

TERTIARY FILTER BUILDING

SIDESTREAM STORAGE TANK

SLUDGE CAKE STORAGE PAD

- NOTES:
- 1. CONTRACTOR SHALL INSTALL BOND BREAKER BETWEEN EXISTING CONCRETE AND NEW CONCRETE.
 - 2. ALL UNDERGROUND FITTINGS SHALL BE MECHANICAL JOINT.

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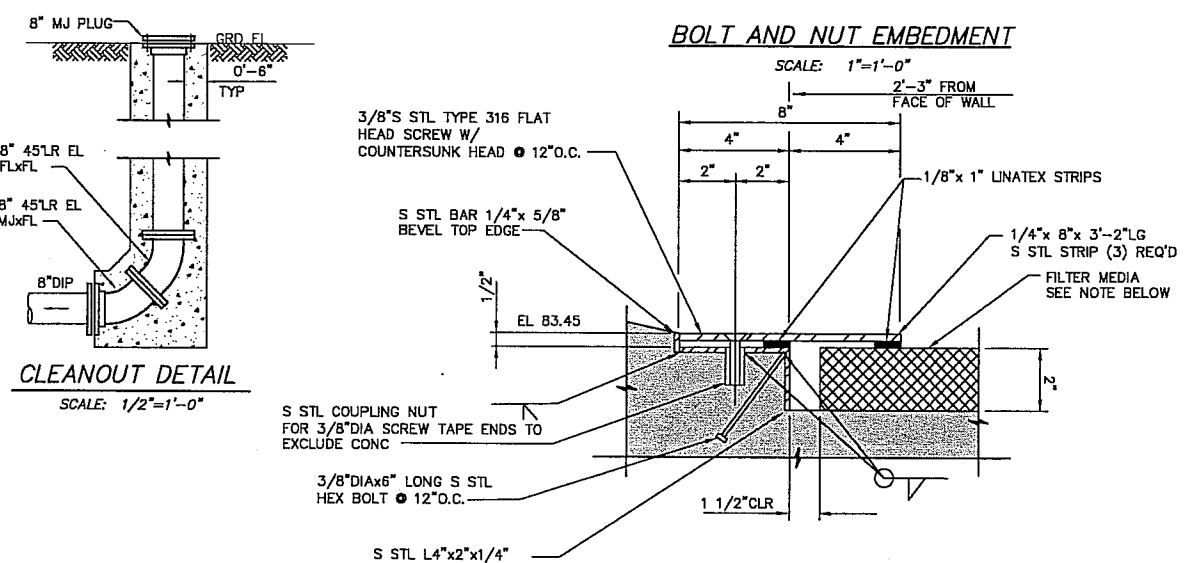
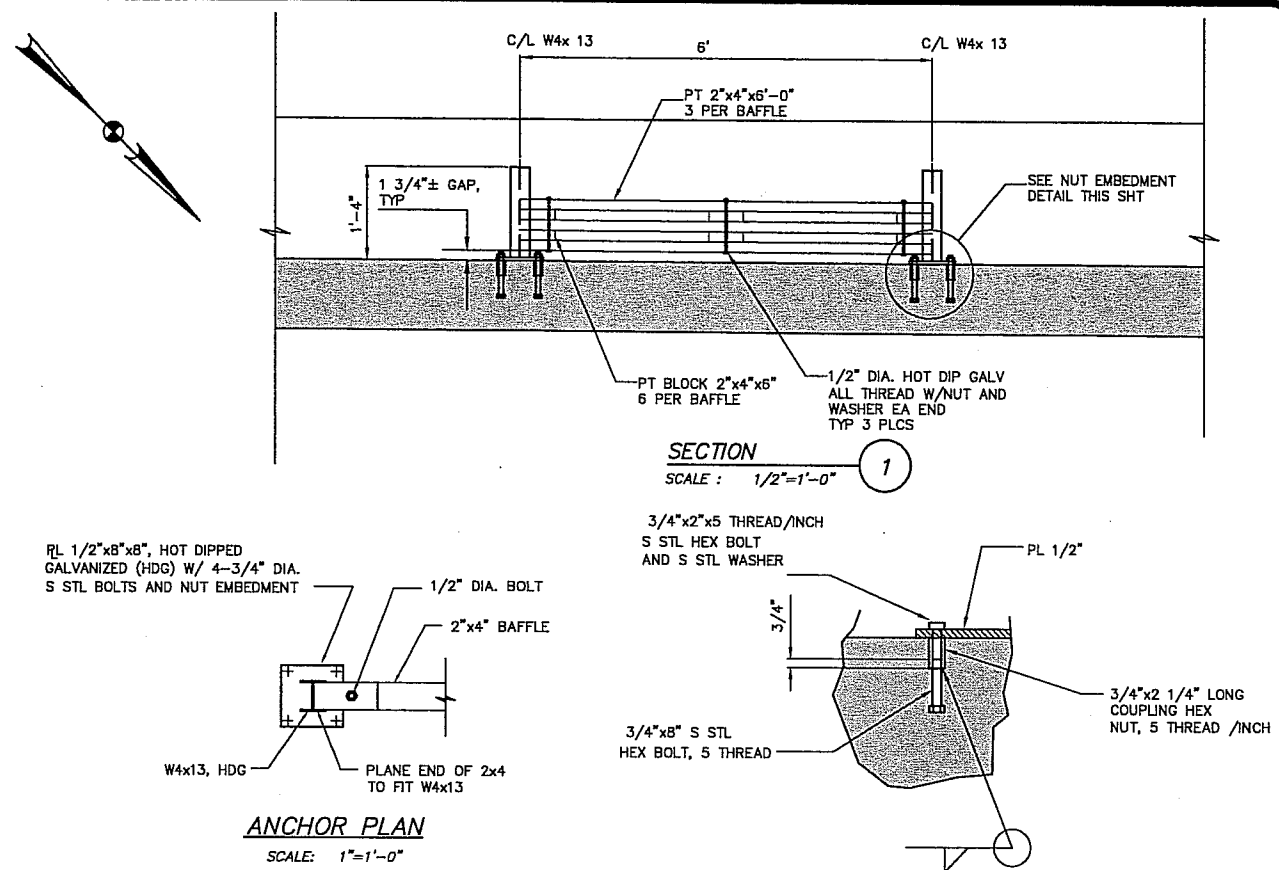
