

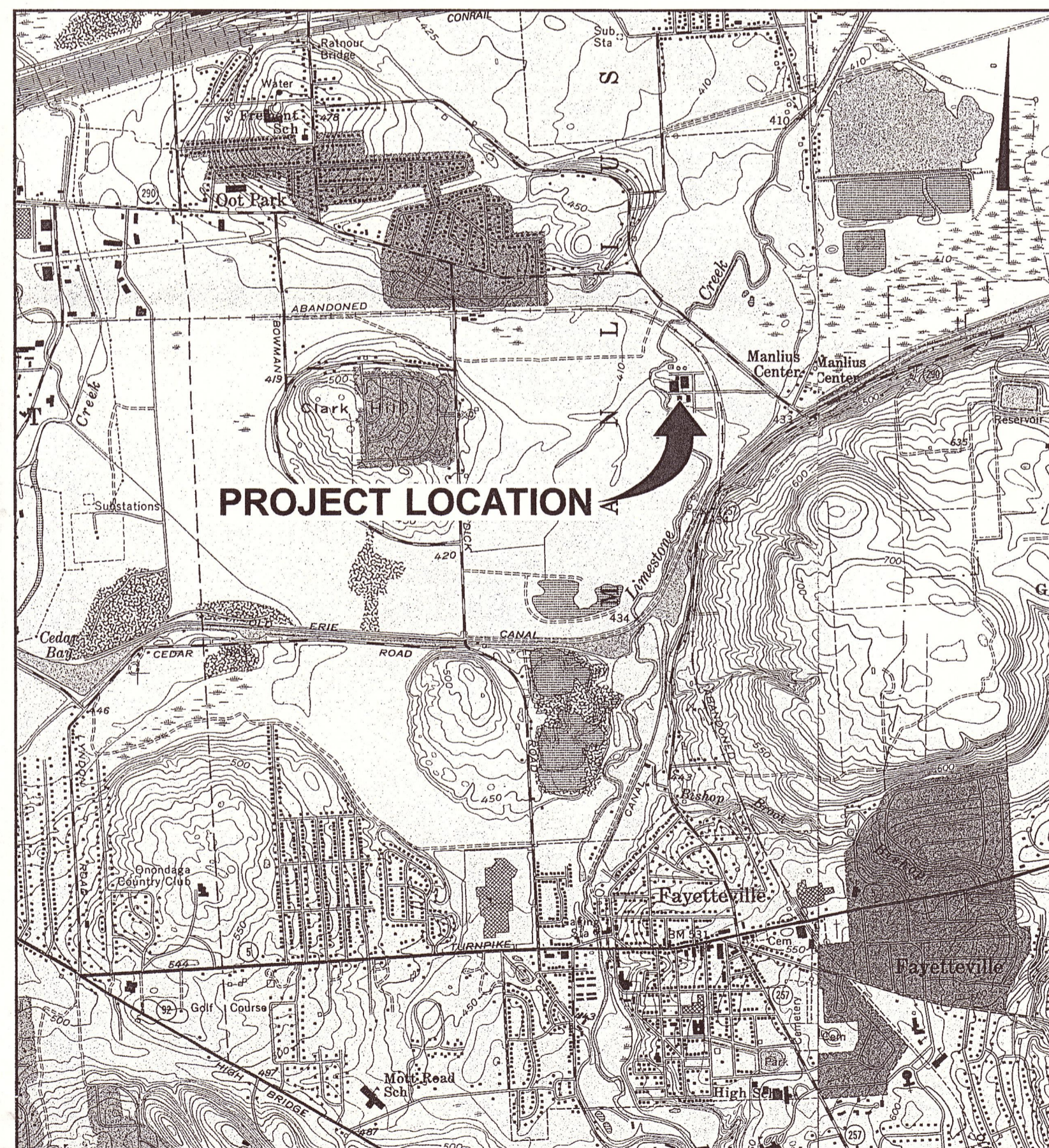
RECORD DRAWINGS

MEADOWBROOK-LIMESTONE

WASTEWATER TREATMENT PLANT

PHASE ONE WET-WEATHER FLOW

STORAGE FACILITIES



REFERENCE: Base Map USGS 7.5 Min. Quad., Syracuse East, New York, 1957, Photorevised 1978, and Manlius, New York, 1973, Revised 1993.

2000' 0 2000'
Approximate Scale

LOCATION MAP

04/03/06 SYR-D85-LAS DJH KLS
00373014/00373C01.CDR

CONTRACT NO. 1A - GENERAL
CONTRACT NO. 1B - ELECTRICAL

BID REFERENCE NO. 5342
PROJECT NO. 587371

DEPARTMENT OF WATER
ENVIRONMENT PROTECTION
COUNTY OF ONONDAGA, NEW YORK

NICHOLAS J. PIRRO, COUNTY EXECUTIVE
RICHARD L. ELANDER, P.E., COMMISSIONER

JUNE 2003

BBL[®]
BLASLAND, BOUCK & LEE, INC.
engineers & scientists



RECORD DRAWINGS
TO THE BEST OF OUR KNOWLEDGE
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THE PROJECT AS CONSTRUCTED
BLASLAND, BOUCK & LEE, INC.

DATE 8/17/06 BY *Donald F. Jones*

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E-6 WIRING DIAGRAMS, SECTIONS AND PARTIAL THICKENER BUILDING PLAN
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ABBREVIATIONS

Table listing abbreviations and their corresponding full names, such as AGA (AMERICAN GAS ASSOCIATION), APT (APARTMENT), ASPH (ASPHALT), etc.

GENERAL NOTES

BASE MAPPING

- 1. TOPOGRAPHIC SURVEY AND BASE MAP INFORMATION BY BRYANT ASSOCIATES (MARCH 2003). ELEVATION DATUM IS UNITED STATES GEOLOGICAL SURVEY DATUM.
2. EXISTING FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE PLANS, RECORDS, AND SURVEYS...

PERMITS

- 1. REFER TO THE SPECIAL PROJECT CONDITIONS OF THE CONTRACT DOCUMENTS REGARDING APPLICABLE PERMITS, ASSOCIATED REQUIREMENTS, AND CONDITIONS OF WORK.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY AND ALL PERMITS...

EXCAVATION/EARTHWORK

- 1. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SAFETY OF WORKERS AND OTHERS ON THE PROJECT SITE, AS WELL AS OVERALL SITE SECURITY.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THIS WORK WITH ALL EXISTING UTILITY AND TRANSPORTATION FACILITY OWNERS...

EXCAVATION/EARTHWORK (CONTINUED)

- 10. THE CONTRACTOR SHALL RESTORE FINISHED GRADES AT PROJECT SITE SUCH THAT NEW ELEVATIONS SLOPE SMOOTHLY TO EXISTING ELEVATIONS. ALL DISTURBED SLOPED EARTH SURFACES SHALL BE RESTORED WITH TOPSOIL, SEED, AND REVEGETATION MATTING...

RESTORATION

- 1. ANY TRAFFIC CONTROL, INFORMATIONAL, DIRECTION, OR STREET NAME SIGNS REMOVED BY THE CONTRACTOR TO ALLOW CONSTRUCTION WILL BE IMMEDIATELY REPLACED...
2. THE CONTRACTOR SHALL REPAIR ALL EXISTING UTILITIES DAMAGED AS RESULT OF THE CONTRACTOR'S WORK AT NO ADDITIONAL COST TO THE OWNER.

NOTES FOR WORK AT WASTEWATER TREATMENT PLANT

- 1. ALL EXISTING ELEVATIONS, AND EXISTING PIPING ELEVATIONS, LOCATIONS, AND MATERIALS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY PRIOR TO CONSTRUCTION.
2. THE GENERAL CONTRACTOR SHALL COORDINATE SIZES AND LOCATIONS OF OPENINGS AND EQUIPMENT MOUNTING WITH EQUIPMENT SUPPLIERS...

LEGEND:

Legend table showing symbols for various elements: PROPOSED STRUCTURE, PROPOSED PIPELINE AND STATION, PROPOSED WATER LINE, PROPERTY LINE, SOIL BORING LOCATION, etc.

X: 00373X00.DWG
L: ON=*, OFF=REF*
P: PAGESET/PLT-CDL
3/27/06 SYR-85-DJP SDL DJP
00373014/RECORD/00373603.DWG

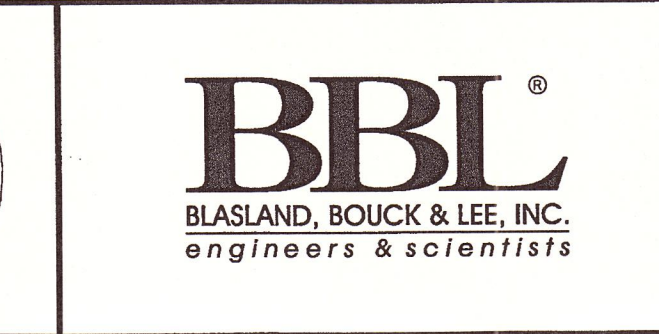
Graphic Scale
NOT TO SCALE

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Designed by SS/BSC
Drawn by DJP
Checked by JCP/MLG
Prof. Eng. Donald F. Geisser
PE License NY #57879



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ONONDAGA COUNTY DEPARTMENT OF WATER ENVIRONMENT PROTECTION
MEADOWBROOK-LIMESTONE WASTEWATER TREATMENT PLANT
PHASE ONE WET-WEATHER FLOW STORAGE FACILITIES
GENERAL NOTES, LEGEND, AND ABBREVIATIONS

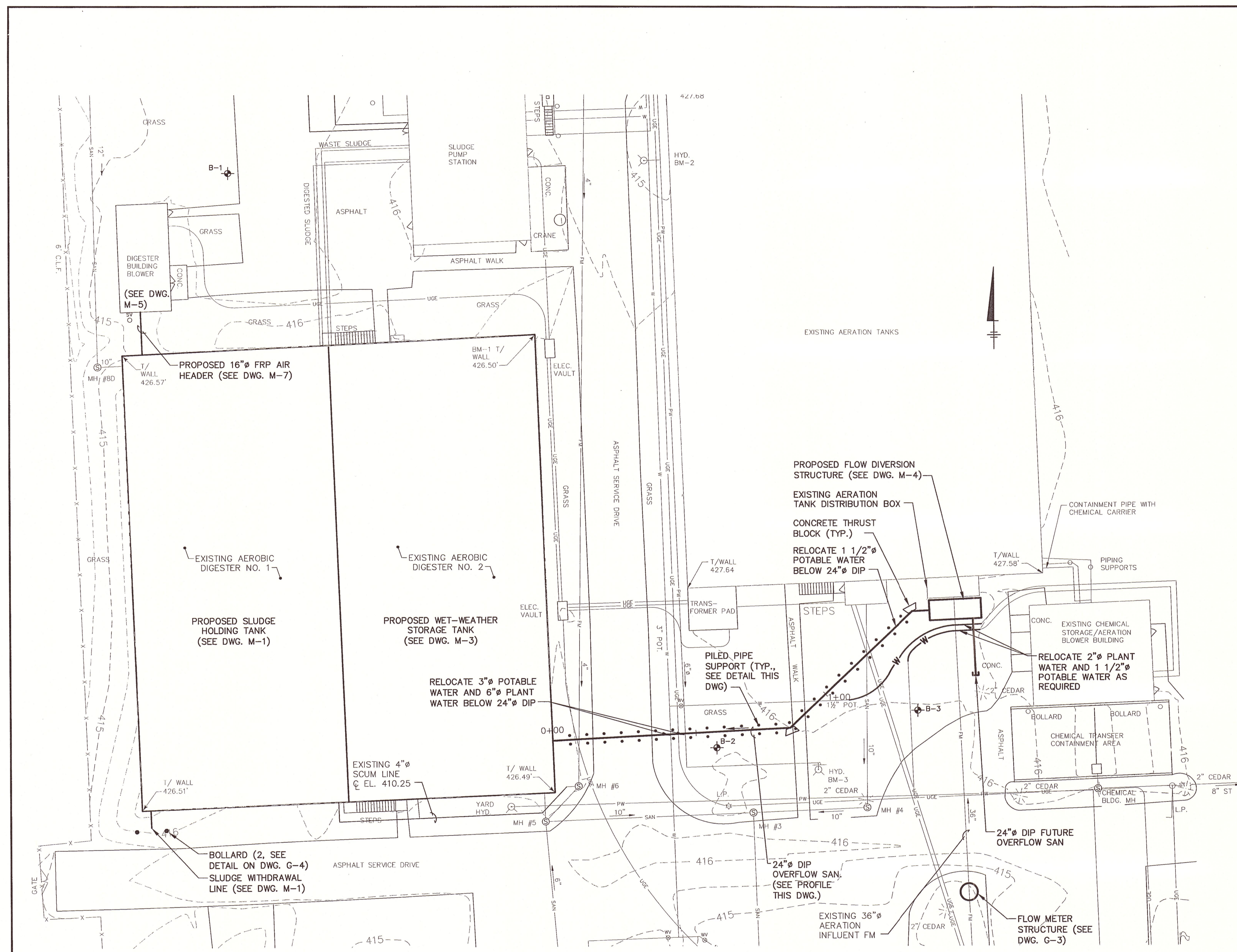
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DATE 8/17/06 BY Donald F. Geisser

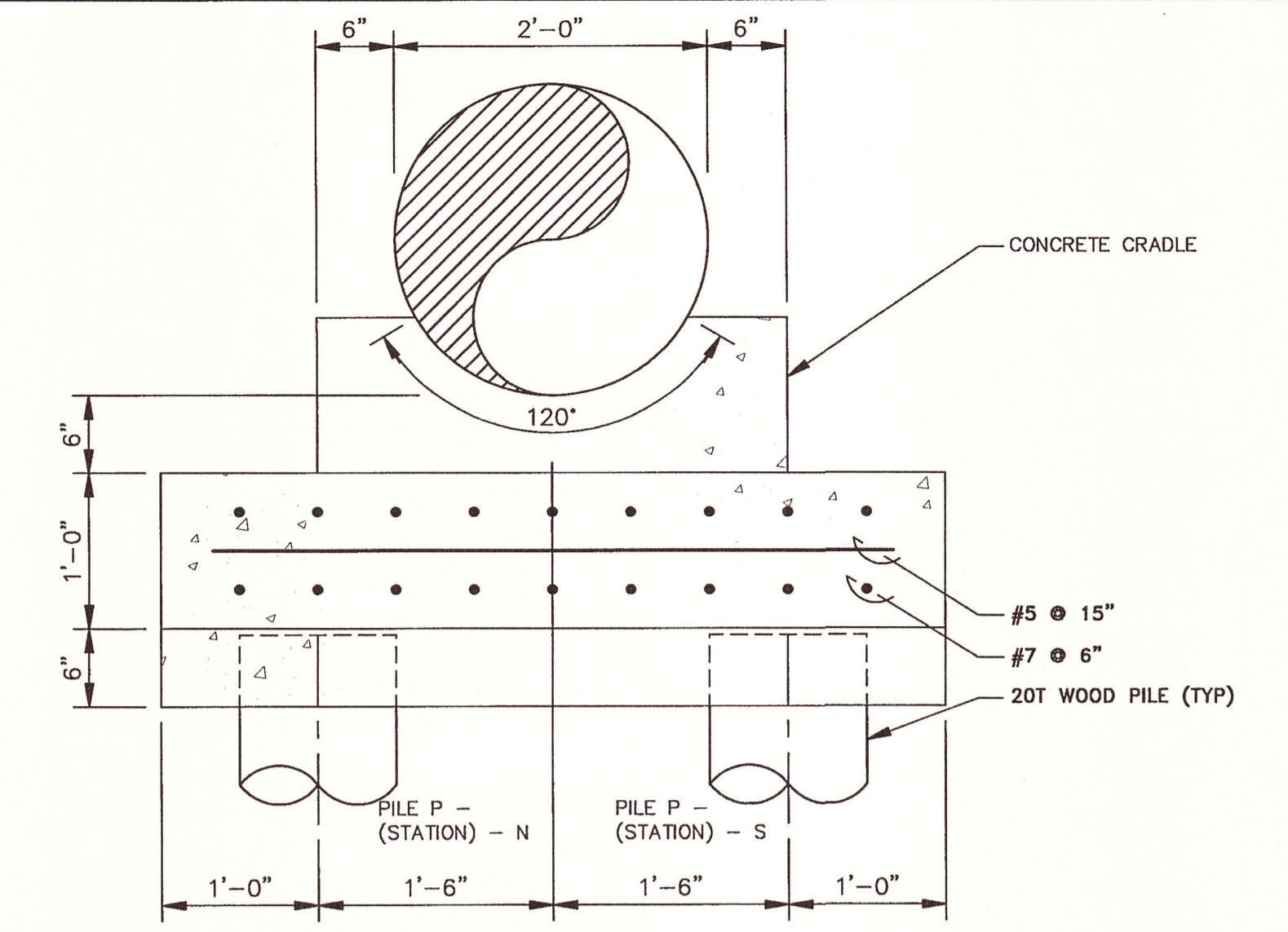
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BLASLAND, BOUCK & LEE, INC.

File Number 003.73
Date JUNE 2003
Blasland, Bouck & Lee, Inc.
Corporate Headquarters
6723 Towpath Road
Syracuse, NY 13214
315-446-9120

G-1



PARTIAL SITE PLAN
SCALE: 1" = 20'

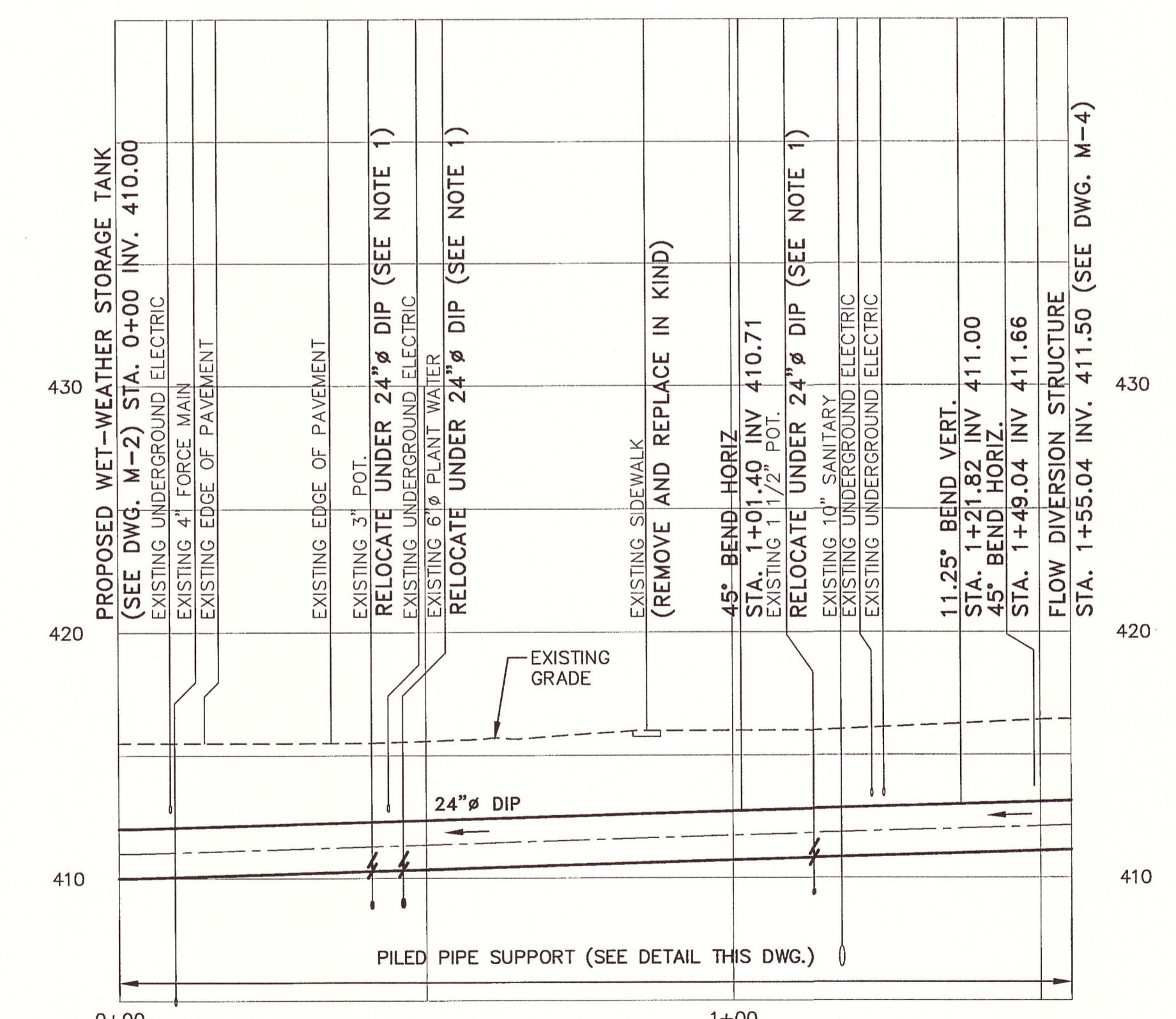


NOTES:

1. TEST PILES SHALL BE DRIVEN AT PROPOSED PILE LOCATIONS AND PENDING TESTING ACCEPTANCE SHALL REMAIN IN PLACE FOR PERMANENT USAGE.
2. ALL PILES SHALL BE DRIVEN TO A CARRYING CAPACITY OF 20 TONS AND A MINIMUM DEPTH OF 40 FEET.
3. CUT OFF ELEVATION SHALL BE 6'-6" BELOW PIPE INVERT.
4. PILE HORIZONTAL SPACING SHALL BE 6'-0", EXCEPT WHERE PILES MUST BE MOVED TO AVOID CONFLICT WITH EXISTING UTILITY.

TYPICAL PILED PIPE SUPPORT DETAIL

NOT TO SCALE



PROFILE - 24" Ø DIP OVERFLOW SANITARY
SCALE: 1" = 20' HORIZ.
1" = 5' VERT.

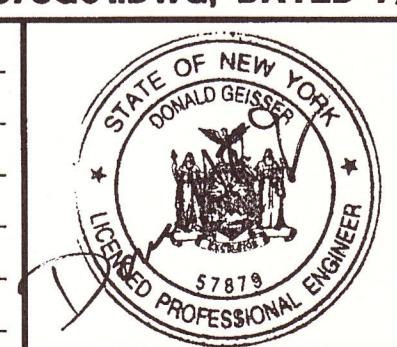
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BLASLAND, BOUCK & LEE, INC.

NOTE:
1. SEE WATER MAIN RELOCATION DETAILS ON DWG. G-3.

