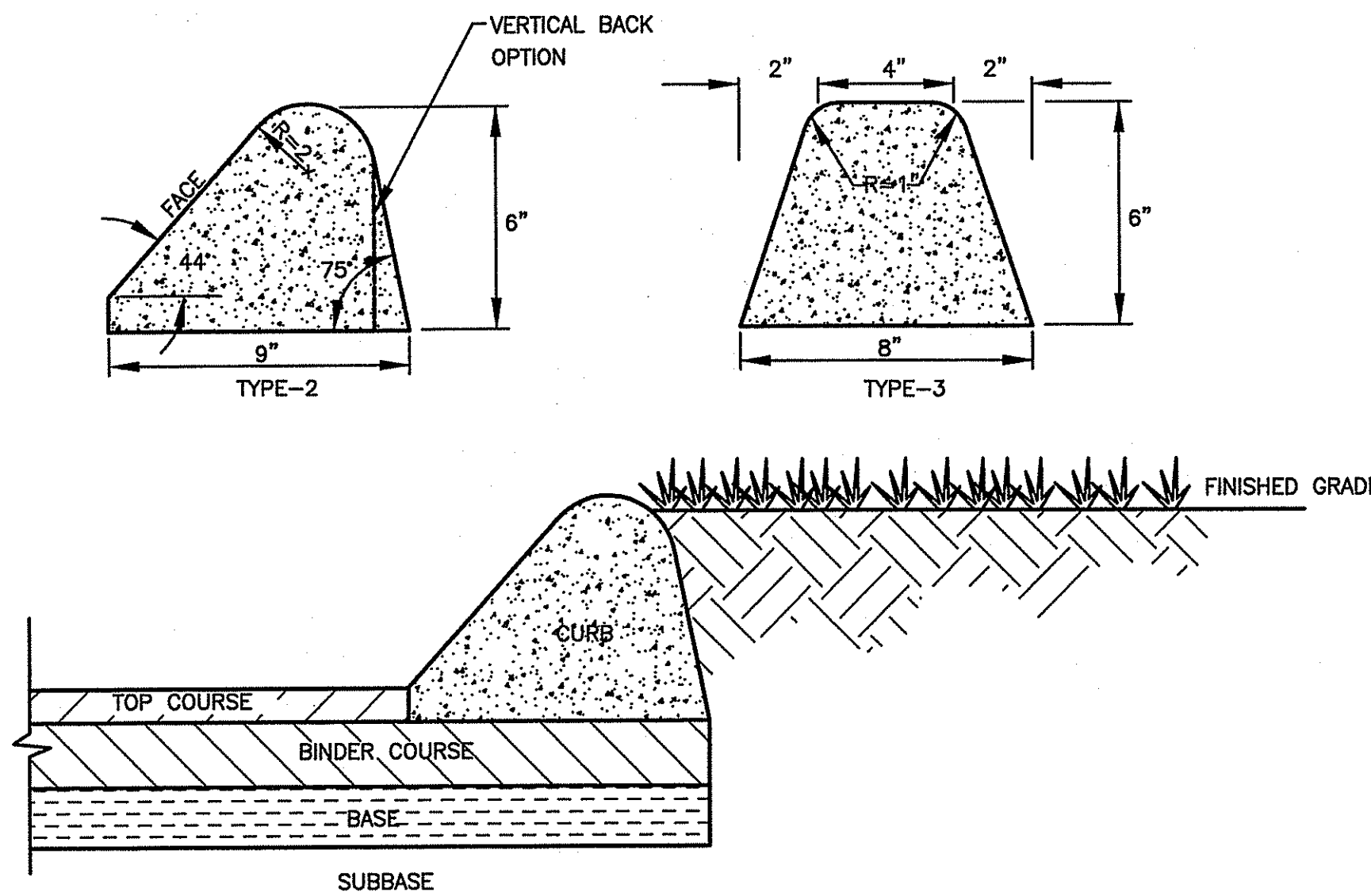
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DRAWN BY:	GMP
CHK'D BY:	
DATE:	1/29/2008
SCALE:	1" = 8'

**FULL SCALE ION EXCHANGE PILOT
ZAMBARANO HOSPITAL**
**ENVIRONMENTAL CONTROLS SITE PLAN
AND DETAILS**

SHEET NO.
5 of 6
SHEET 5 OF 14



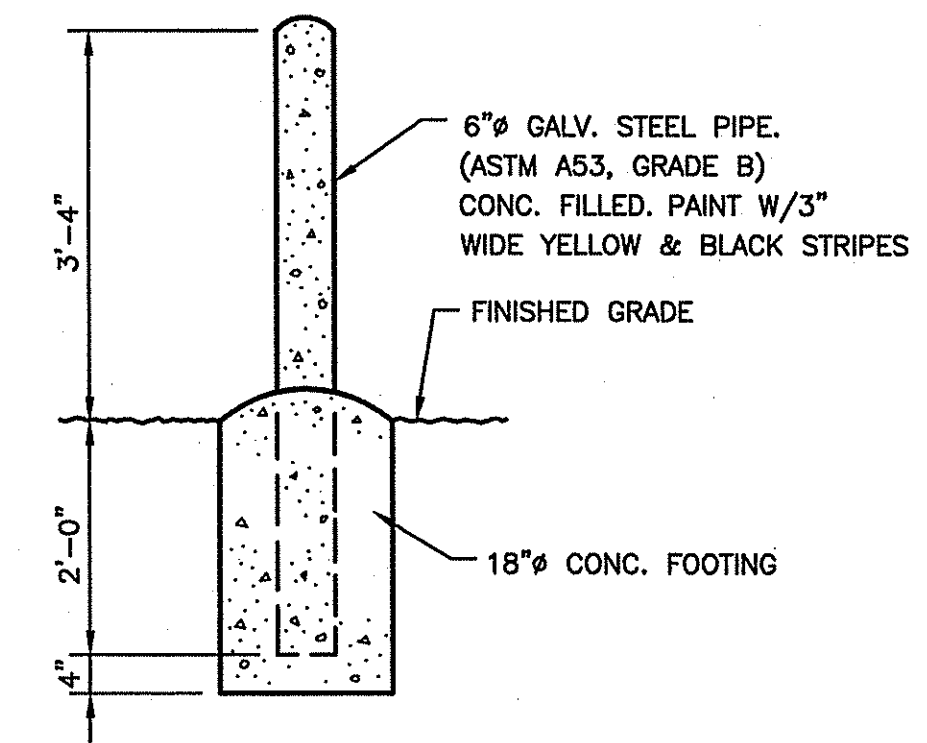
PERMANENT PAVEMENT RESTORATION AND NEW PAVING DETAIL



NOTES:

CURB TO BE CONSTRUCTED ON COMPACTED BINDER COURSE PRIOR TO CONSTRUCTION OF WEARING COURSE.

BITUMINOUS CONCRETE CURB

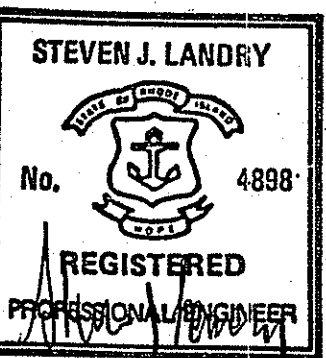


GUARD POST / BOLLARD

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DATE:	1/29/2008
SCALE:	AS NOTED

FULL SCALE ION EXCHANGE PILOT ZAMBARANO HOSPITAL

MISCELLANEOUS SITE DETAILS

SHEET NO.
6 of 6
SHEET 11 OF 14