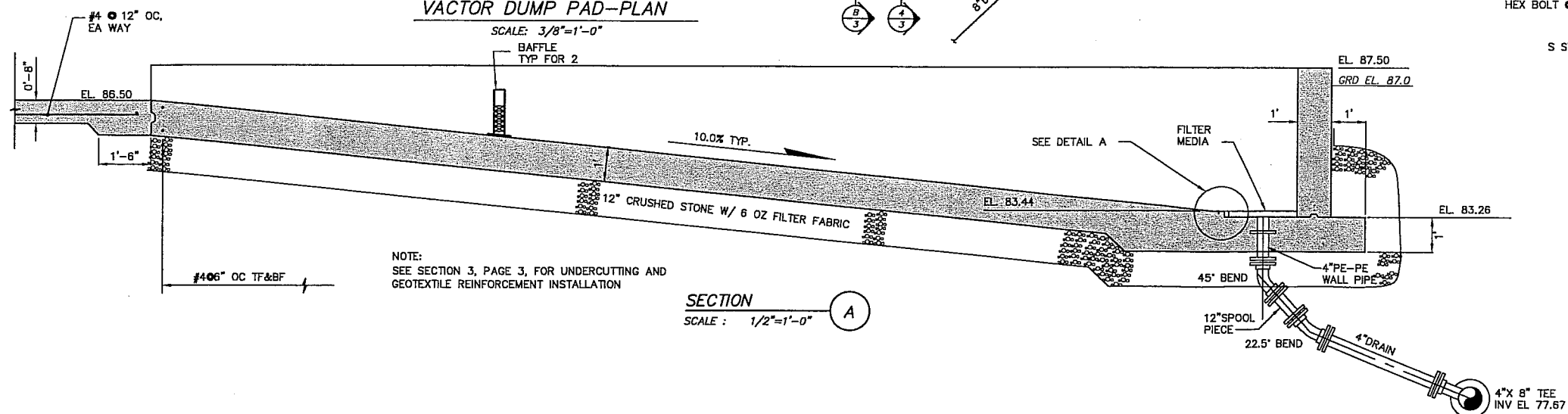
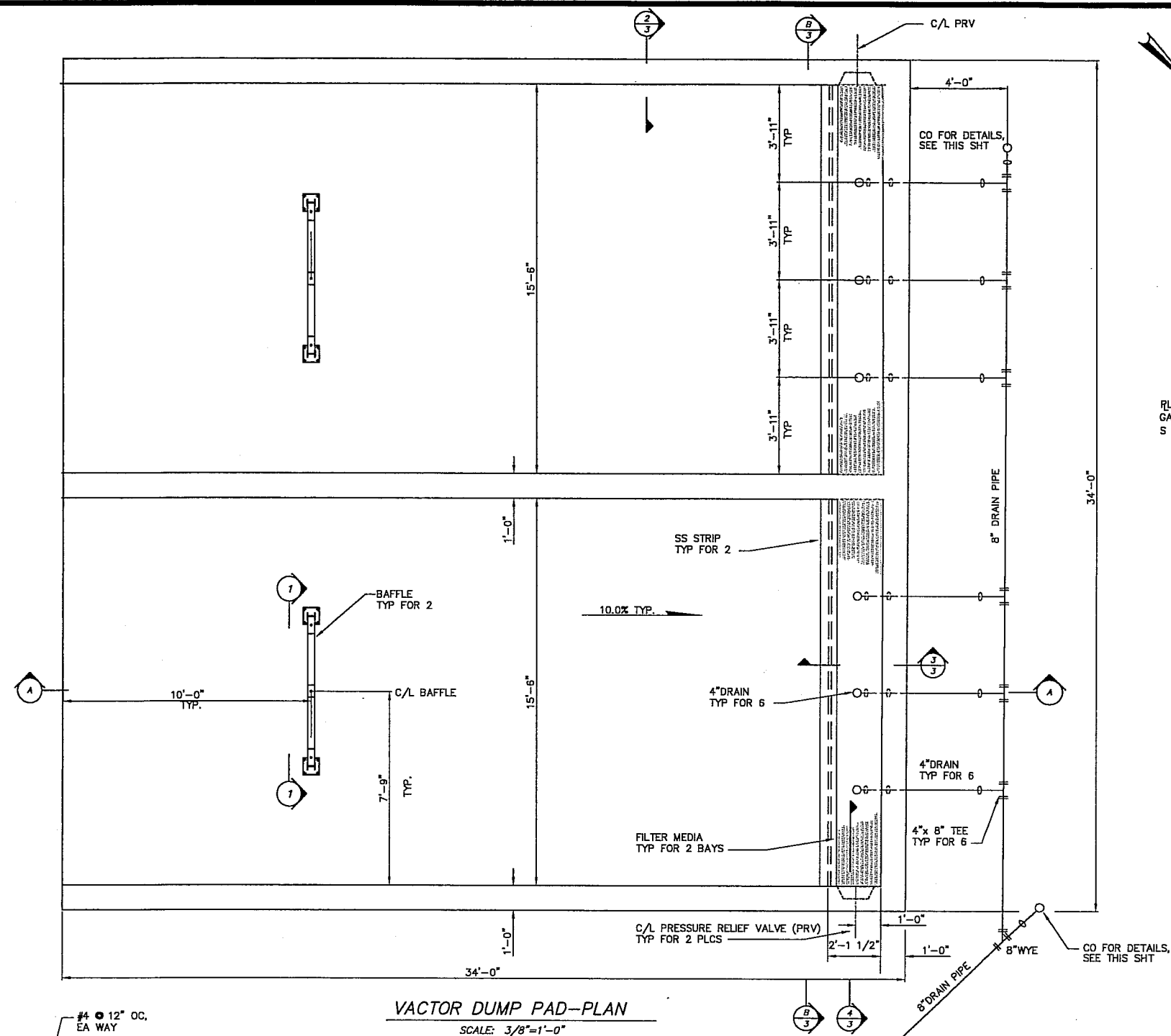
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ENGINEERS IN WATER AND EARTH SCIENCES
UNIONTOWN, OHIO