Graphic Scale 1"=20' 1"=5'	7/14/03 GENERAL REVISIONS	DFG
Project Mgr. MARK L. GORTHEY		
Designed by SS/BSC		
Drawn by KMD		
Checked by JCP/MLG		
Prof. Eng. Donald F. Geisser		
PE License NY #57879		



ONONDAGA COUNTY DEPARTMENT OF WATER ENVIRONMENT PROTECTION
MEADOWBROOK-LIMESTONE WASTEWATER TREATMENT PLANT
PHASE ONE WET-WEATHER FLOW STORAGE FACILITIES
PARTIAL SITE PLAN/PIPING PROFILE
GENERAL

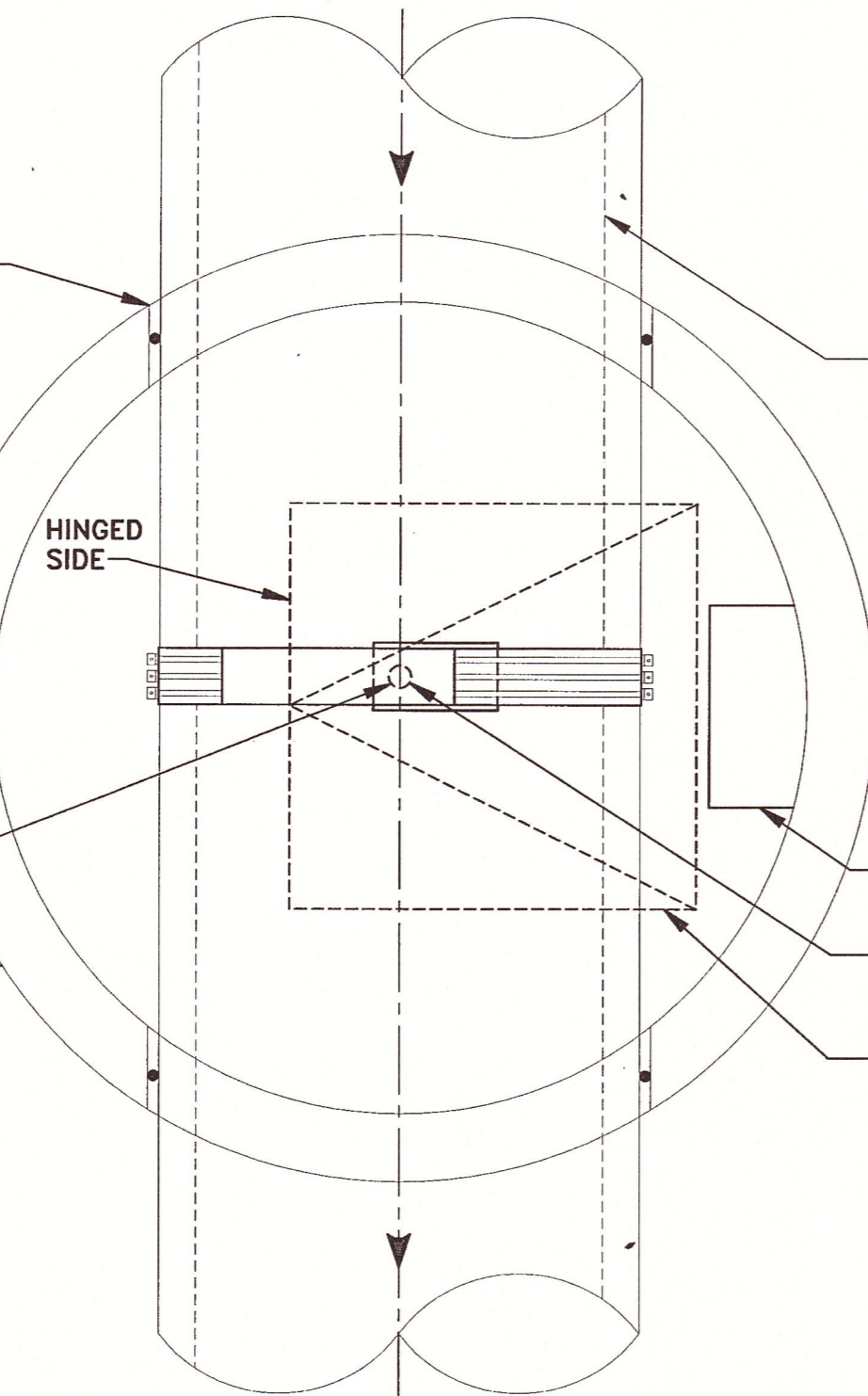
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G-2

GRADED WATERTIGHT PIPE PENETRATION (TYP BOTH SIDES)

INSERTION TYPE MAGNETIC FLOW METER W/ 2" FULL PORTED BALL VALVE - BRONZE

6" PRECAST CONCRETE MANHOLE RISER



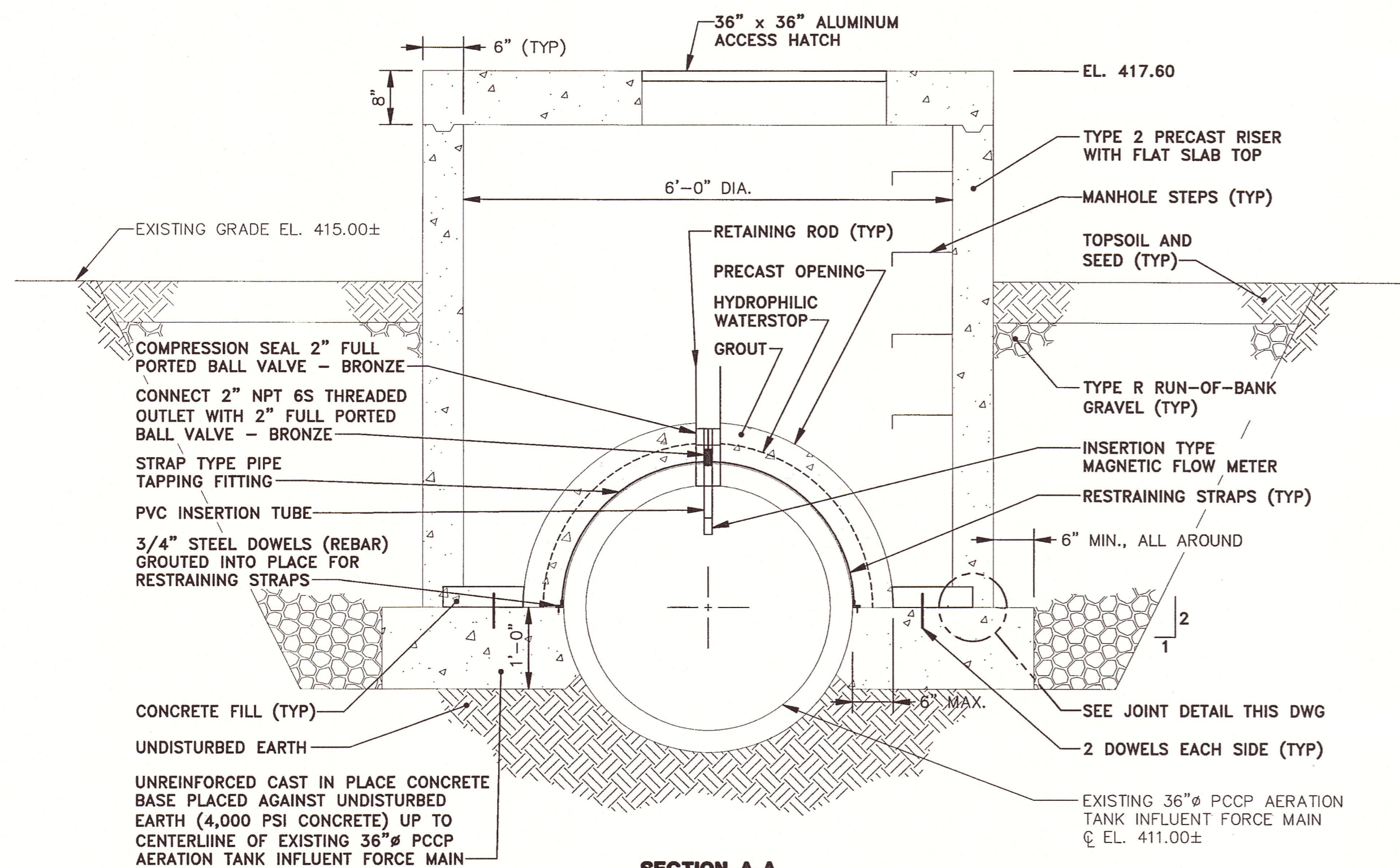
EXISTING 36" PCCP AERATION TANK INFLUENT FORCE MAIN (C. EL. = 411.0±)

MANHOLE STEPS

CONNECT 2" NPT 6S THREADED OUTLET WITH 2" FULL PORTED BALL VALVE - BRONZE

36" x 36" ACCESS HATCH (ABOVE)

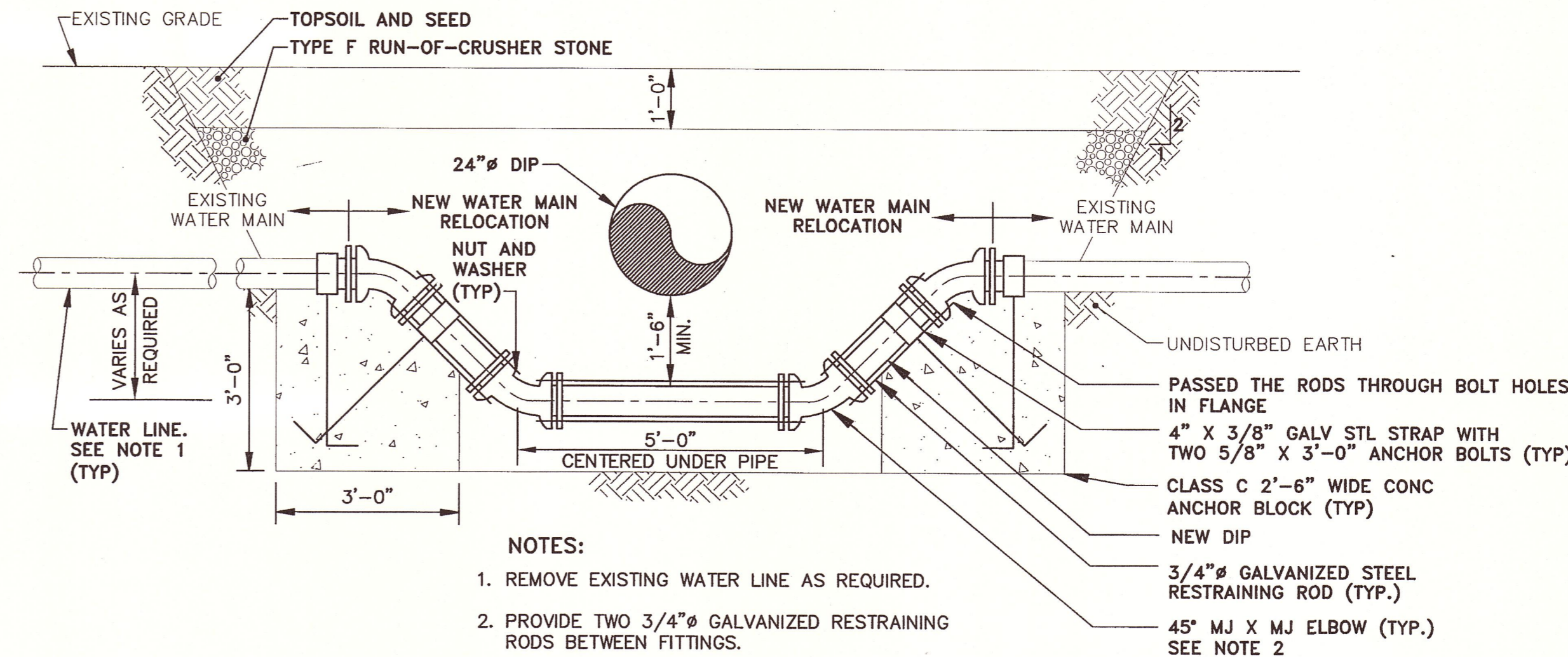
PLAN



SECTION A-A

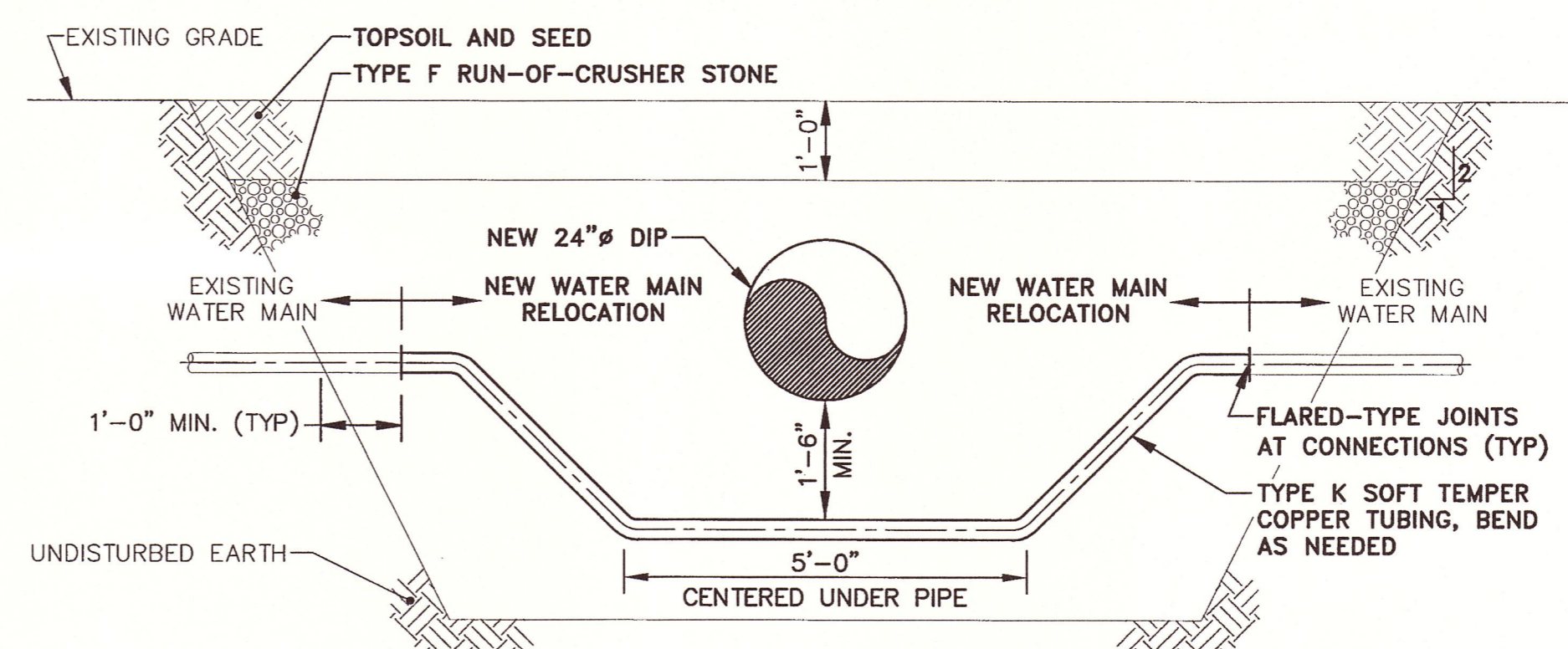
FLOW METER STRUCTURE DETAIL

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



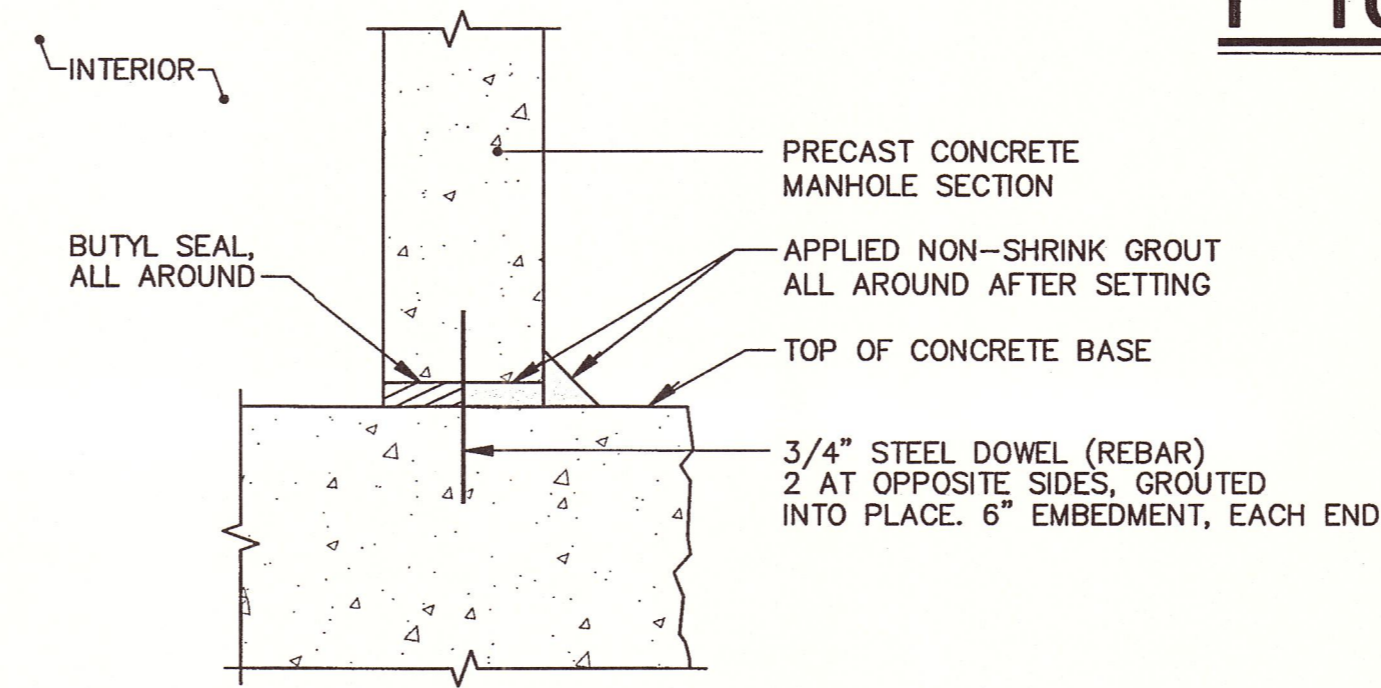
TYPICAL WATER MAIN (CAST OR DUCTILE IRON, 3" AND ABOVE) RELOCATION DETAIL

NOT TO SCALE



TYPICAL WATER MAIN (COPPER, 1" TO 3") RELOCATION DETAIL

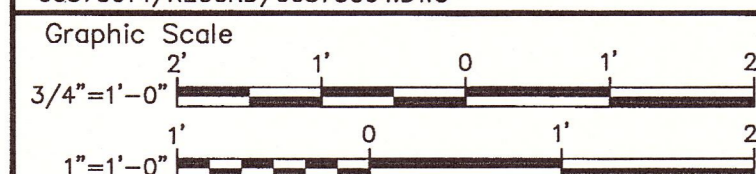
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JOINT DETAIL

NOT TO SCALE

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ONONDAGA COUNTY DEPARTMENT OF WATER ENVIRONMENT PROTECTION
MEADOWBROOK-LIMESTONE WASTEWATER TREATMENT PLANT
PHASE ONE WET-WEATHER FLOW STORAGE FACILITIES

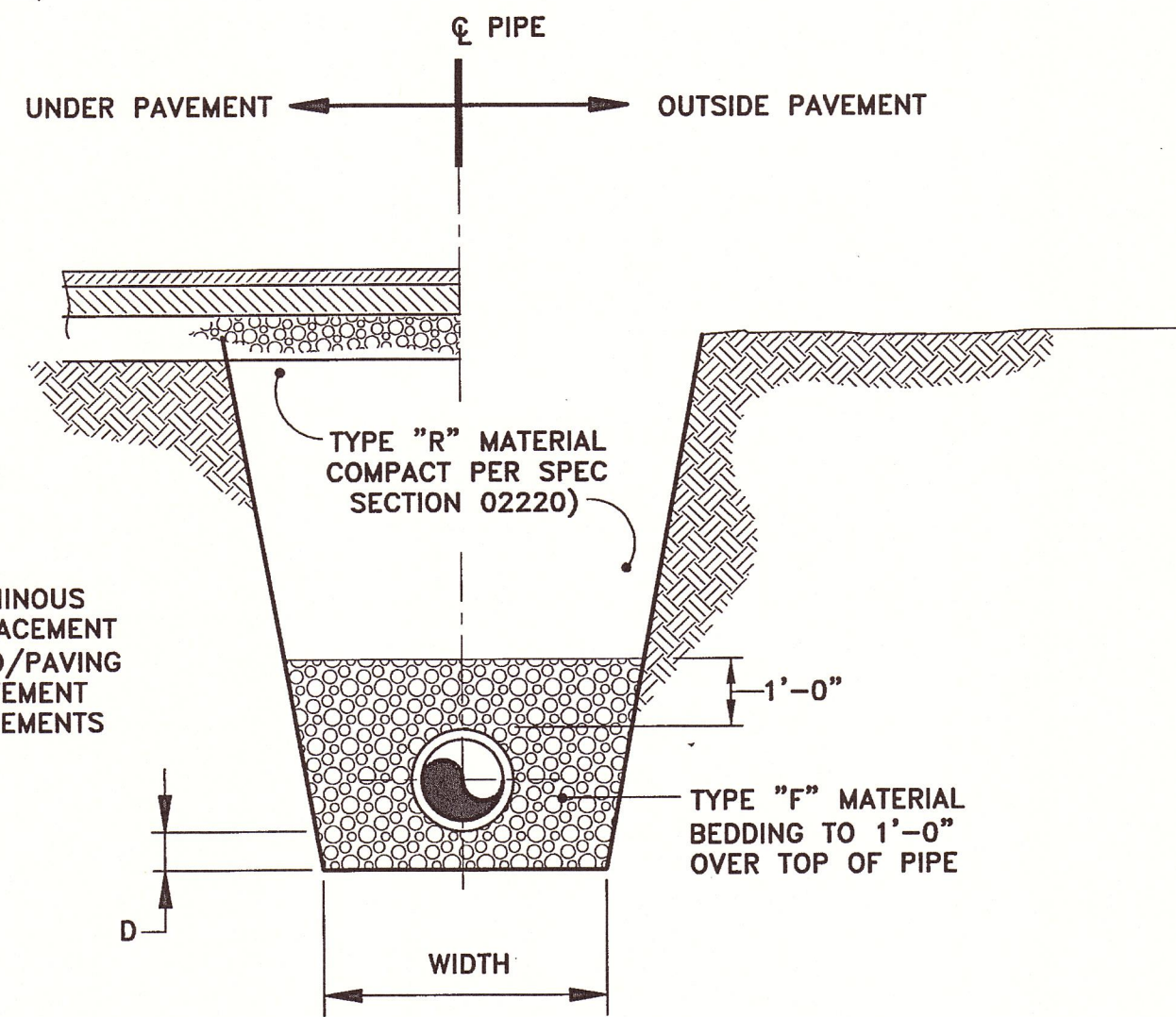
MISCELLANEOUS DETAILS

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DATE 8/17/06 BY Donald F. Geisser

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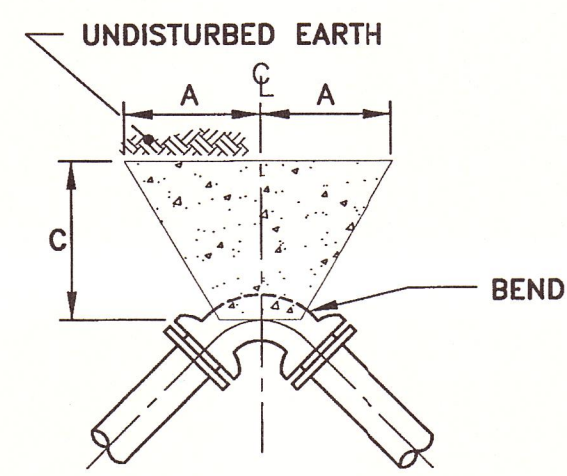


TRENCH DETAIL

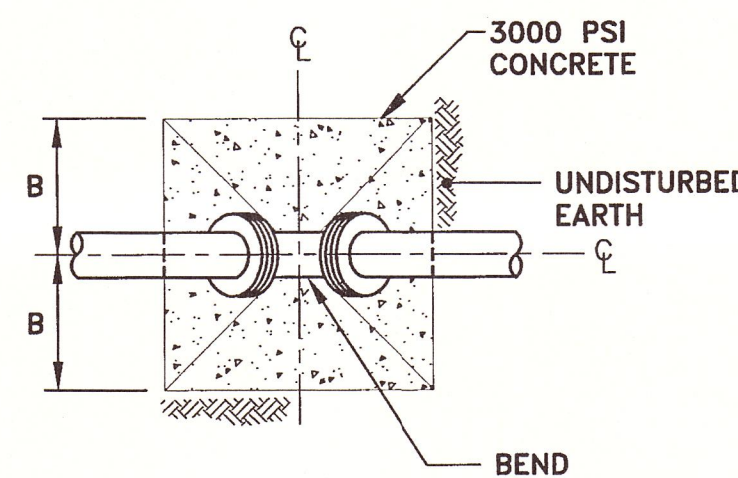
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TRENCH WIDTH EXCAVATION LIMITS				
PIPE I.D.	WIDTH		D	NOTES
	MAX.	MIN.		
1'-6"	3'-0"	2'-0"	4"	D = DEPTH BETWEEN BOTTOM OF PIPE AND BOTTOM OF NORMAL PIPE FOUNDATION IF MAXIMUM WIDTH IS EXCEEDED, CONCRETE ENCASEMENT SHALL BE INSTALLED TO UNDISTURBED EARTH
8", 10"	3'-6"	2'-2"	4"	
12"	3'-9"	OD + 2'	4"	
18"	4'-4"	OD + 2'	6"	
20"	4'-6"	OD + 2'	6"	
24"	4'-11"	OD + 2'	6"	

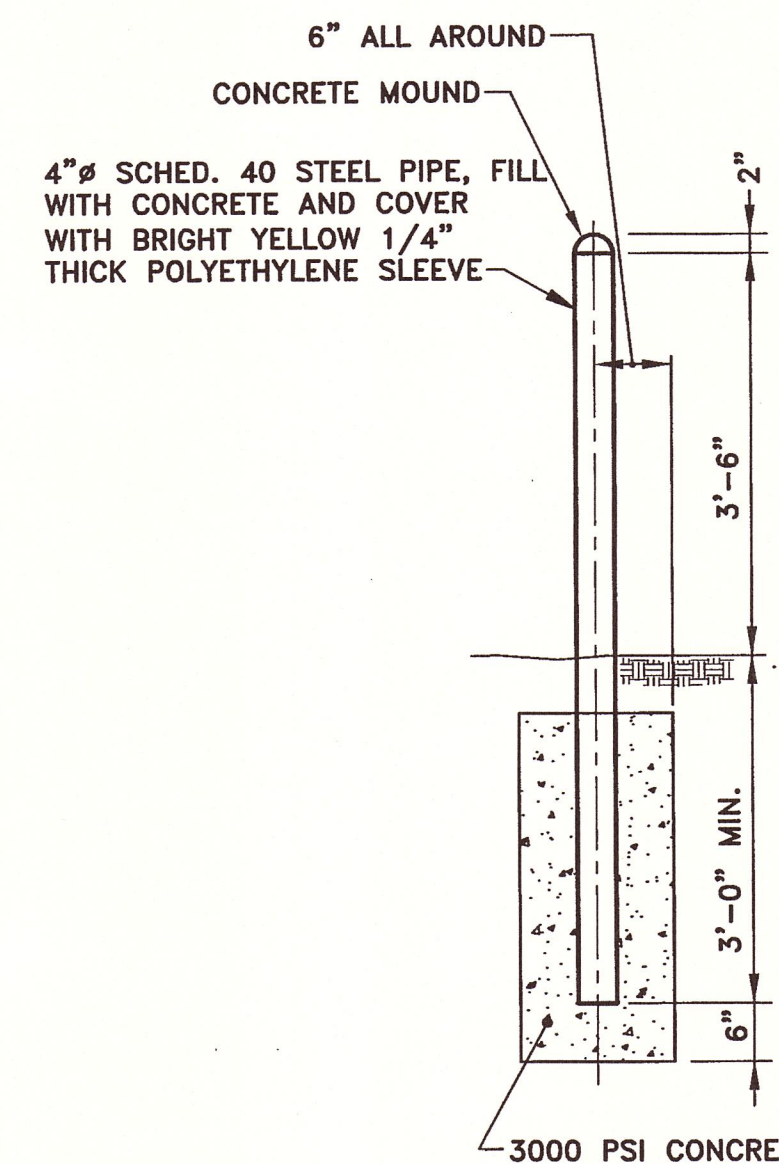
PIPE SIZE	BEND	DIMENSION		
		A	B	C
3" TO 6"	45°-90°	1'-6"	1'-6"	1'-6"
10"	45°-90°	2'-0"	2'-0"	1'-6"
24"	45°-90°	2'-6"	2'-6"	1'-6"



PLAN



ELEVATION

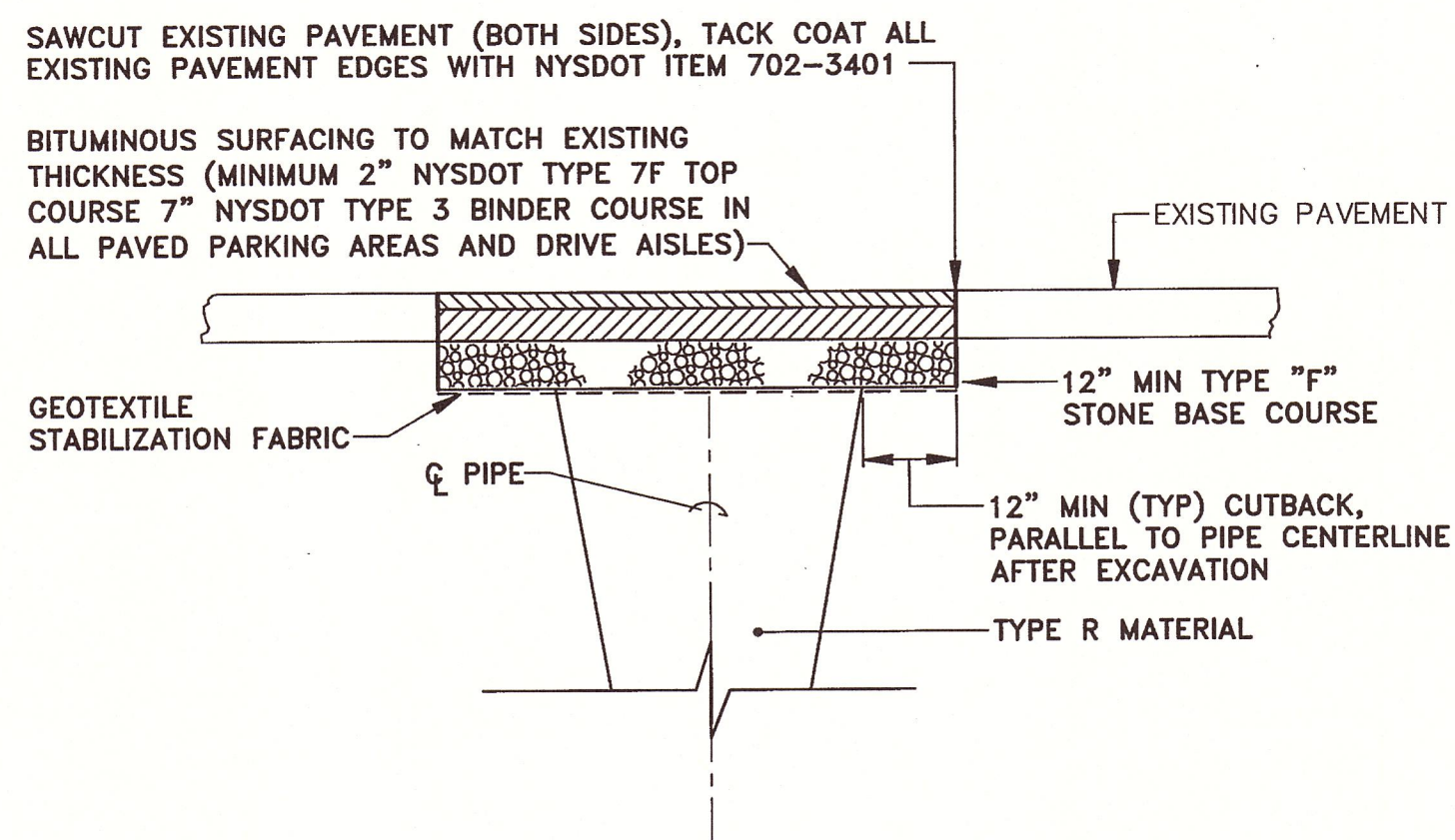


BOLLARD DETAIL

NOT TO SCALE

CONCRETE THRUST BLOCK DETAILS

NOT TO SCALE



BITUMINOUS PAVEMENT REPLACEMENT DETAIL

NOT TO SCALE

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Project Mgr. MARK L. GORTHEY
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Drawn by DJP
Checked by JCP/MLG
Prof. Eng. Donald F. Geisser
PE License NY #57879



ONONDAGA COUNTY DEPARTMENT OF WATER ENVIRONMENT PROTECTION
MEADOWBROOK-LIMESTONE WASTEWATER TREATMENT PLANT
PHASE ONE WET-WEATHER FLOW STORAGE FACILITIES

MISCELLANEOUS DETAILS

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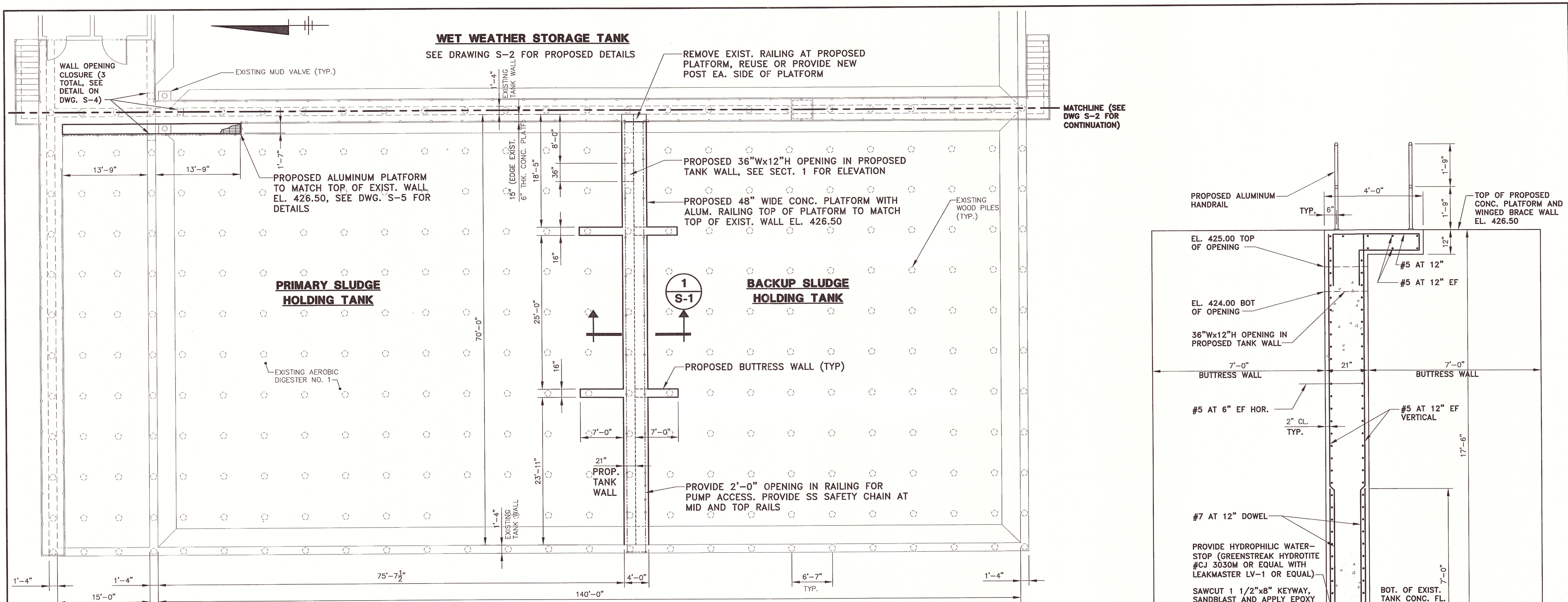
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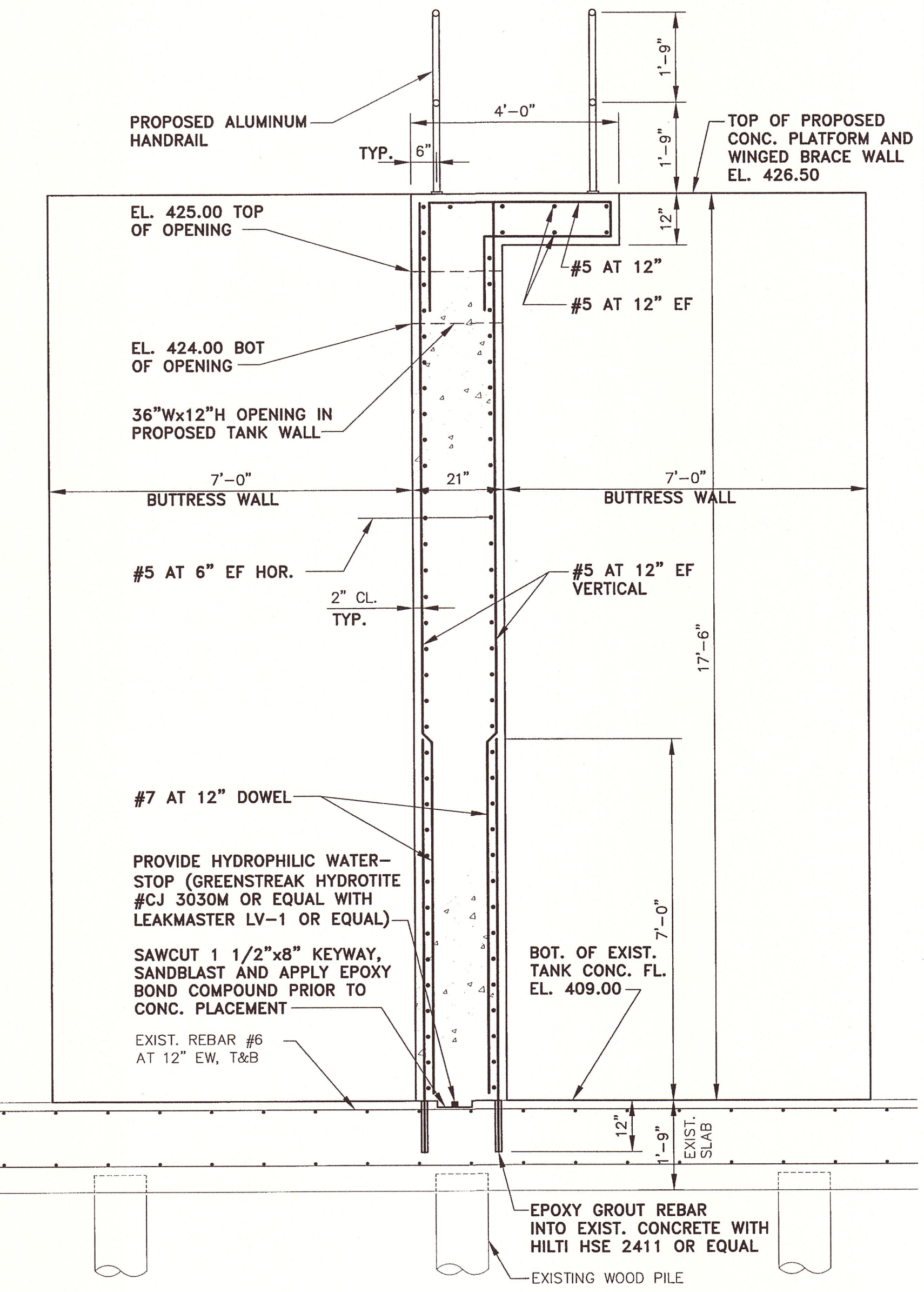
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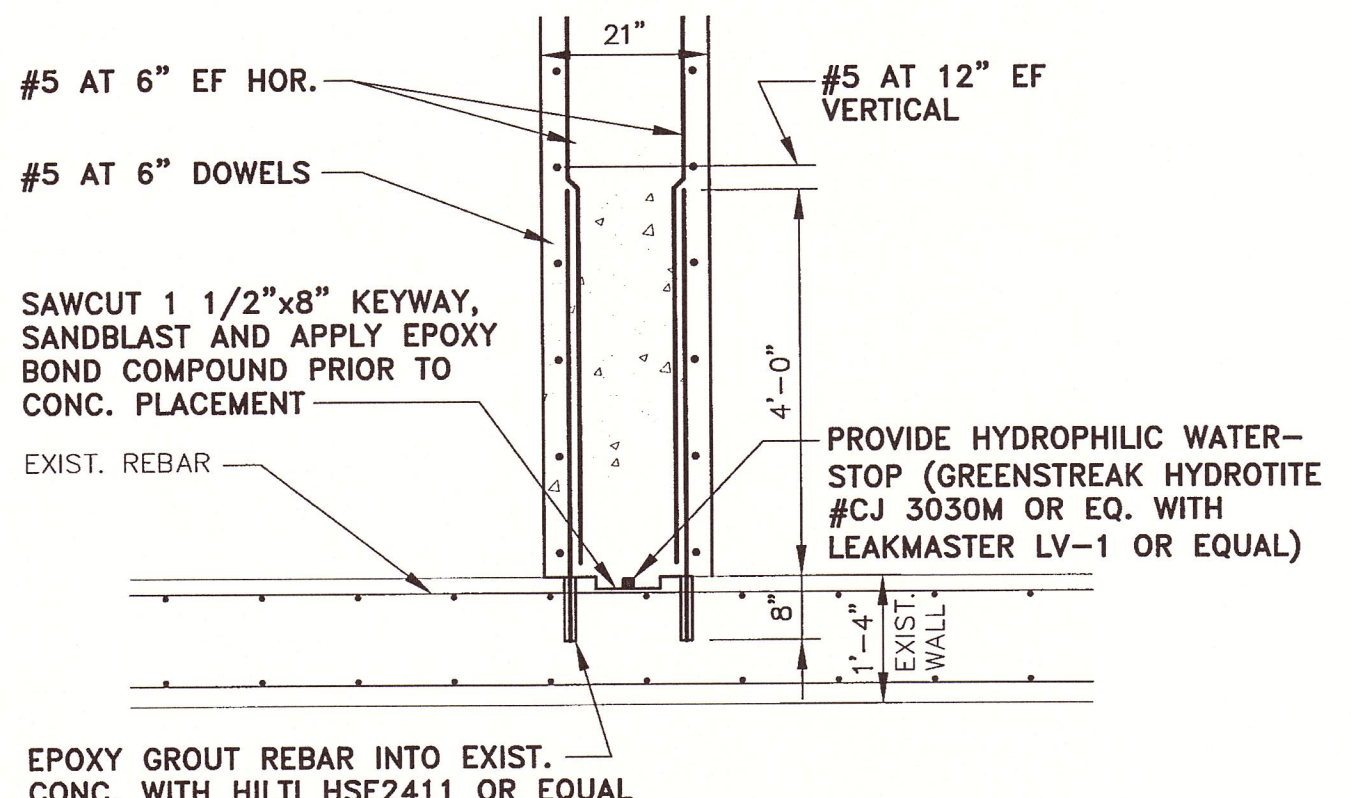
G-4



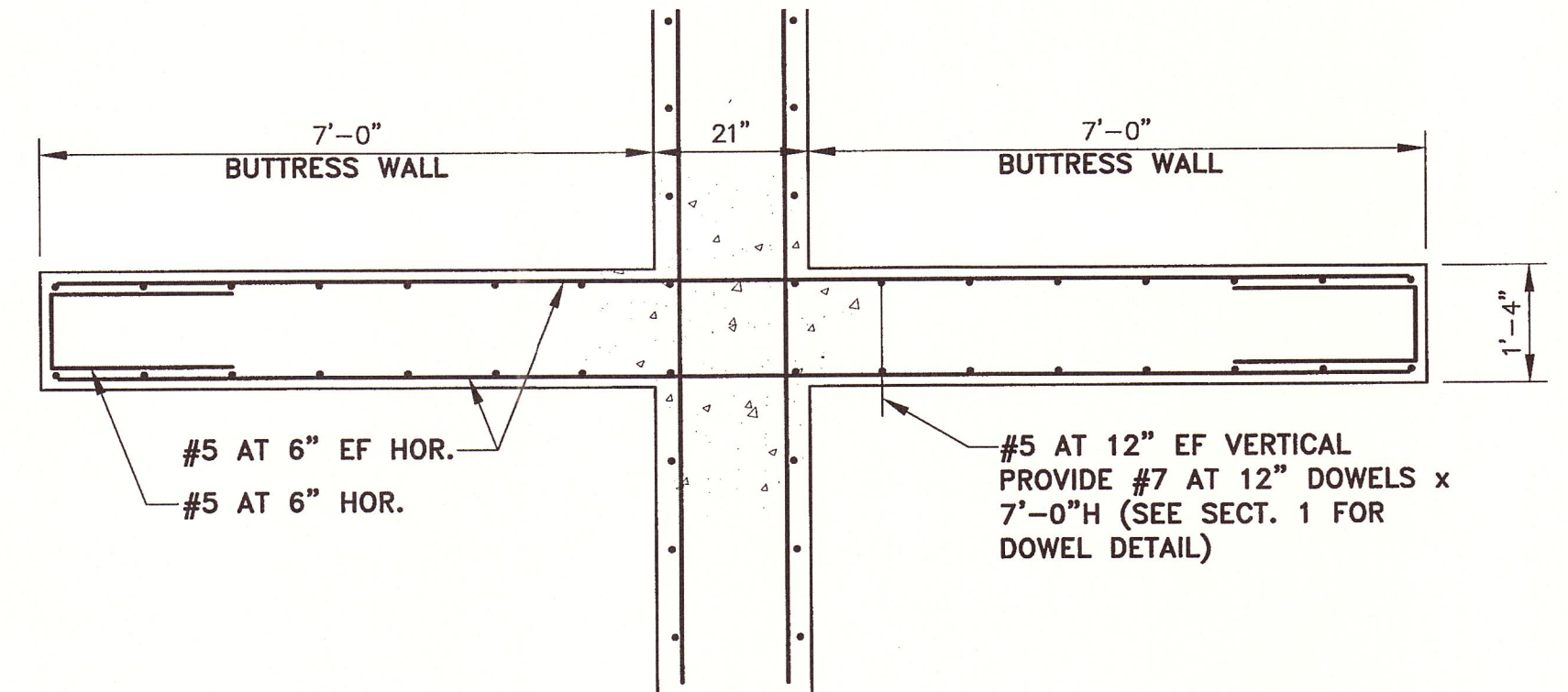
PLAN
SCALE: 1/8" = 1'-0"



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

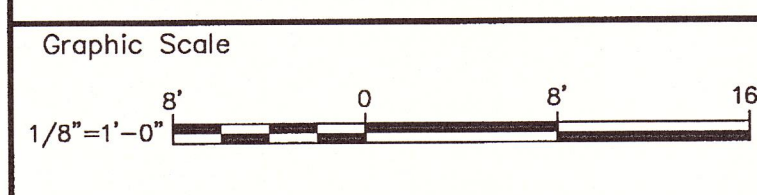


TYPICAL PROPOSED CONCRETE TANK WALL SECTION PLAN - AT EXISTING TANK WALL
SCALE: 1/2" = 1'-0"