CITY OF MASSILLON, OHIO
WWTP UPGRADE 2000
VACTOR DUMP STATION PAD
SITE PLAN

JOB NO. E02008
DATE 03/22/02
SCALE 1"=10'
SHEET 1

STA 19+74.19 C/L VACTOR ROAD =
STA 15+69.02 PLANT BASELINE



FILTER MEDIA

THE FILTER MEDIA SHALL CONSIST OF INTERLOCKING PANELS MEASURING 12" X 12" X 2" THICK COVERING THE BOTTOM PORTION OF EACH VEHICLE DUMP PAD BAY. THE PANELS SHALL BE CONSTRUCTED OF A HIGH STRENGTH POLYURETHANE HAVING A SHORTER THAN 100% DIAMETER DUROMETER HARDNESS READING OF NO LESS THAN 80. ALL PANELS SHALL BE PROTECTED AGAINST ULTRAVIOLET DETERIORATION. PANELS SHALL BE DESIGNED TO WITHSTAND AN APPROXIMATE GROSS VEHICLE WEIGHT OF 3,500 POUNDS. THE PANELS SHALL HAVE A SOLID AREA OF 88% FORMED BY THE MOLDING OF TRIANGULAR CROSS-SECTIONS MEASURING 0.105" WIDE X 0.170" HIGH TAPERED AT 13 DEGREES PER SIDE. THE TRIANGULAR SECTIONS SHALL BE SEPARATED BY AN OPEN AREA OF 12% CONSISTING OF 0.015" WIDE X 1.00" LONG SLOTS. PANELS SHALL INCORPORATE MALE AND FEMALE DOVETAILS FOR INTERLOCKING AND SHALL BE DESIGNED TO ALLOW ANY PANEL TO BE REMOVED WITHOUT DISTURBING ADJACENT PANELS.

NOTE TO CONTRACTOR

CONTRACTOR SHALL PROVIDE A BUCKET TIP PROTECTOR CONSTRUCTED OF HIGH STRENGTH POLYURETHANE FOR THE OWNER'S USE. THE BUCKET TIP PROTECTOR SHALL PREVENT THE FILTER MEDIA FROM BEING DAMAGED BY THE SOLIDS REMOVAL EQUIPMENT.