TYPICAL PROPOSED BUTTRESS WALL SECTION PLAN AT PROPOSED TANK WALL
SCALE: 1/2" = 1'-0"

X: 00373X00, X02.DWG
L: ON=*, OFF=REF*
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3/27/06 PISC-14-SEK SYR-85-DJP GMS DJP
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Project Mgr. MLG
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Checked by IM
Prof. Eng. Donald F. Geisser
PE License NY #57879



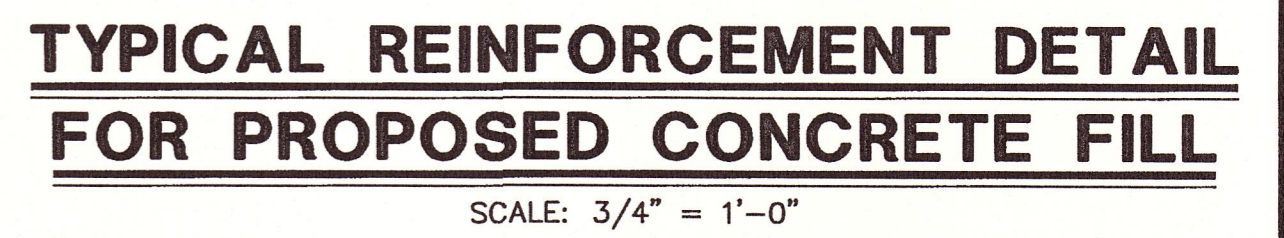
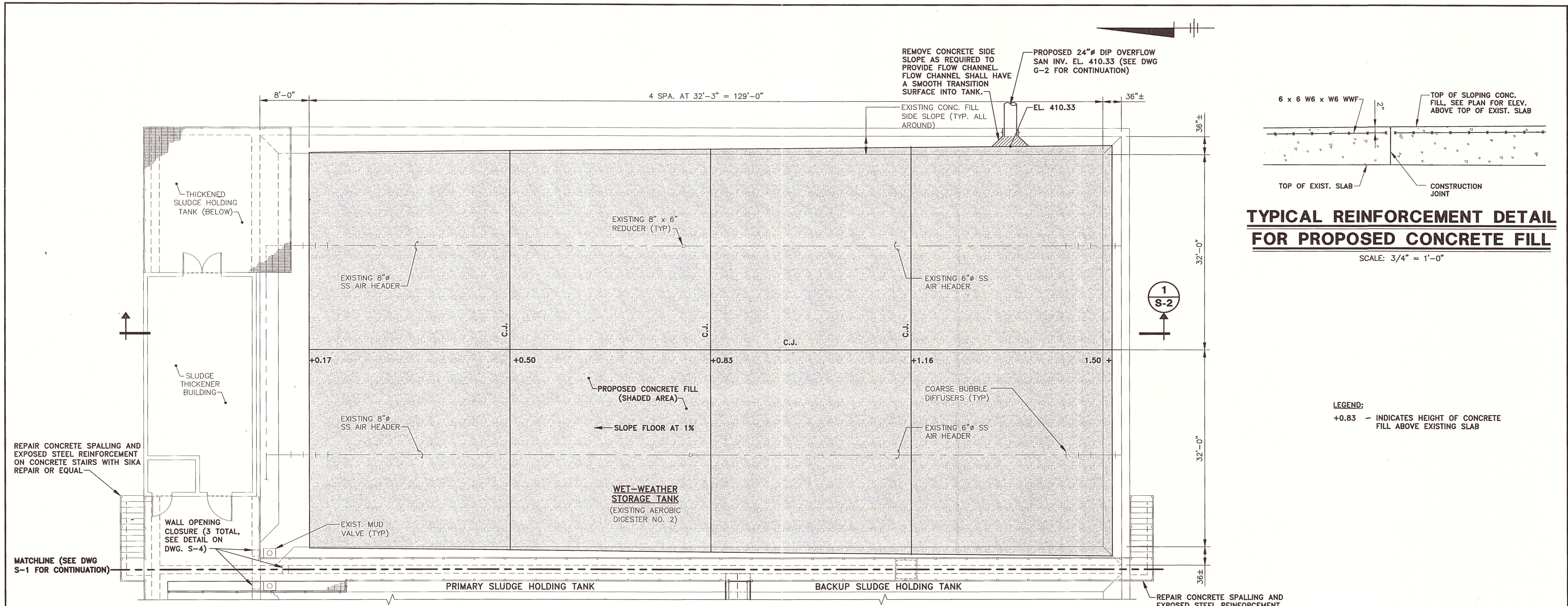
ONONDAGA COUNTY DEPARTMENT OF WATER ENVIRONMENT PROTECTION
MEADOWBROOK-LIMESTONE WASTEWATER TREATMENT PLANT
PHASE ONE WET-WEATHER FLOW STORAGE FACILITIES
SLUDGE HOLDING TANK
PLAN AND SECTIONS
STRUCTURAL

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S-1

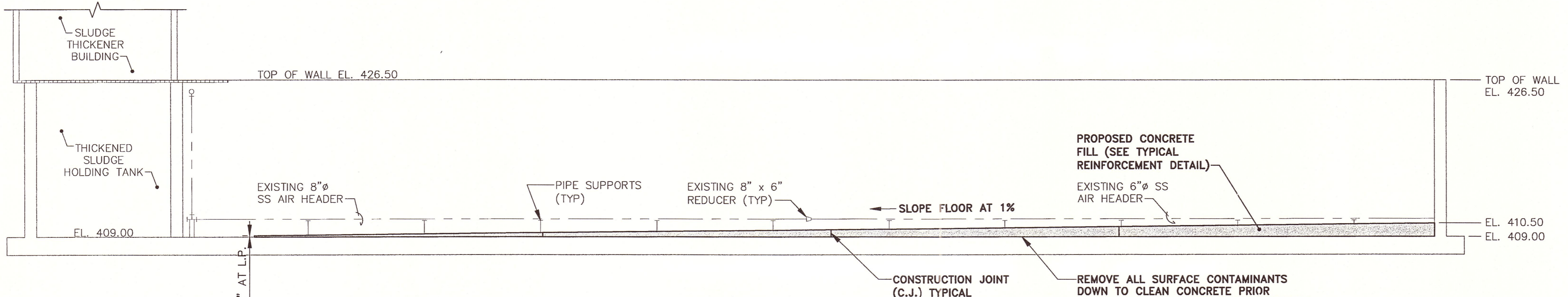


TYPICAL REINFORCEMENT DETAIL FOR PROPOSED CONCRETE FILL
SCALE: 3/4" = 1'-0"

LEGEND:
+0.83 - INDICATES HEIGHT OF CONCRETE FILL ABOVE EXISTING SLAB

PLAN

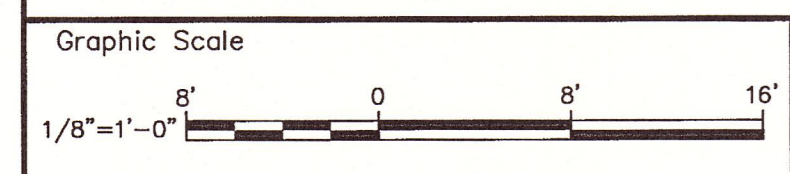
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SECTION 1 S-2

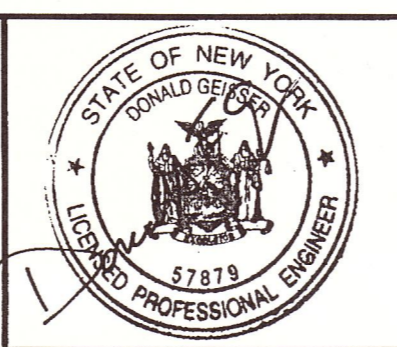
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7/22/03 ADDENDUM NO. 1		DFG
No.	Date	Revisions

Project Mgr. MLG
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Drawn by SEK
Checked by JM
Prof. Eng. Donald F. Geisser
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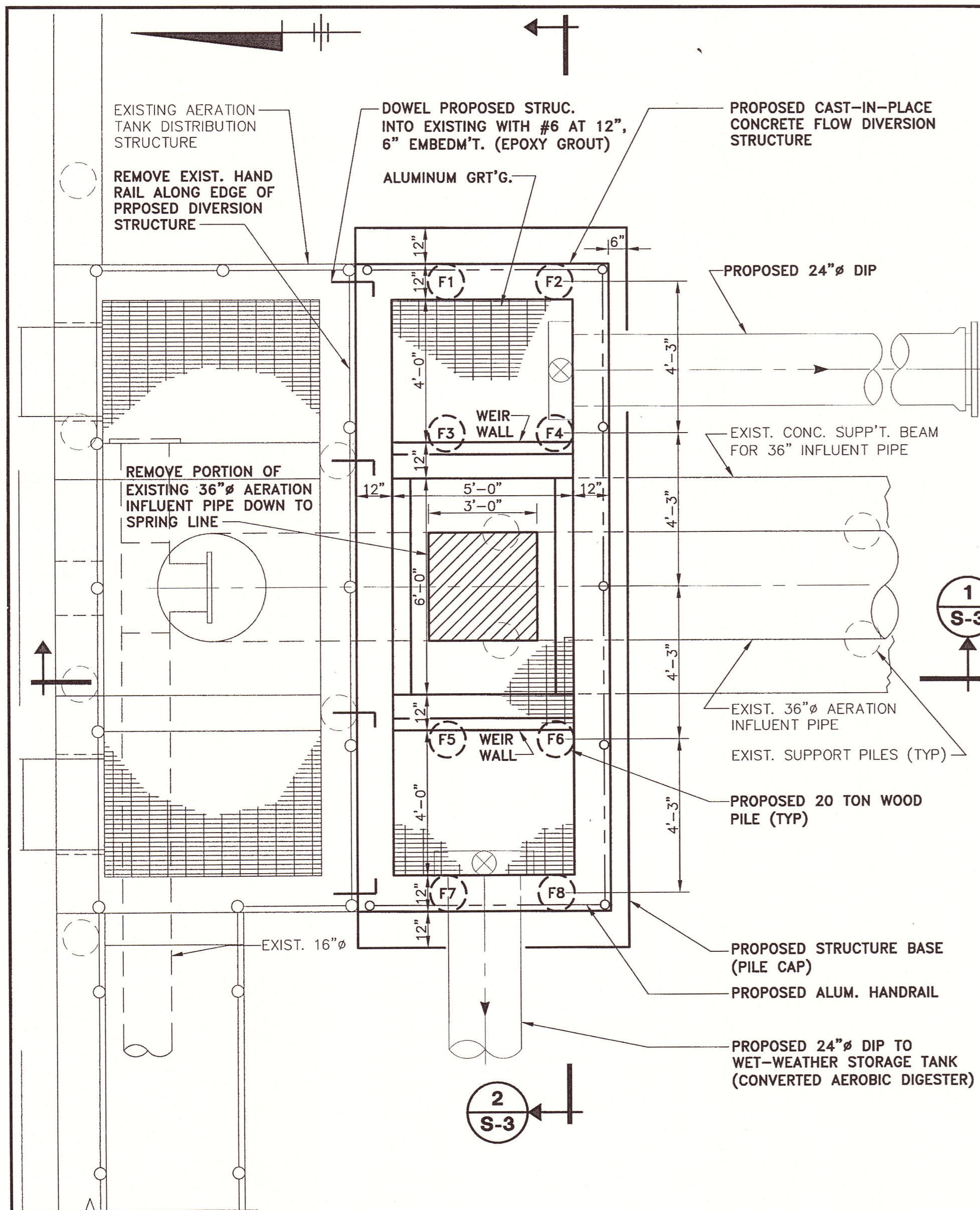
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WET-WEATHER STORAGE TANK
PLAN, SECTION AND DETAIL
STRUCTURAL

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S-2

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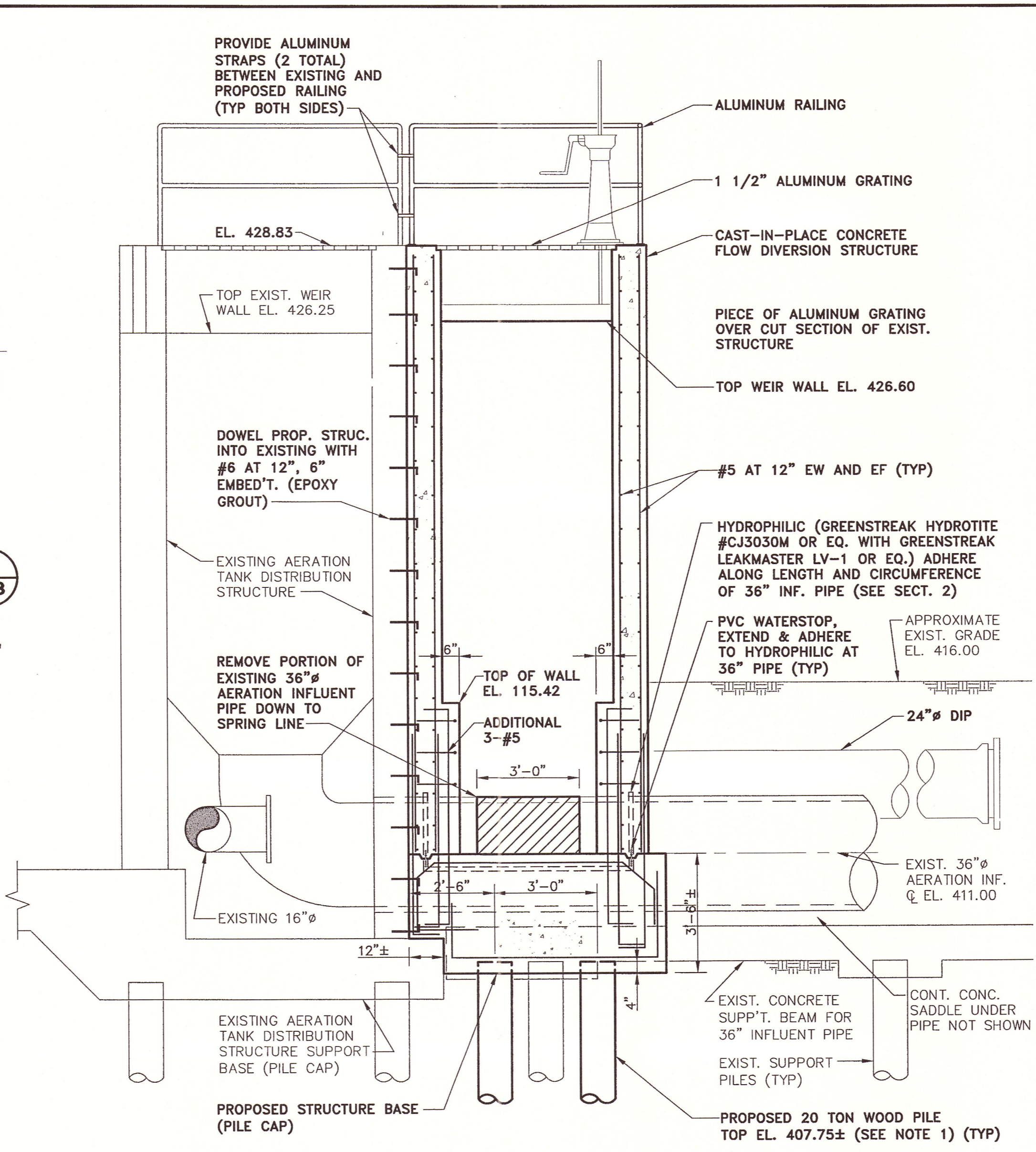


NOTE:

- ALL PILES (F1-F8) SHALL BE DRIVEN TO A CARRYING CAPACITY OF 20 TONS AND A MINIMUM DEPTH OF 40 FEET.

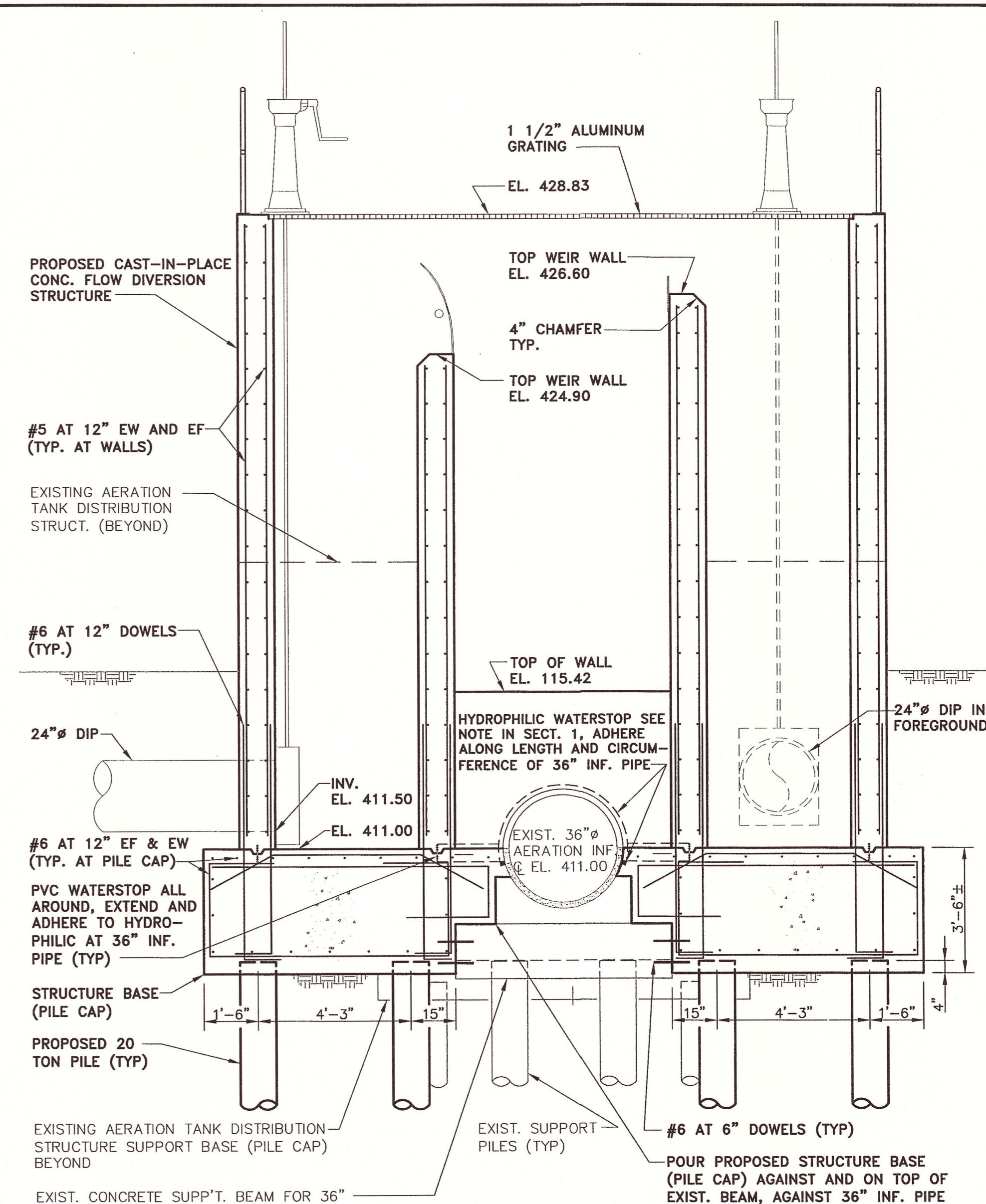
PLAN

SCALE: 3/8" = 1'-0"



SECTION 1

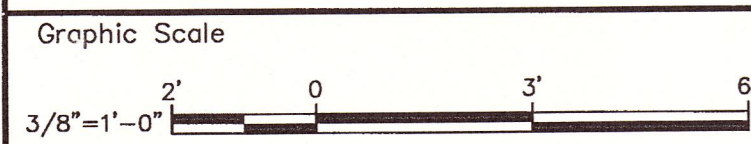
SCALE: 3/8" = 1'-0"



SECTION 2

SCALE: 3/8" = 1'-0"

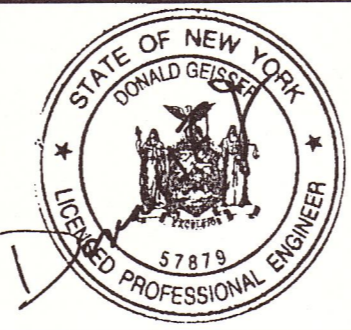
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L: ON=*, OFF=REF*
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3/27/05 PISC-14-SEK SYR-85-DJP
00373014/RECORD/STRUCT/00373S03.DWG



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No.	Date	Revisions	Init

Project Mgr. MLG
Designed by IM
Drawn by SEK
Checked by IM
Prof. Eng. Donald F. Geisser
PE License NY #57879



(RECORD DRAWING: MADE FROM DRAWING NO. S-3, TRACER NO. 00373014/STRUCT/00373S03.DWG, DATED 6/24/03)

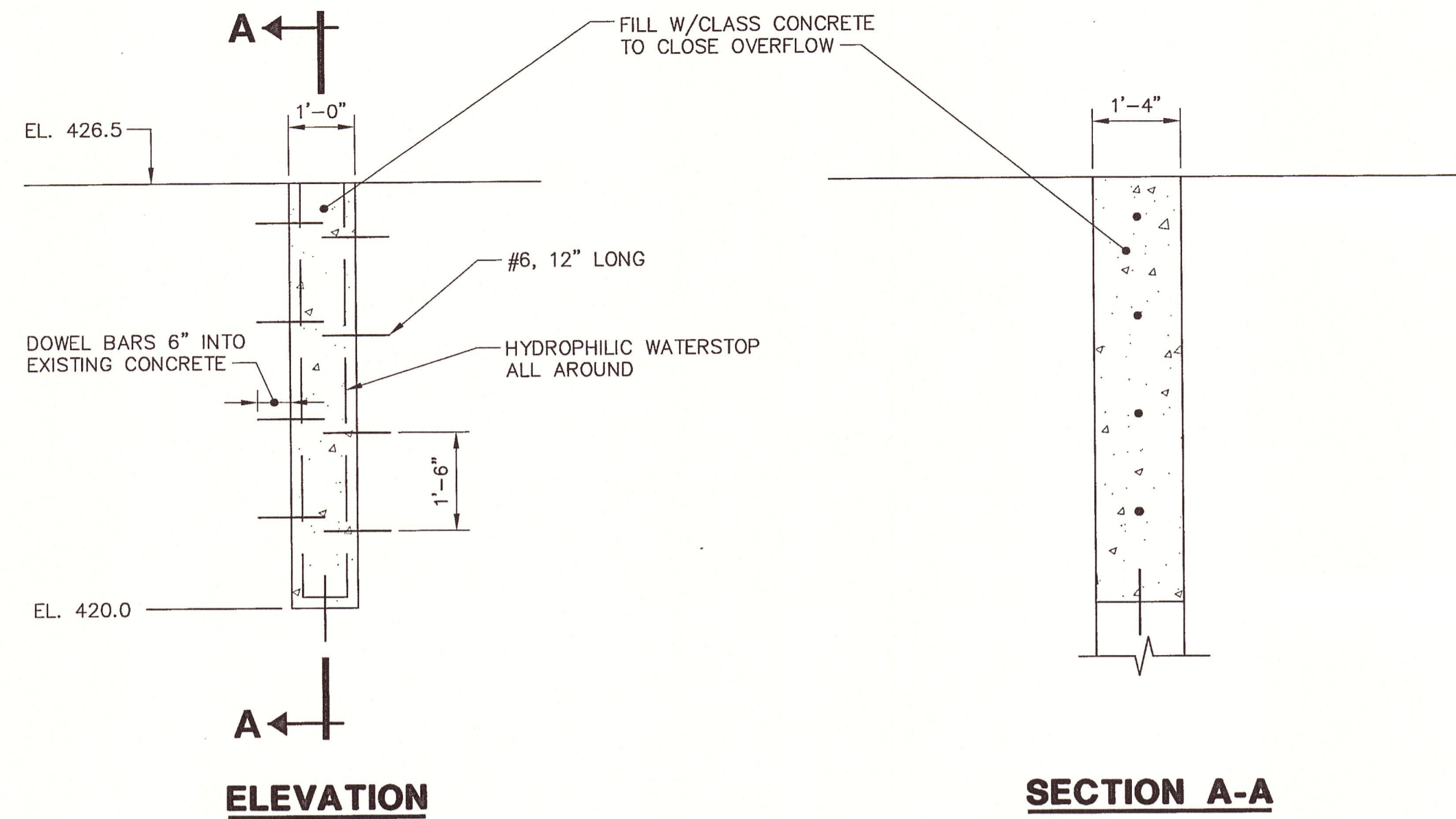
DATE 8/17/06 BY D. Geisser

ONONDAGA COUNTY DEPARTMENT OF WATER ENVIRONMENT PROTECTION
MEADOWBROOK-LIMESTONE WASTEWATER TREATMENT PLANT
PHASE ONE WET-WEATHER FLOW STORAGE FACILITIES
FLOW DIVERSION STRUCTURE
PLAN AND SECTIONS
STRUCTURAL

RECORD DRAWINGS
TO THE BEST OF OUR KNOWLEDGE,
INFORMATION AND BELIEF, THESE RECORD
DRAWINGS SUBSTANTIALLY REPRESENT
THE PROJECT AS CONSTRUCTED.
BLASLAND, BOUCK & LEE, INC.

File Number
003.73
Date
JUNE 2003
Blasland, Bouck & Lee, Inc.
Corporate Headquarters
8723 Towpath Road
Syracuse, NY 13214
315-446-9120

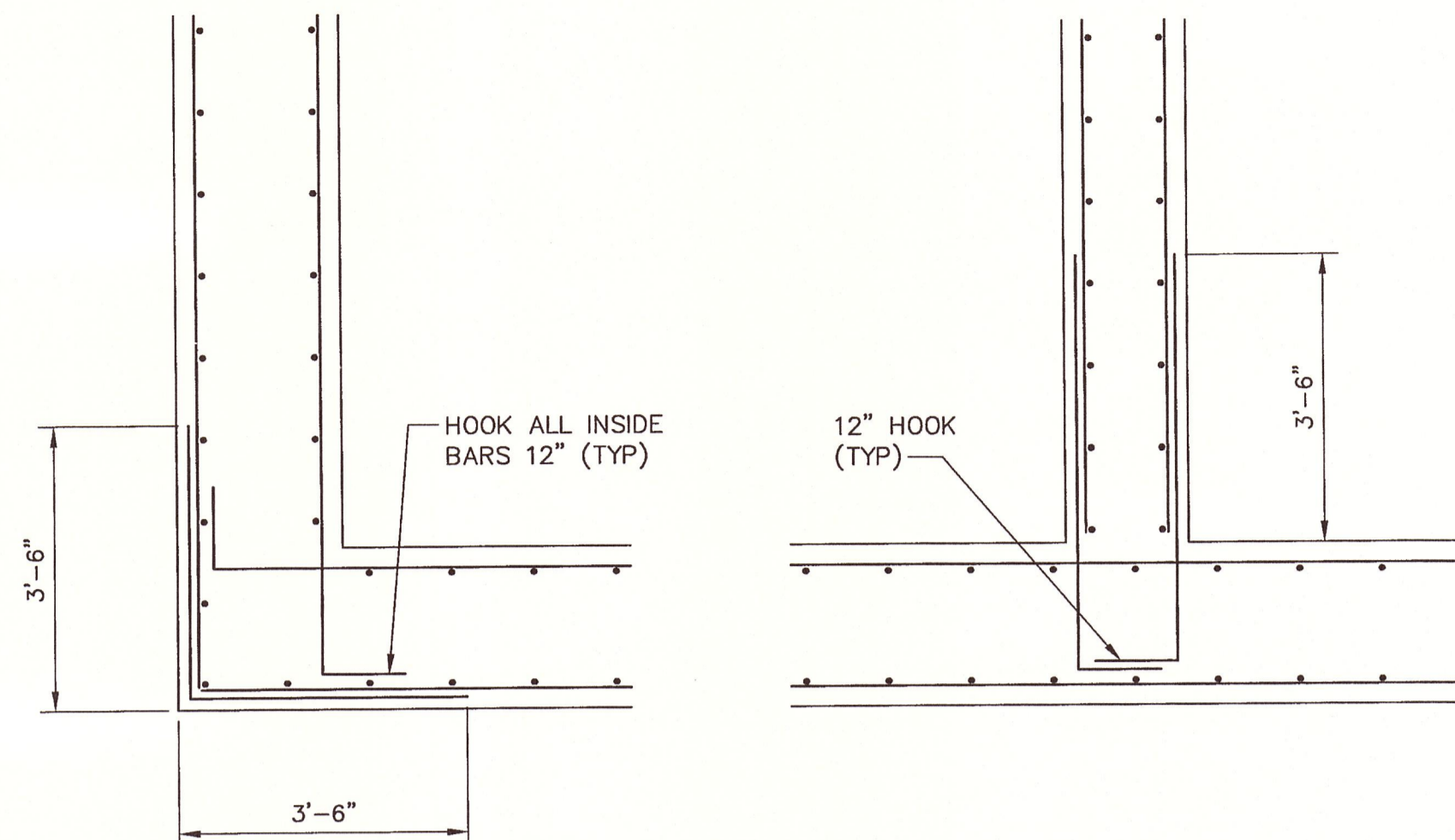
S-3



WALL OPENING CLOSURE DETAIL

(TYP OF 3)
SCALE: 1/2" = 1'-0"

NOTE:
1. REMOVE EXISTING STOP PLANKS AND CHANNEL BRACKETS (NOT SHOWN FOR CLARITY).



AT CORNERS

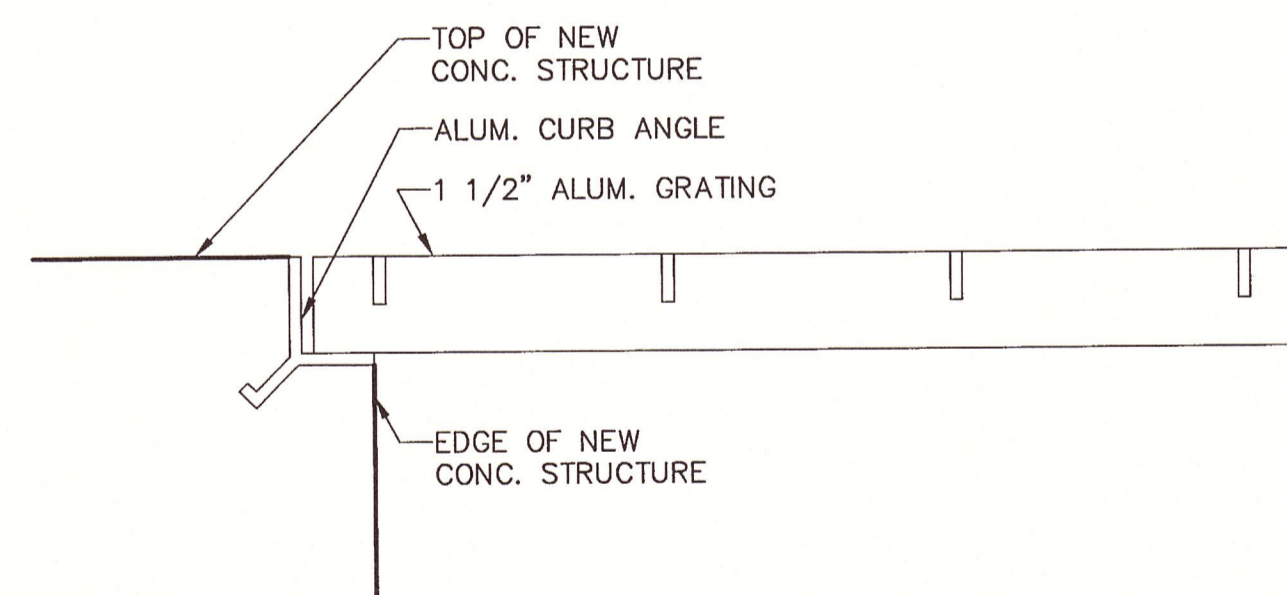
SCALE: 1/2" = 1'-0"

INTERSECTION

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

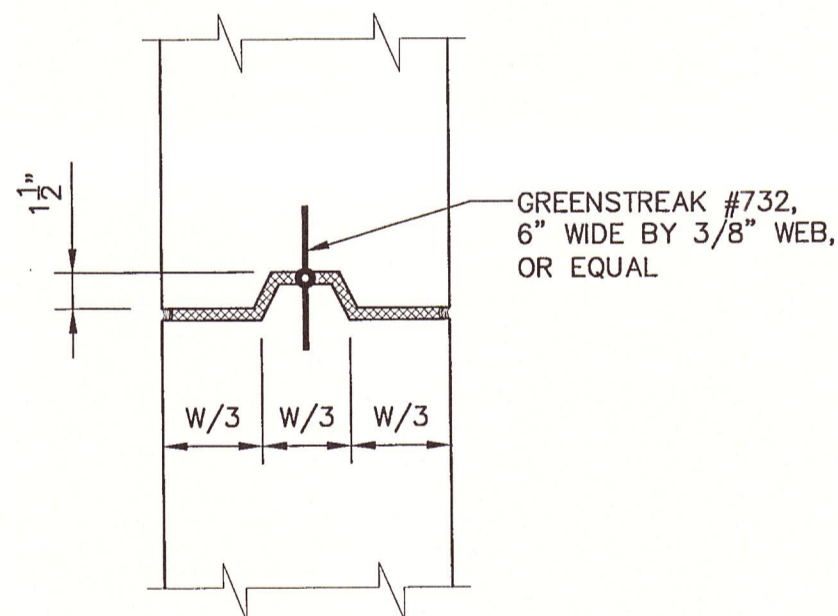
TYPICAL WALL REINFORCEMENT DETAILS

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



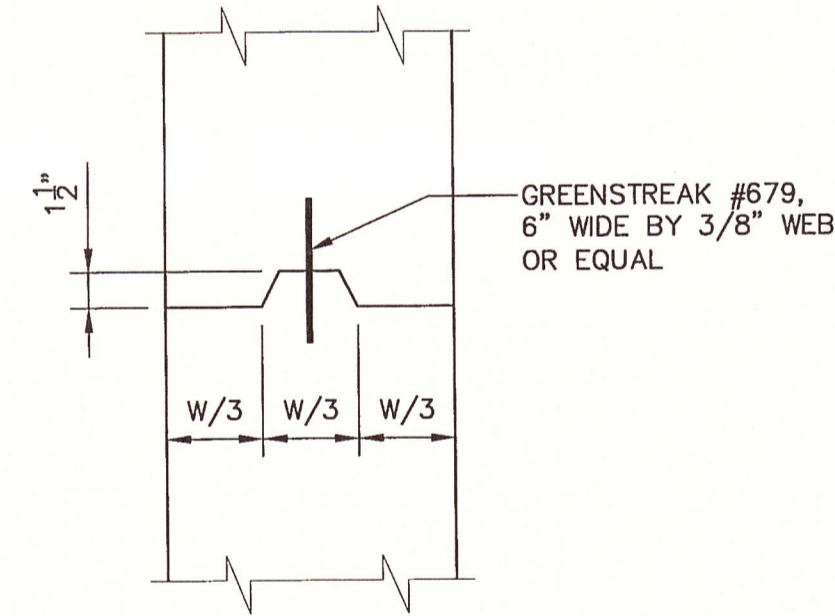
TYPICAL ALUMINUM GRATING SEAT DETAIL

SCALE: 3" = 1'-0"



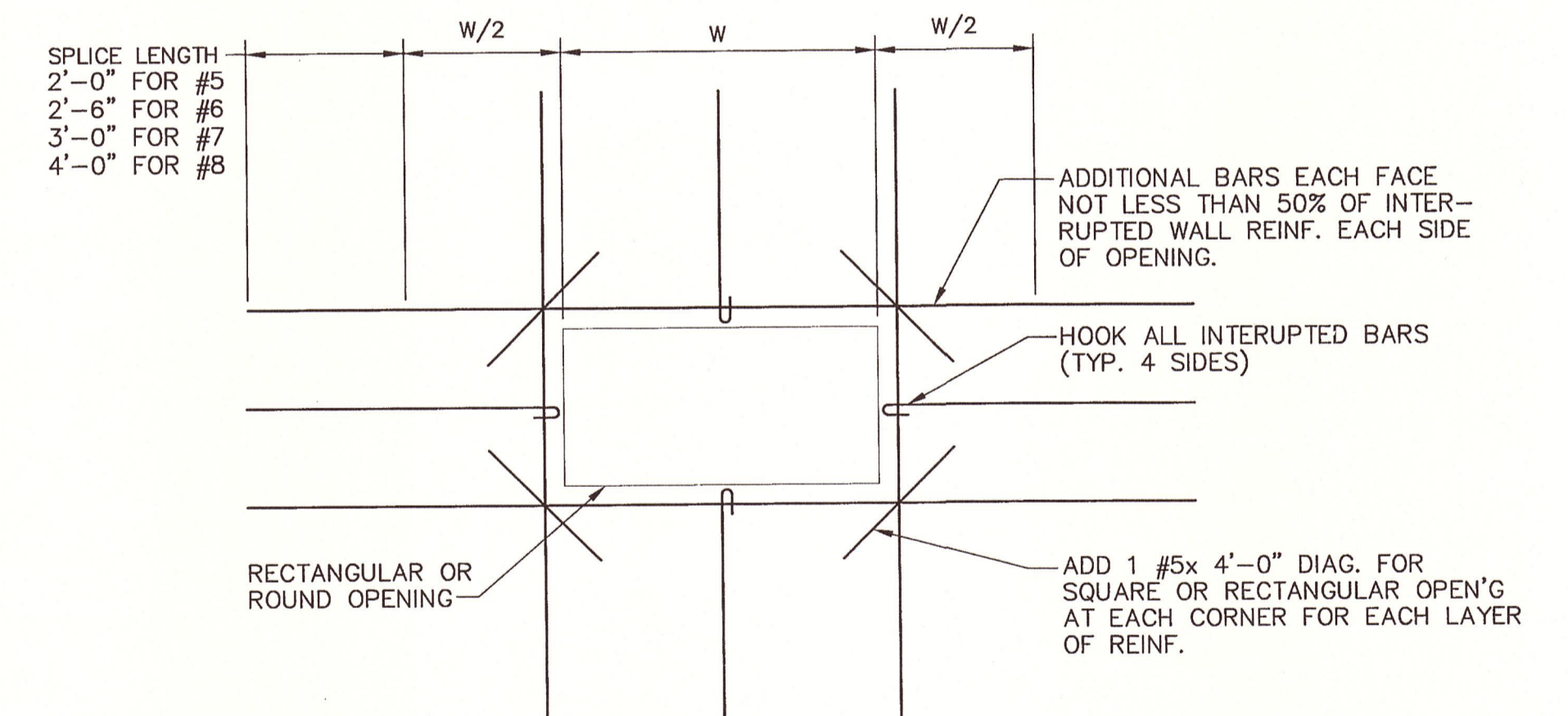
TYPICAL EXPANSION JOINT WATER STOP

NOT TO SCALE



TYPICAL CONSTRUCTION JOINT WATER STOP

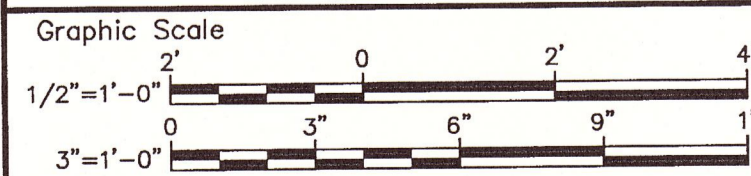
NOT TO SCALE



TYPICAL REINFORCEMENT DETAIL AT OPENINGS

NOT TO SCALE

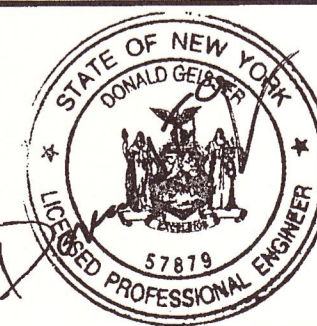
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3/27/06 PISC-14-SEK SYR-85-DJP GMS DJP
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No.	Date	Revisions	Init

Project Mgr. --- MLG ---
Designed by --- JM ---
Drawn by --- SEK ---
Checked by --- JM ---
Prof. Eng. --- Donald F. Geisser ---
PE License --- NY #57879 ---



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engineers & scientists

(RECORD DRAWING: MADE FROM DRAWING NO. S-4, TRACER NO. 00373014/STRUCT/00373S04.DWG, DATED 6/23/03)

ONONDAGA COUNTY DEPARTMENT OF WATER ENVIRONMENT PROTECTION
MEADOWBROOK-LIMESTONE WASTEWATER TREATMENT PLANT
PHASE ONE WET-WEATHER FLOW STORAGE FACILITIES

STRUCTURAL DETAILS

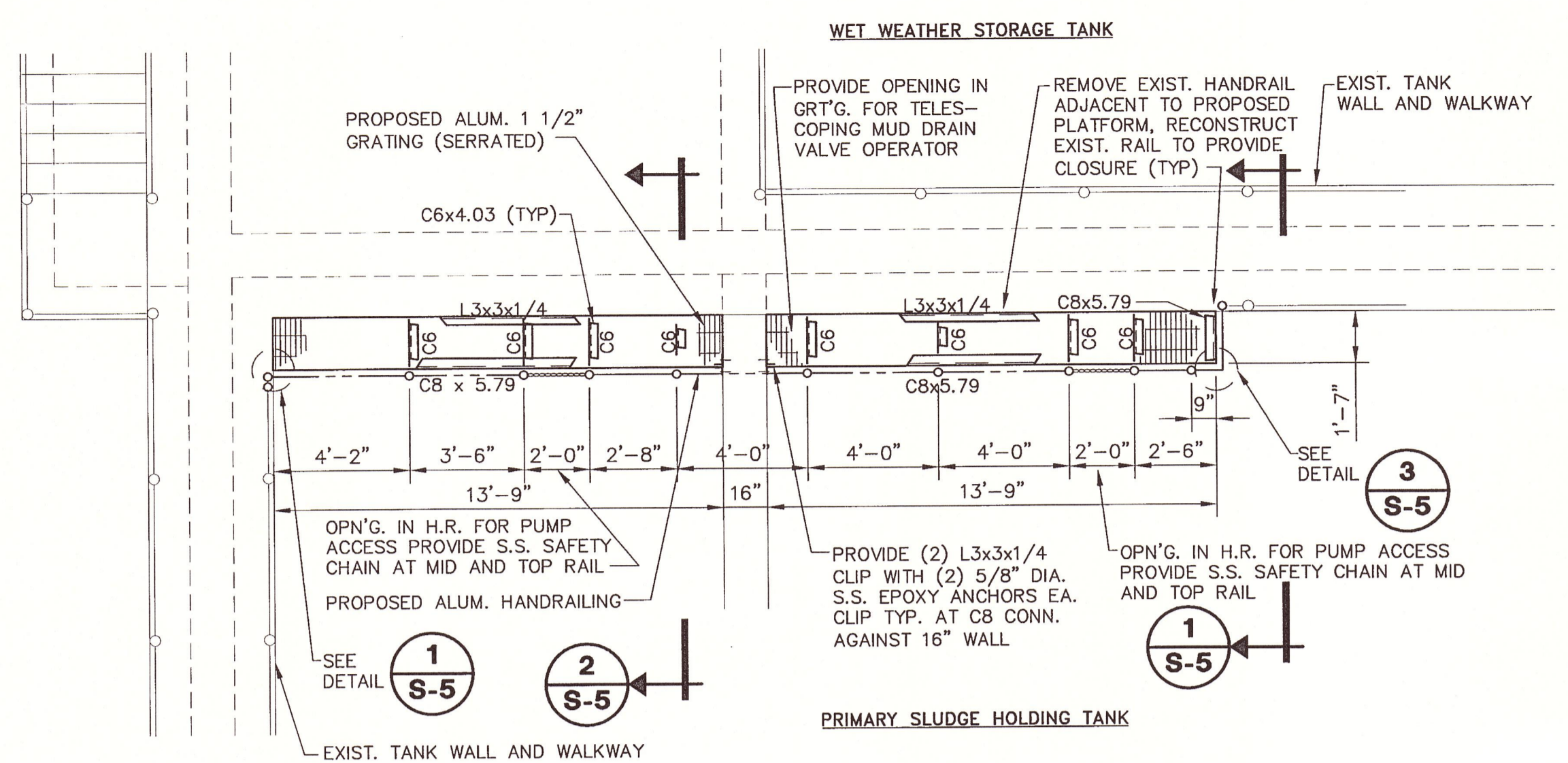
STRUCTURAL

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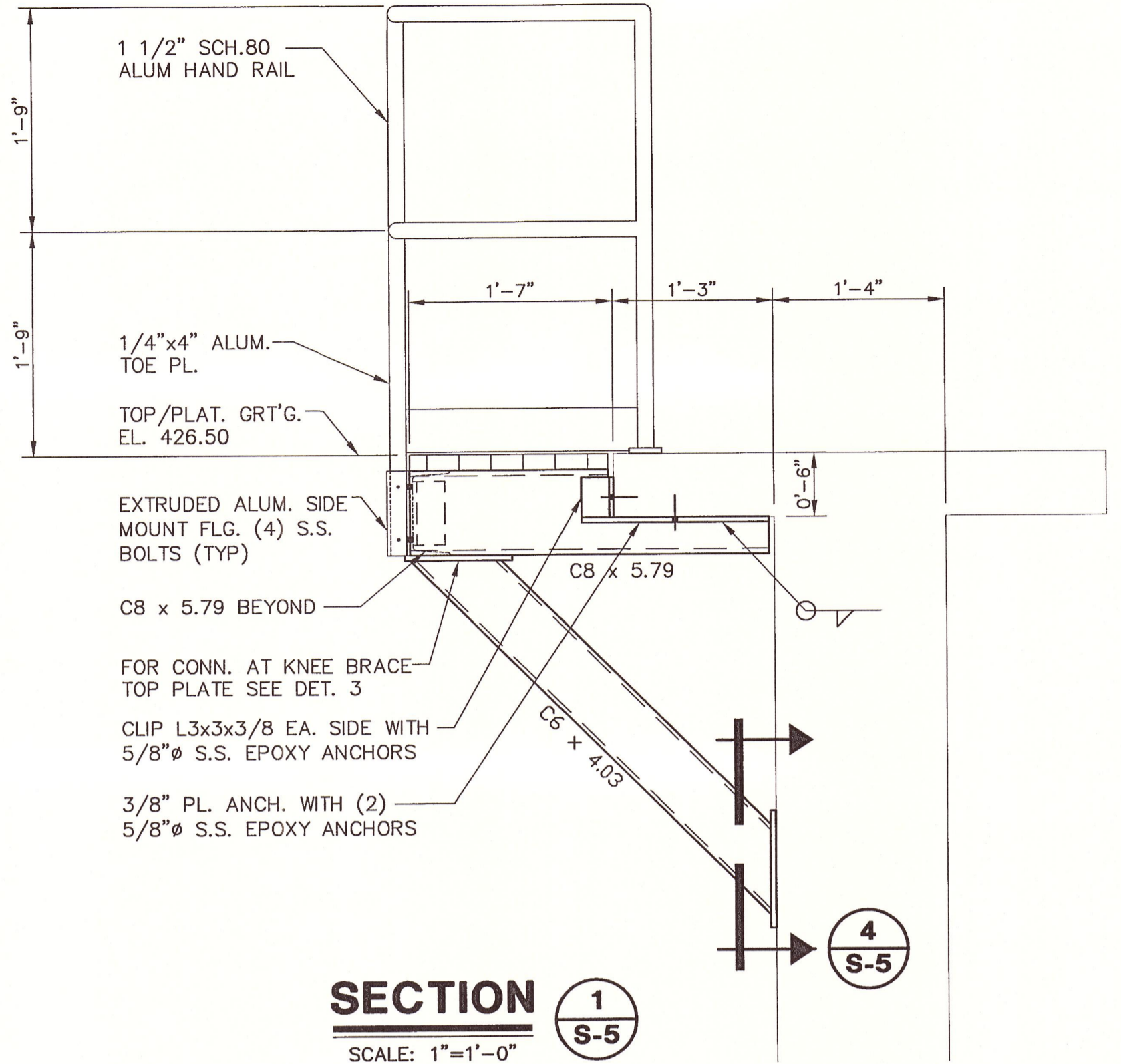
DATE 8/17/06 BY *Donald F. Geisser*