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VACTOR DUMP STATION PAD
PLAN, SECTIONS AND DETAILS

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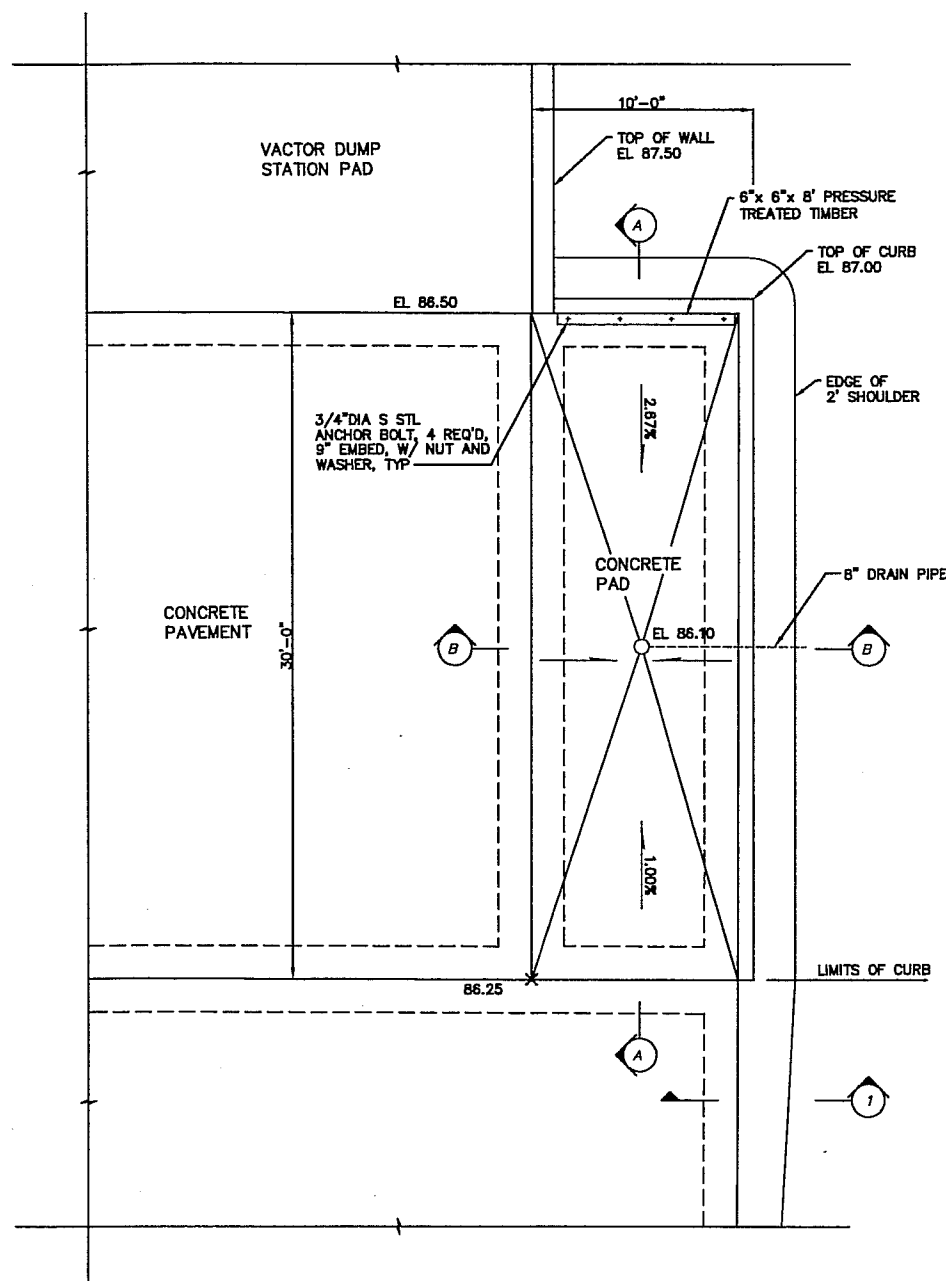
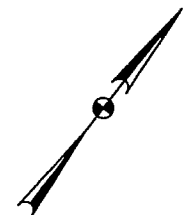
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SCALE