File Number
003.73
Date
JUNE 2003
Blasland, Bouck & Lee, Inc.
Corporate Headquarters
6723 Towpath Road
Syracuse, NY 13214
315-446-9120

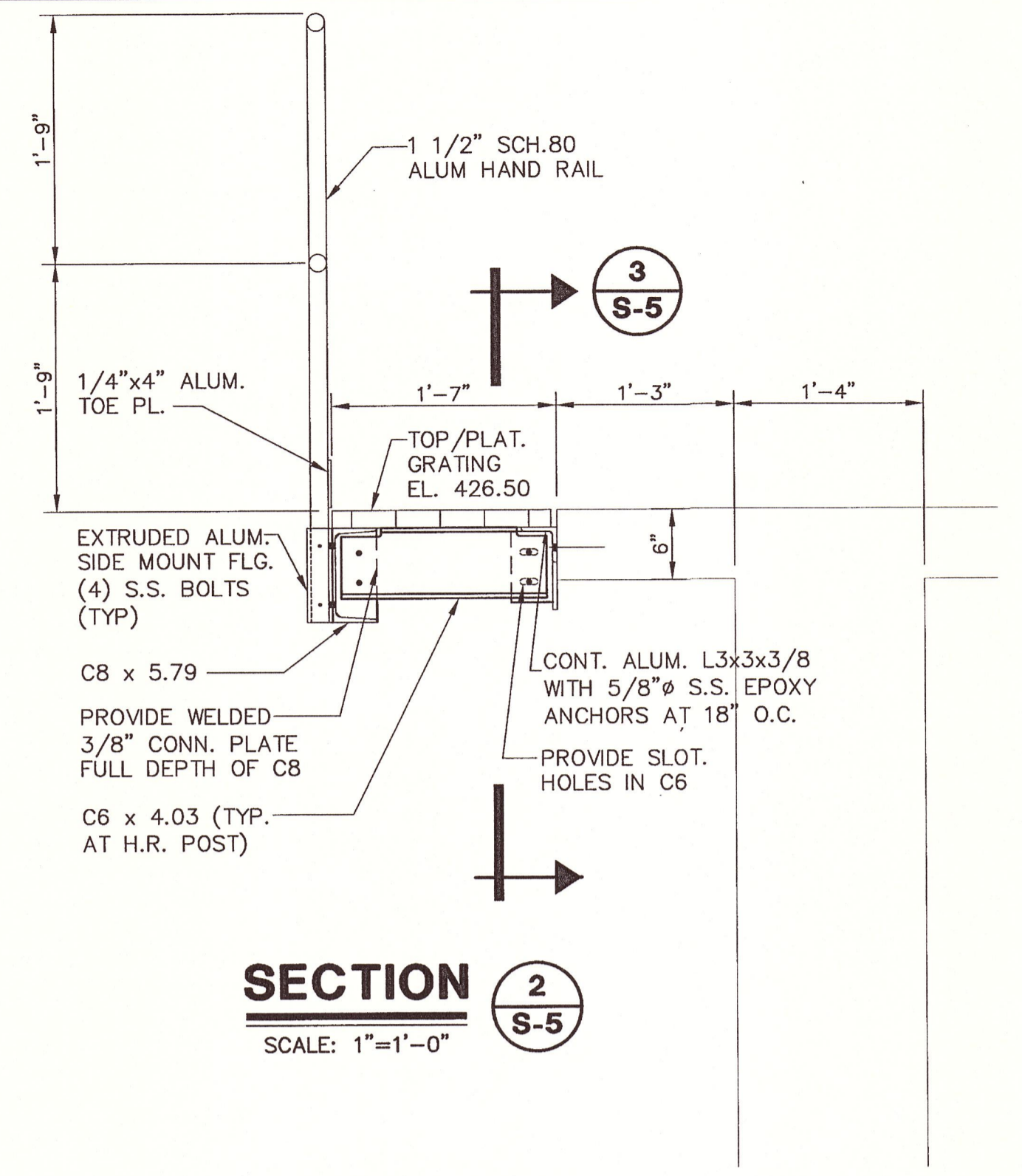
S-4



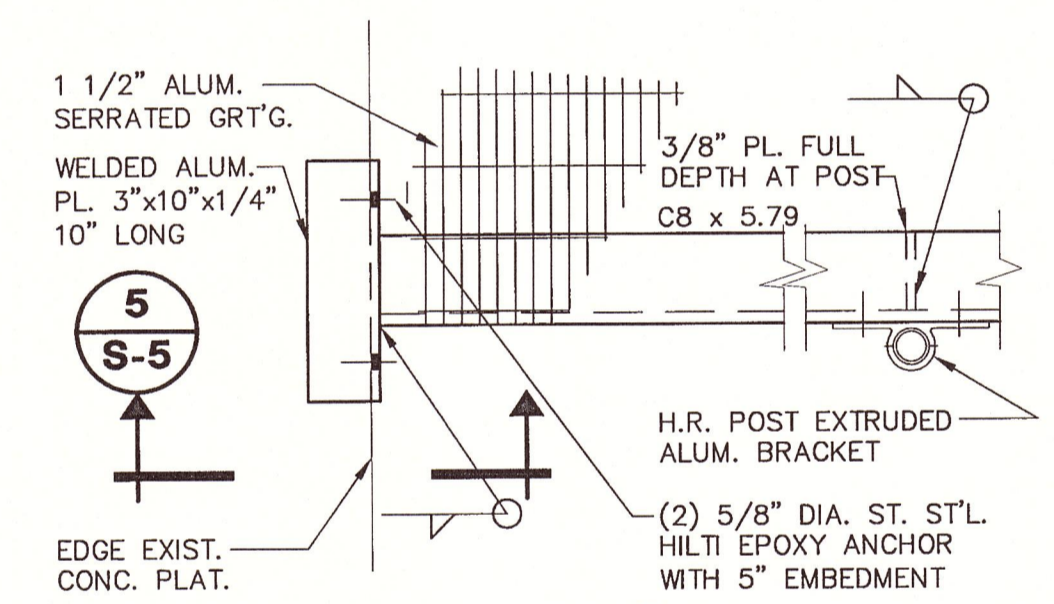
PART PLAN - EQUIPMENT ACCESS PLATFORM
SCALE: 1/4" = 1'-0"



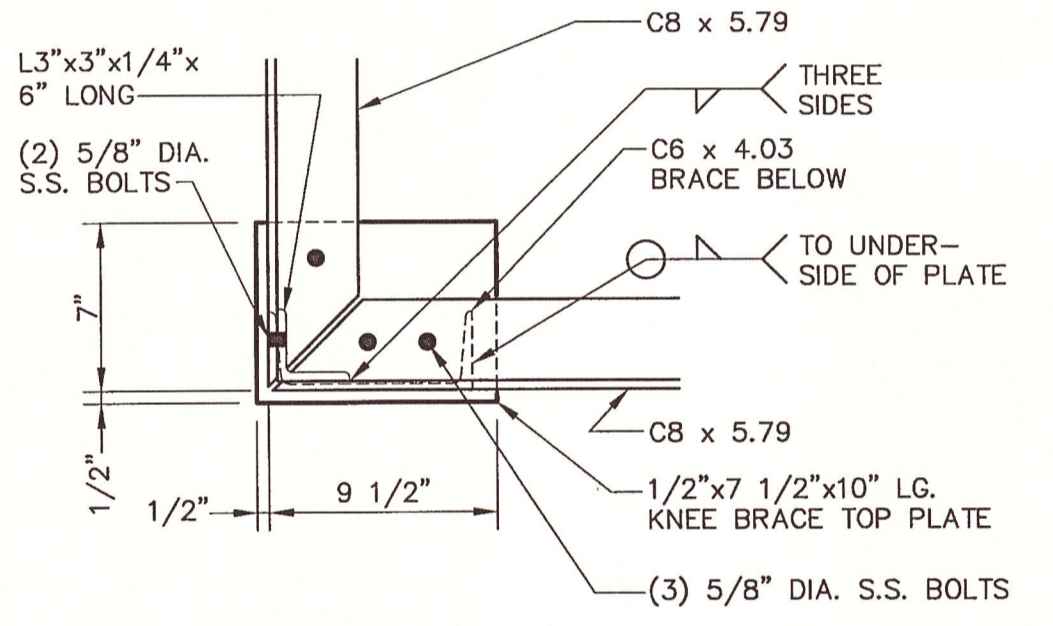
SECTION 1 S-5
SCALE: 1" = 1'-0"



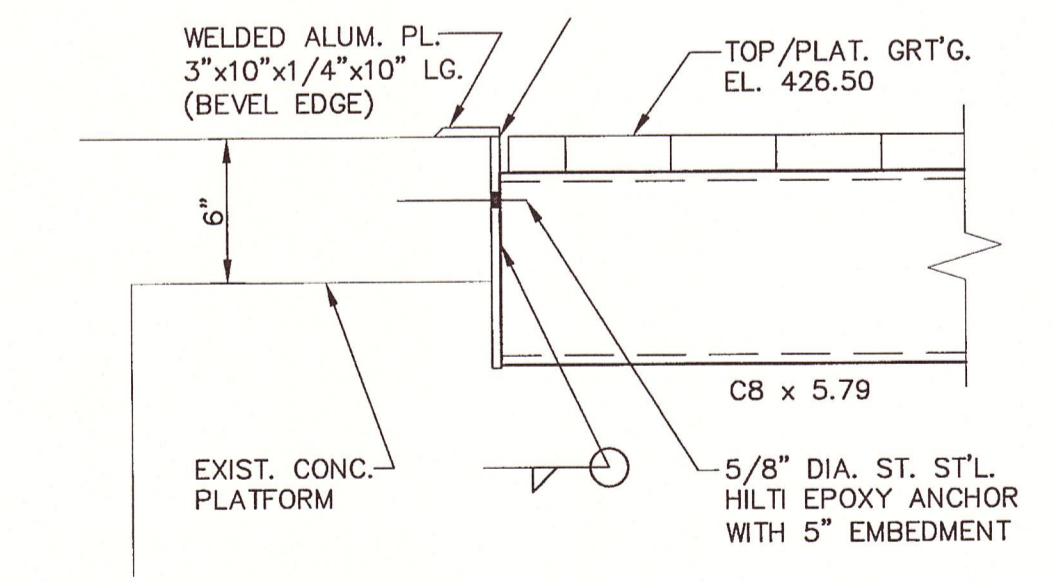
SECTION 2 S-5
SCALE: 1" = 1'-0"



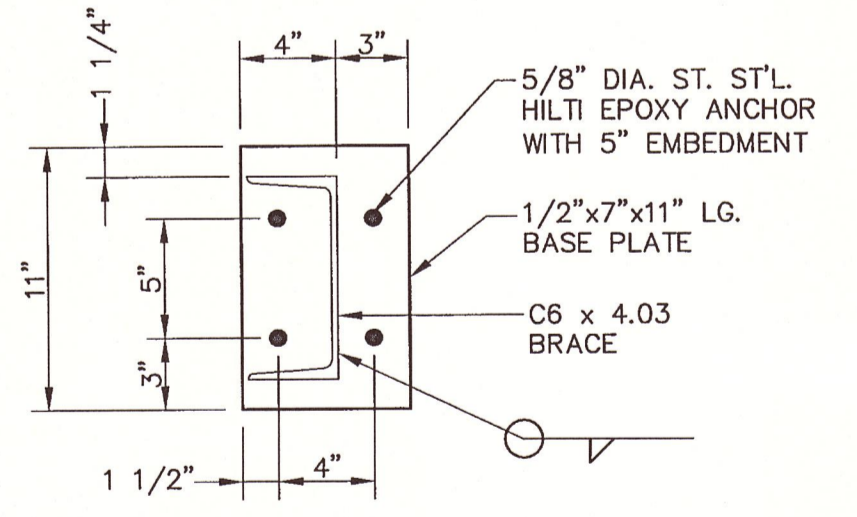
DETAIL 1 S-5
SCALE: 1 1/2" = 1'-0"



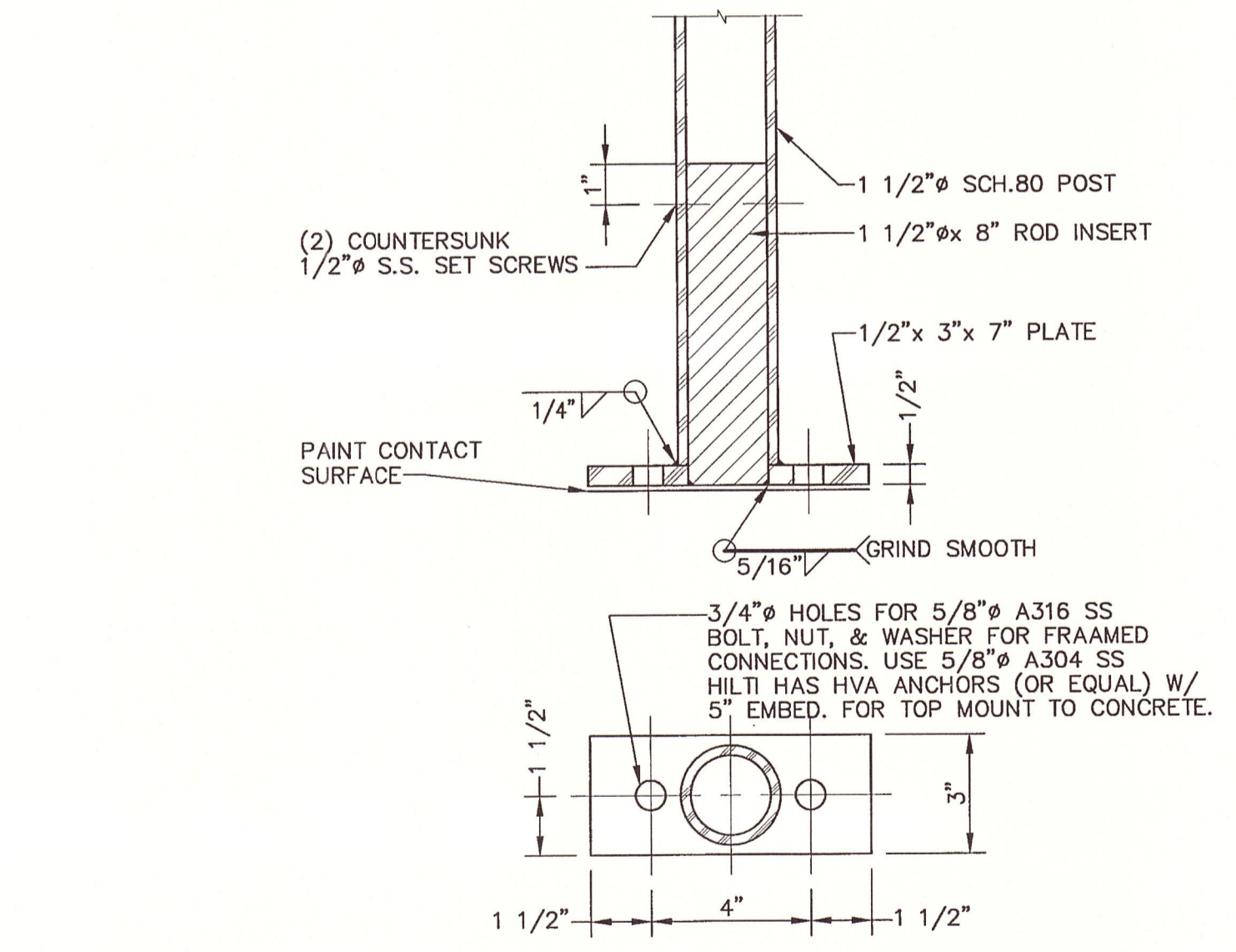
DETAIL 3 S-5
SCALE: 1 1/2" = 1'-0"



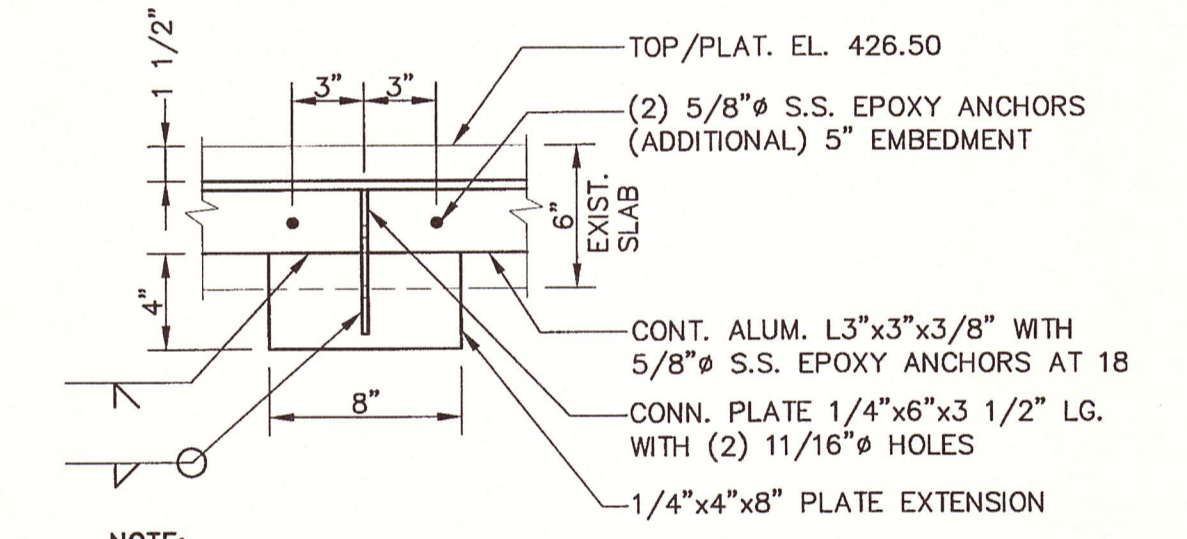
SECTION 5 S-5
SCALE: 1 1/2" = 1'-0"



SECTION 4 S-5
SCALE: 1 1/2" = 1'-0"

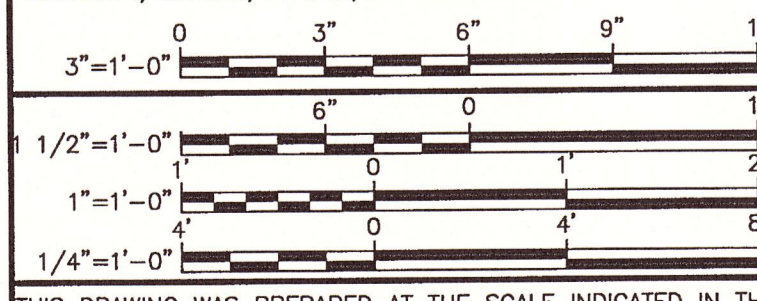


TYPICAL ALUMINUM HANDRAIL POST BASE PLATE DETAIL AT CONCRETE WALLS AND WALK
SCALE: 3" = 1'-0"



SECTION 3 S-5
SCALE: 1 1/2" = 1'-0"

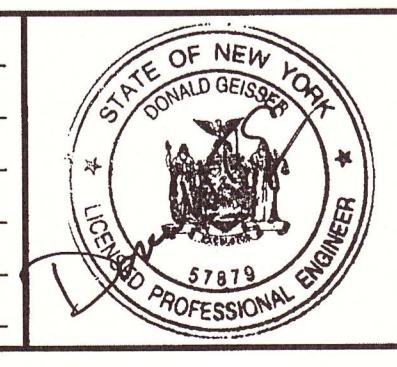
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No.	Date	Revisions	Init
1	7/14/03	GENERAL REVISIONS	DFG

Project Mgr. --- MLG ---
Designed by --- JM ---
Drawn by --- SEK ---
Checked by --- JM ---
Prof. Eng. --- Donald F. Geisser ---
PE License --- NY #57879 ---



BBL
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ONONDAGA COUNTY DEPARTMENT OF WATER ENVIRONMENT PROTECTION
MEADOWBROOK-LIMESTONE WASTEWATER TREATMENT PLANT
PHASE ONE WET-WEATHER FLOW STORAGE FACILITIES

MISCELLANEOUS DETAILS

STRUCTURAL

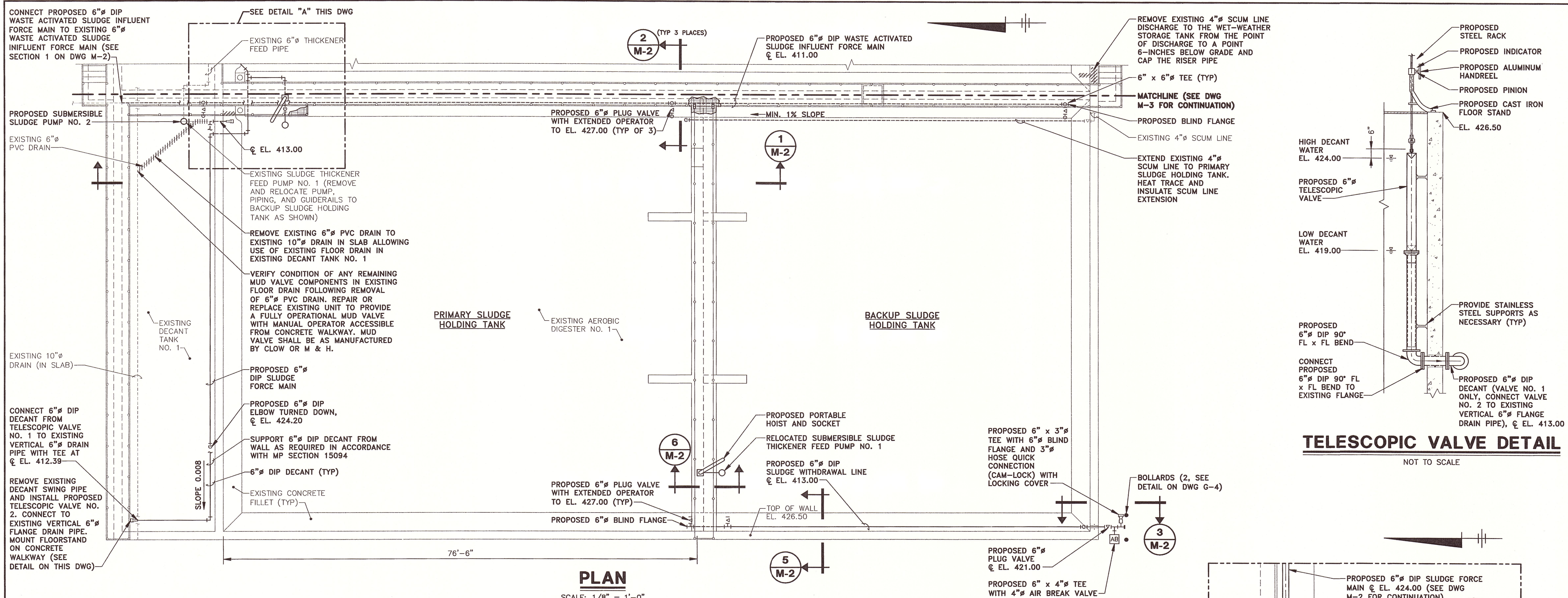
File Number
003.73

Date
JUNE 2003

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Corporate Headquarters
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Syracuse, NY 13214
315-446-9120

S-5

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BLASLAND, BOUCK & LEE, INC.



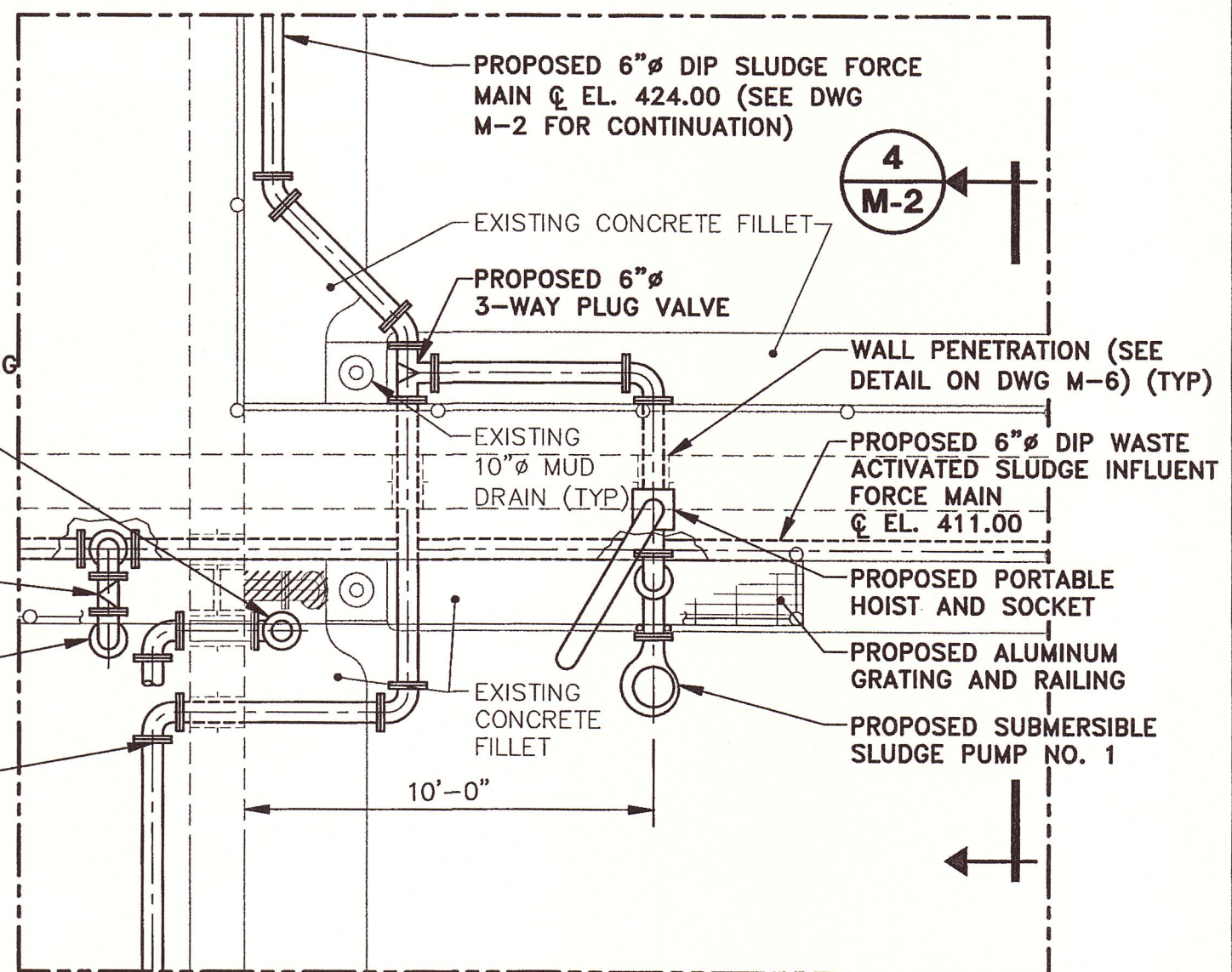
PLAN

SCALE: 1/8" = 1'-0"

- DEMOLITION REQUIREMENTS/NOTES**
- CONTRACT NO. 1A SHALL REMOVE THE FOLLOWING EXISTING PIPES AND SUPPORTS FROM EXISTING AEROBIC DIGESTER NO. 1 AND DECANT TANK NO. 1 (EXISTING PIPES NOT SHOWN ON DWG FOR CLARITY):
 - 6-INCH DIAMETER DIP WASTE ACTIVATED SLUDGE PIPE (APPROXIMATELY 160 LF)
 - 6-INCH DIAMETER DIP DECANT PIPES, INCLUDING DECANT SWING PIPES (APPROXIMATELY 20 LF)
 - 8-INCH AND 6-INCH DIAMETER SS AIR HEADERS IN AEROBIC DIGESTER NO. 1 (APPROXIMATELY 280 LF TOTAL)
 - HOIST FOR DECANT PIPE IN AEROBIC DIGESTER NO. 1
- NOTES**
- SEE DWG M-7 FOR DIFFUSED AIR SYSTEM DEMOLITION AND PROPOSED PIPING, VALVING, AND DIFFUSERS (NOT SHOWN ON THIS DWG FOR CLARITY)
 - PROVIDE NEW HOIST WITH EACH PROPOSED SUBMERSIBLE SLUDGE PUMP (TWO TOTAL) IN ACCORDANCE WITH SPEC SECTION MP-14300

TELESCOPIC VALVE DETAIL

NOT TO SCALE



DETAIL A

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

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X: 00373X00, X02.DWG
L: ON=*, OFF=REF*
P: PAGESET/PLT-CDL
3/27/06 SYR-85-DJP SDL DJP
00373014/RECORD/00373M03.DWG

Graphic Scale

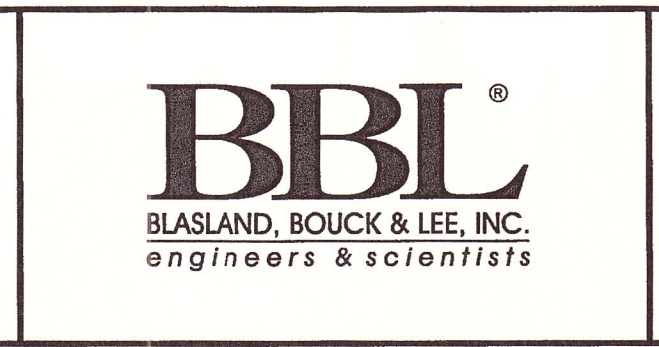
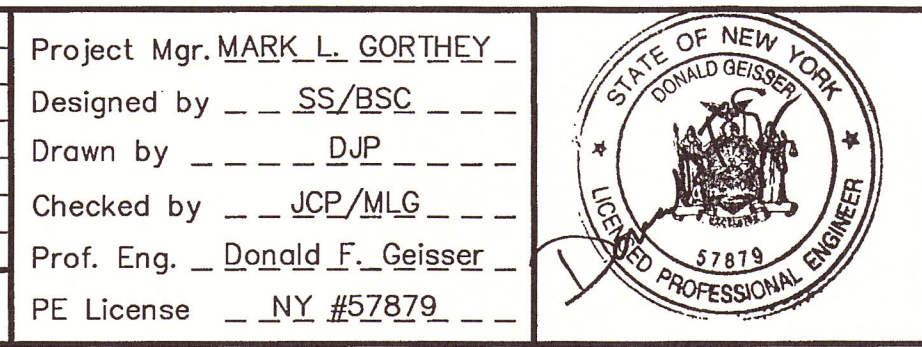
1/4" = 1'-0"

1/8" = 1'-0"

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No.	Date	Revisions	Init

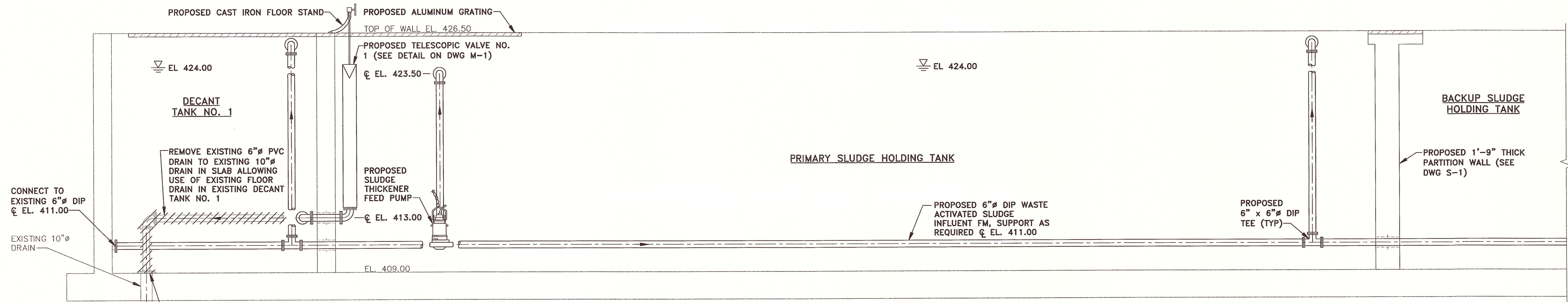
Project Mgr. <u>MARK L. GORTHEY</u>
Designed by <u>SS/BSC</u>
Drawn by <u>DJP</u>
Checked by <u>JCP/MLG</u>
Prof. Eng. <u>Donald F. Geisser</u>
PE License <u>NY #57879</u>



ONONDAGA COUNTY DEPARTMENT OF WATER ENVIRONMENT PROTECTION
MEADOWBROOK-LIMESTONE WASTEWATER TREATMENT PLANT
PHASE ONE WET-WEATHER FLOW STORAGE FACILITIES
SLUDGE HOLDING TANK -
PLAN AND DETAILS
MECHANICAL

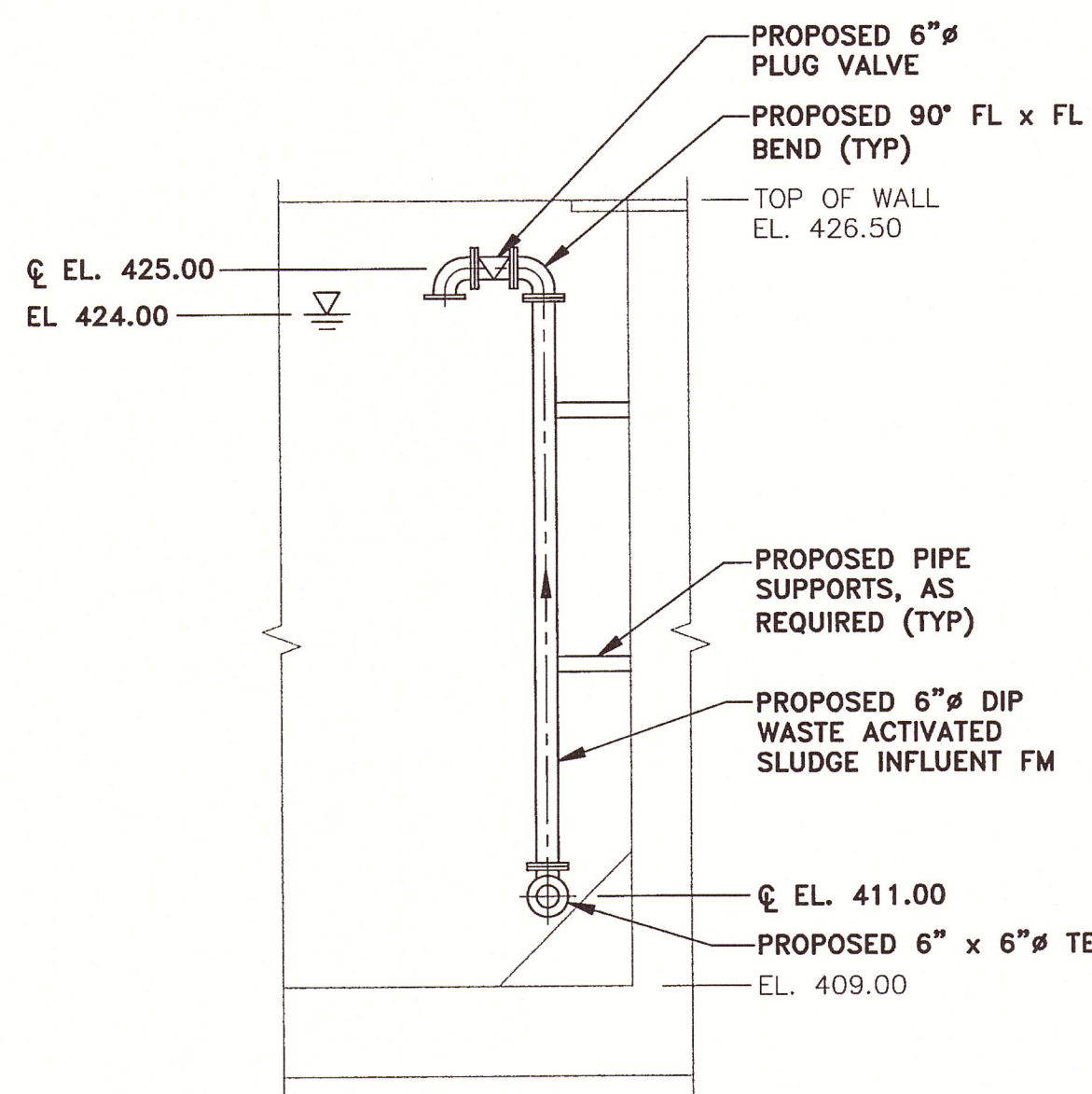
File Number 003.73
Date JUNE 2003
Blasland, Bouck & Lee, Inc. Corporate Headquarters 6723 Towpath Road Syracuse, NY 13214 315-446-9120

M-1

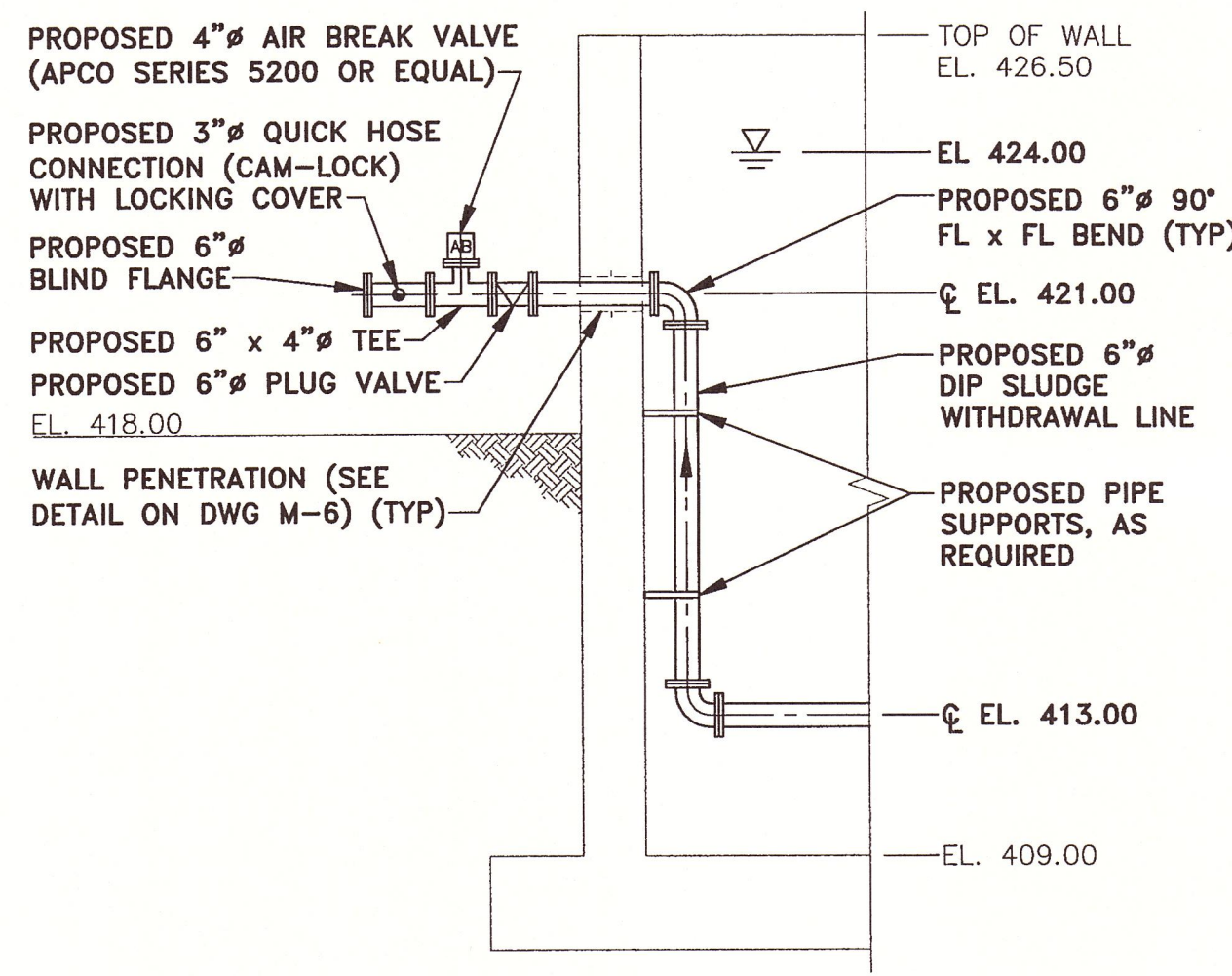


SECTION 1
SCALE: 1/4" = 1'-0"

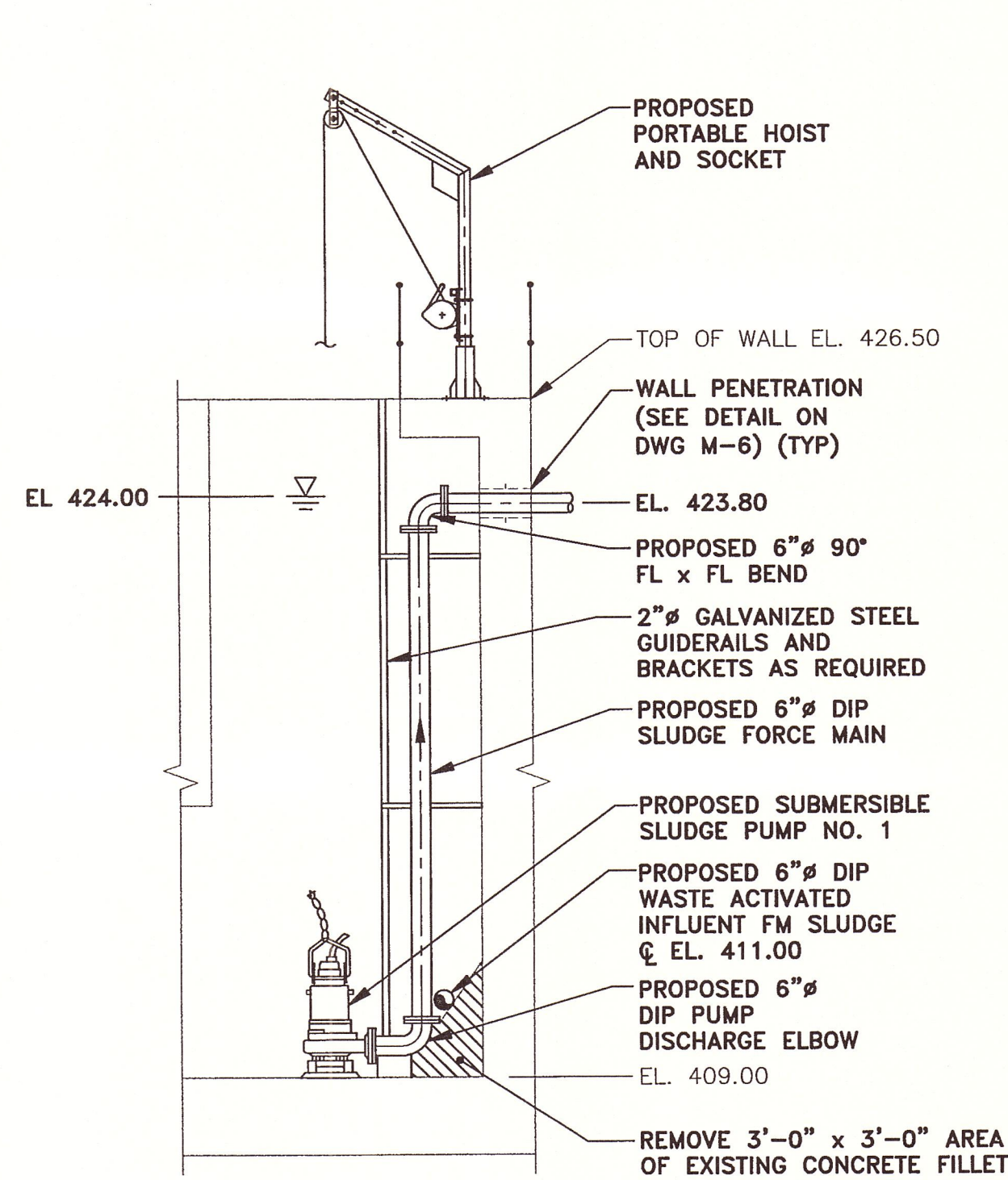
VERIFY CONDITION OF ANY REMAINING MUD VALVE COMPONENTS IN EXISTING FLOOR DRAIN FOLLOWING REMOVAL OF 6" PVC DRAIN. REPAIR OR REPLACE EXISTING UNIT TO PROVIDE A FULLY OPERATIONAL MUD VALVE WITH MANUAL OPERATOR ACCESSIBLE FROM CONCRETE WALKWAY. MUD VALVE SHALL BE AS MANUFACTURED BY CLOW OR M & H



SECTION 2
SCALE: 1/4" = 1'-0"