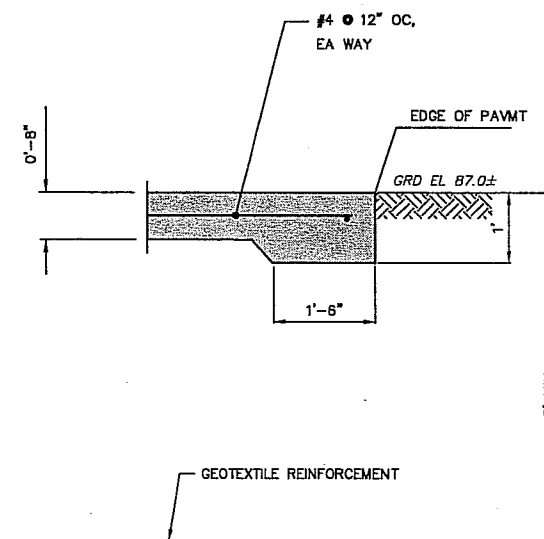
AS NOTED

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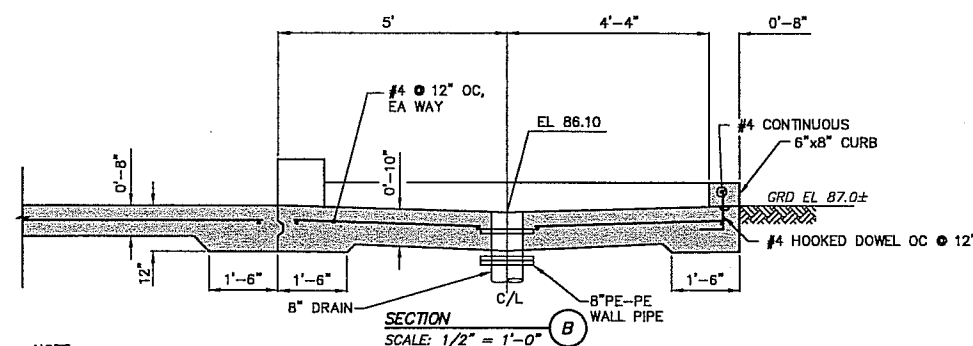
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DETAIL PLAN 1
SCALE: 1"=30'

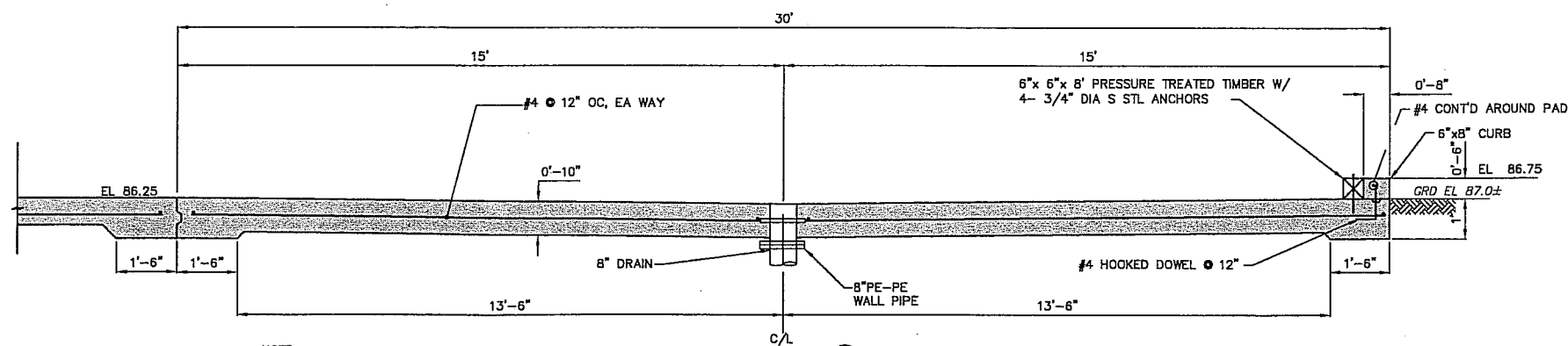


SECTION 1
SCALE: 3/4" = 1'-0"



NOTE:
SEE SECTION 3, PAGE 3, FOR UNDERCUTTING AND
GEOTEXTILE REINFORCEMENT INSTALLATION

SECTION B
SCALE: 1/2" = 1'-0"



NOTE:
SEE SECTION 3, PAGE 3, FOR UNDERCUTTING AND
GEOTEXTILE REINFORCEMENT INSTALLATION

SECTION A
SCALE: 1/2" = 1'-0"

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VACTOR DUMP STATION PAD
CONCRETE PAD - PLAN, SECTIONS AND STRUCTURAL

JOB NO. E02008
DATE 4/12/02
SCALE AS NOTED
SHEET 4