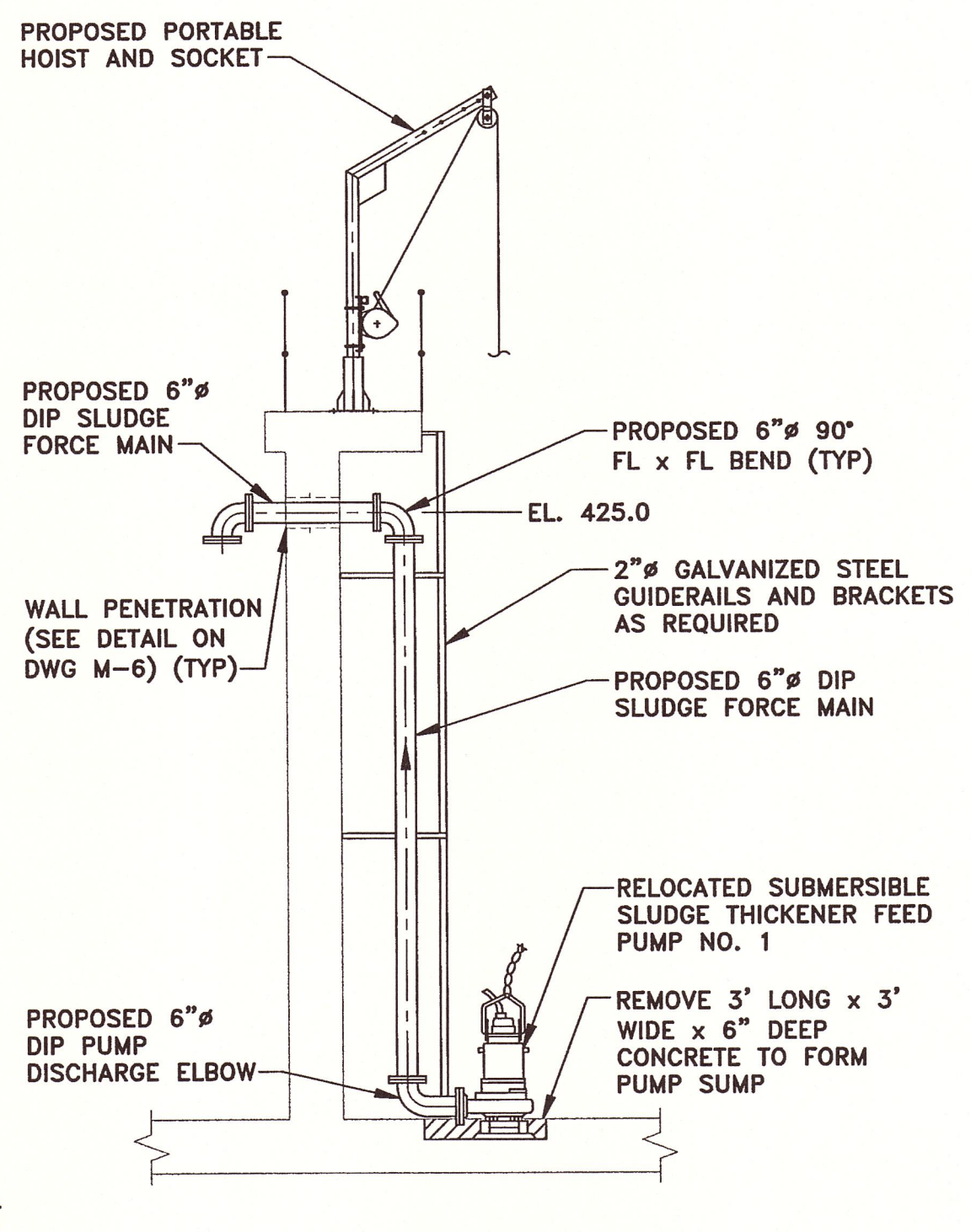


SECTION 3
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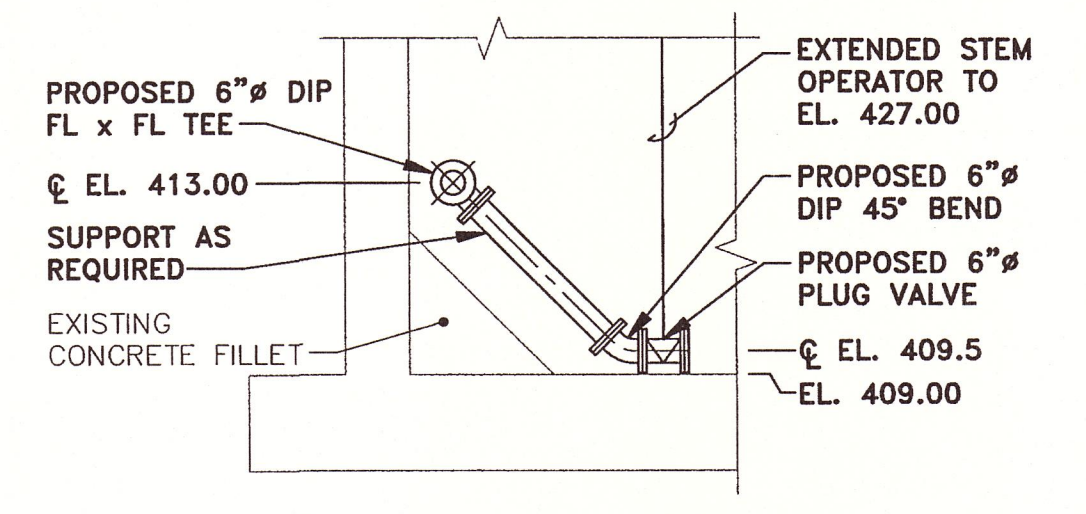


SECTION 4
SCALE: 1/4" = 1'-0"

NOTE:
1. SUBMERSIBLE SLUDGE PUMP NO. 2 SIMILAR.

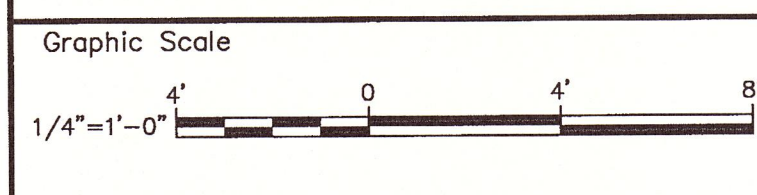


SECTION 6
SCALE: 1/4" = 1'-0"



SECTION 5
SCALE: 1/4" = 1'-0"

X: 00373X00.DWG
L: ON=*, OFF=REF*
P: PAGESET/PLT-ODL
3/27/06 SYR-BS-DJP GMS D.J.P
00373014/RECORD/00373M06.DWG



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No.	Date	Revisions	Init

Project Mgr. MARK L. GORTHEY
Designed by SS/BSC
Drawn by DJP
Checked by JCP/MLG
Prof. Eng. Donald F. Geisser
PE License NY #57879



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ONONDAGA COUNTY DEPARTMENT OF WATER ENVIRONMENT PROTECTION
MEADOWBROOK-LIMESTONE WASTEWATER TREATMENT PLANT
PHASE ONE WET-WEATHER FLOW STORAGE FACILITIES

SLUDGE HOLDING TANK - SECTIONS

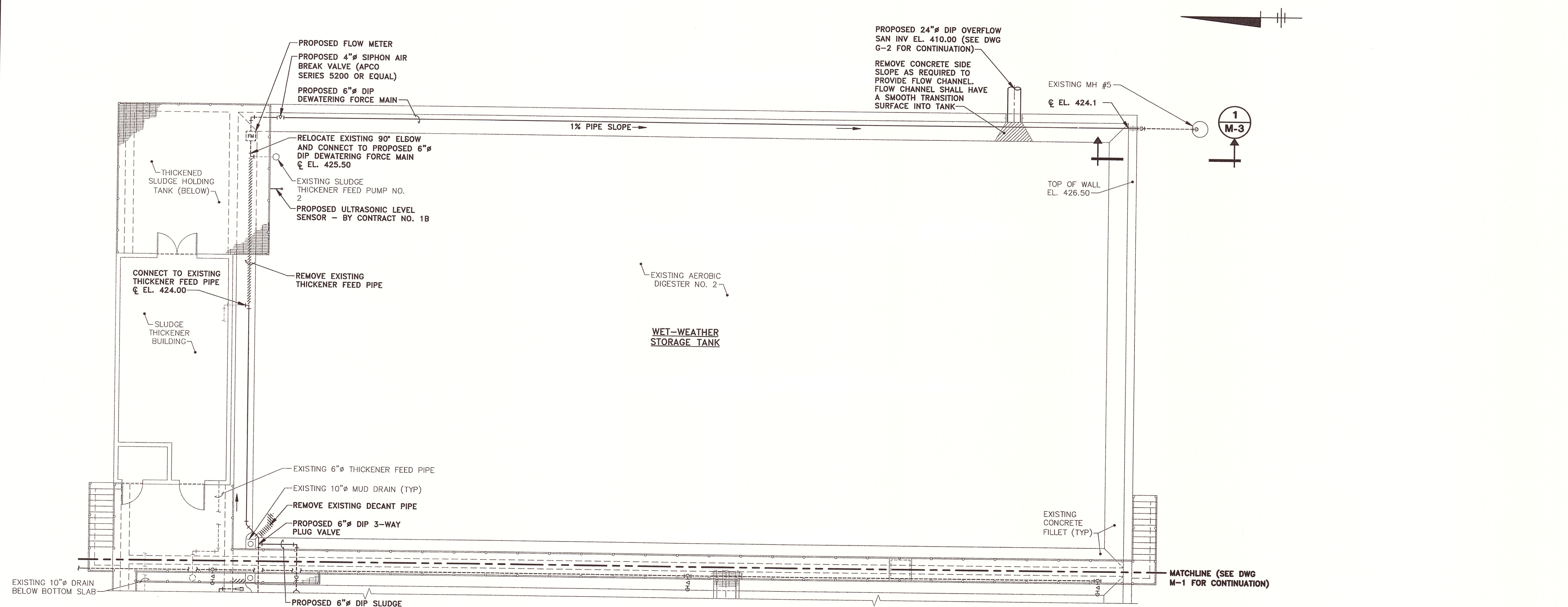
MECHANICAL

DATE 6/17/06 BY Donald F. Geisser

File Number
003.73
Date
JUNE 2003
Blasland, Bouck & Lee, Inc.
Corporate Headquarters
6723 Towpath Road
Syracuse, NY 13214
315-446-9120

M-2

RECORD DRAWINGS
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BLASLAND, BOUCK & LEE, INC.



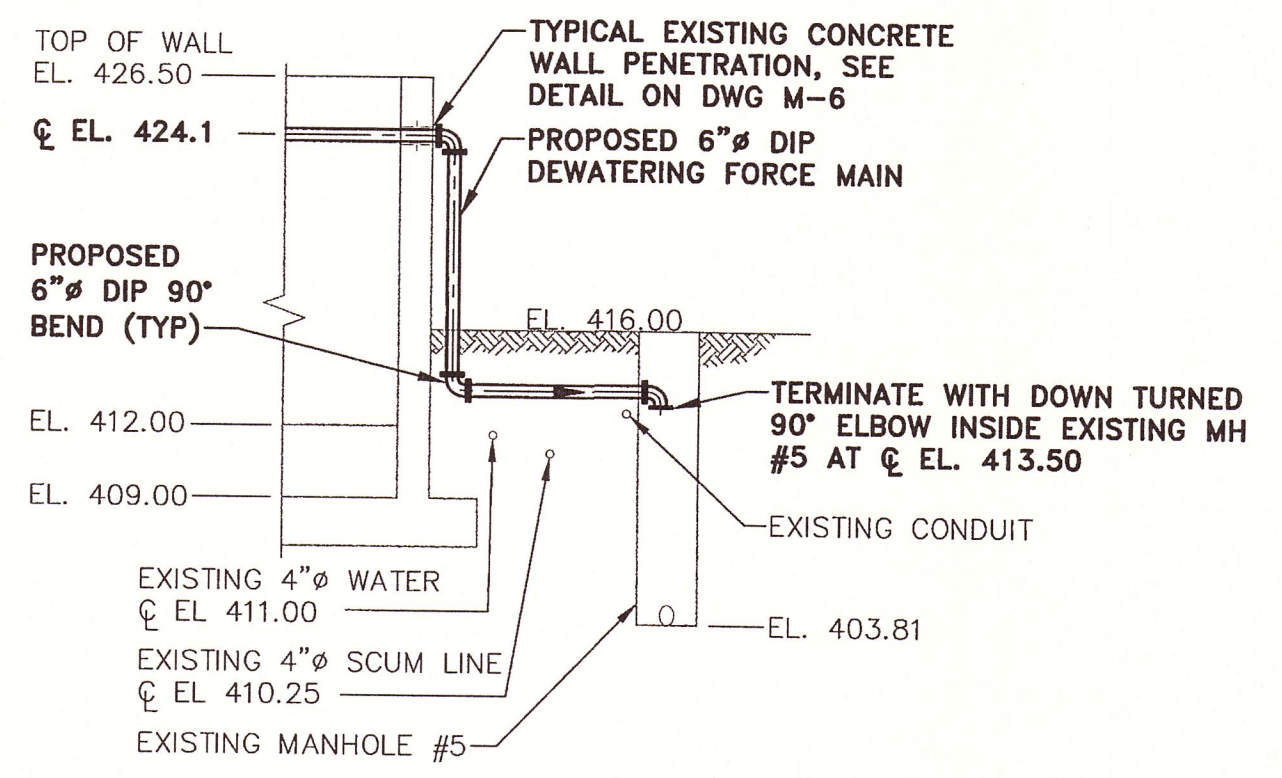
PLAN
SCALE: 1/8" = 1'-0"

DEMOLITION REQUIREMENTS/NOTES:

- CONTRACT NO. 1A SHALL REMOVE THE FOLLOWING EXISTING PIPES AND SUPPORTS FROM EXISTING AEROBIC DIGESTER NO. 2 (EXISTING PIPES NOT SHOWN ON DRAWING FOR CLARITY)
 - 6-INCH DIAMETER DIP SLUDGE FORCE MAIN FROM EXISTING SLUDGE THICKENER FEED PUMP (APPROXIMATELY 25 LF TOTAL).

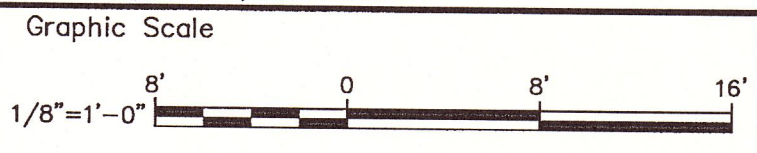
NOTES:

- SEE DWG. M-7 FOR DIFFUSED AIR SYSTEM DEMOLITION AND PROPOSED PIPING, VALVING, AND DIFFUSERS (NOT SHOWN ON THIS DRAWING FOR CLARITY).
- PROTECT IN PLACE EXISTING 10-INCH DIAMETER FIBERGLASS AIR HEADER AND 8- AND 6-INCH DIAMETER SS AIR HEADER FOR EXISTING AEROBIC DIGESTER NO. 2.



SECTION 1
SCALE: 1/8" = 1'-0"
M-3

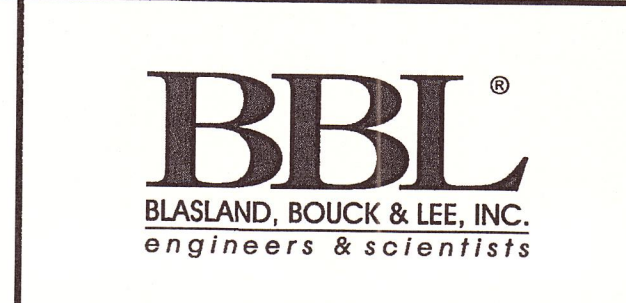
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3/28/06 SYR-85-DJP KMD DJP
00373014/RECORD/00373M02.DWG



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Project Mgr. MARK L. GORTHEY
Designed by SS/BSC
Drawn by DJP
Checked by JCP/MLG
Prof. Eng. Donald F. Geisser
PE License NY #57879



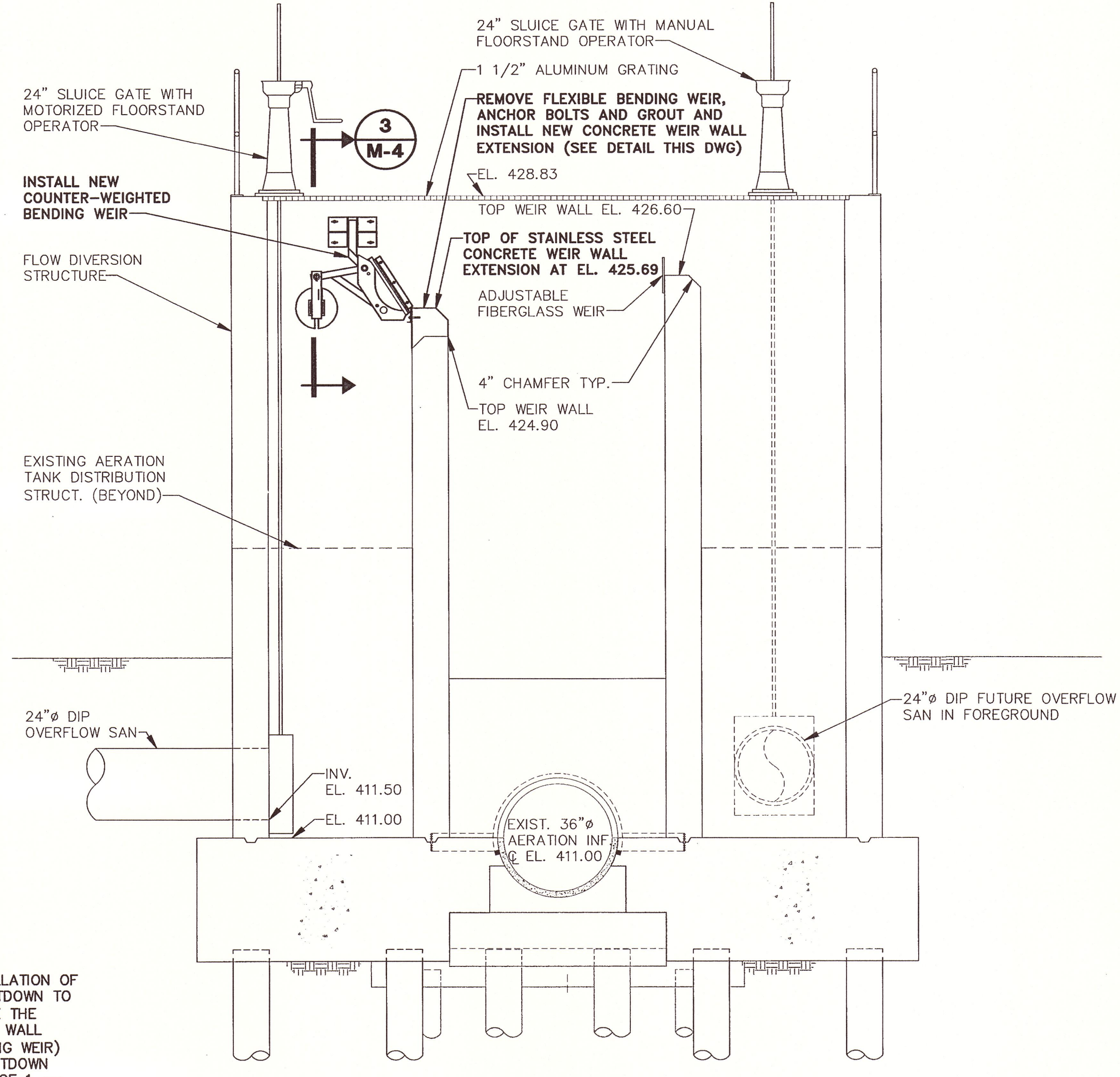
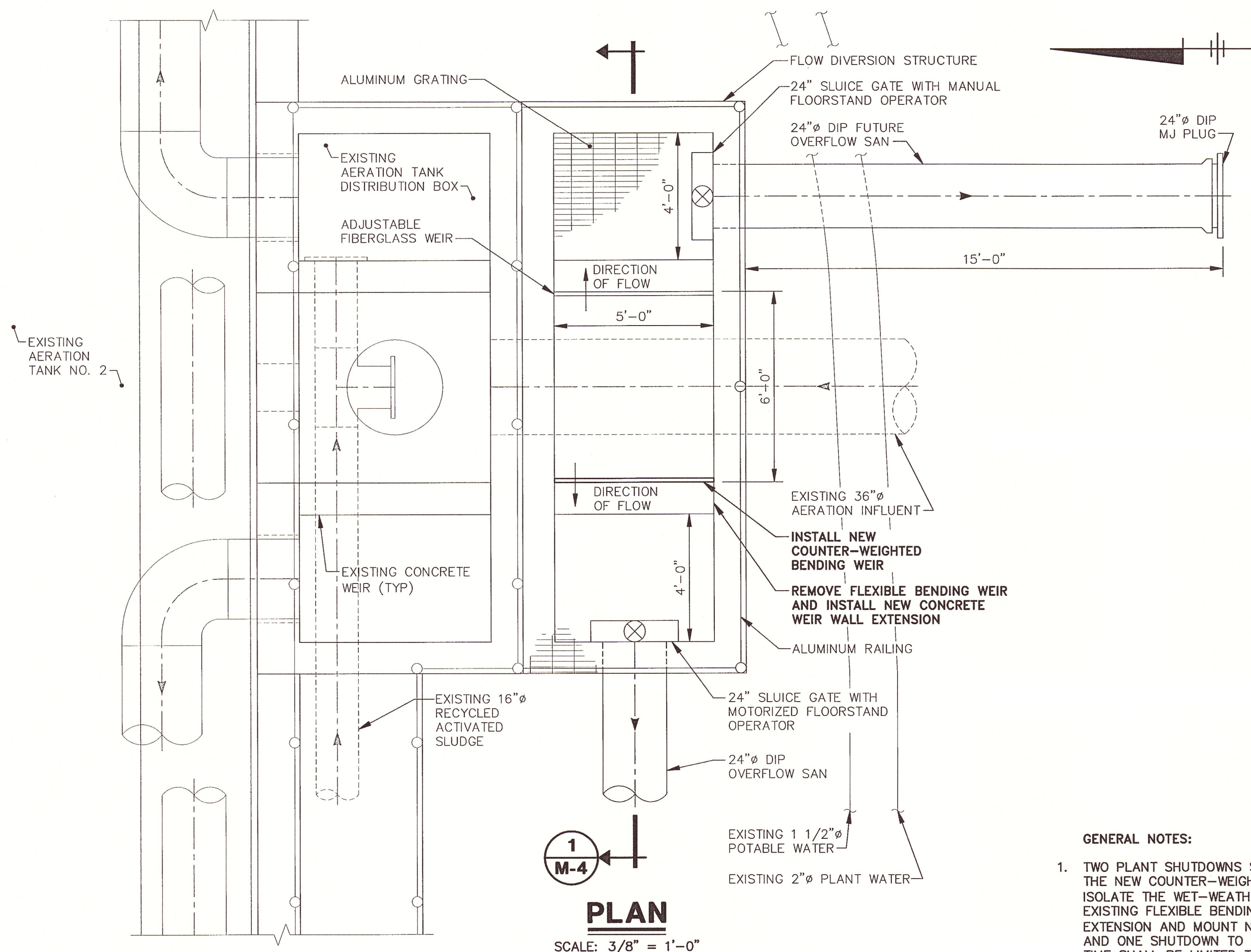
(RECORD DRAWING: MADE FROM DRAWING NO. M-3, TRACER NO. 00373014/00373M02.DWG, DATED 6/24/03) DATE 6/17/06 BY DFW/ES

ONONDAGA COUNTY DEPARTMENT OF WATER ENVIRONMENT PROTECTION
MEADOWBROOK-LIMESTONE WASTEWATER TREATMENT PLANT
PHASE ONE WET-WEATHER FLOW STORAGE FACILITIES
**WET-WEATHER STORAGE TANK -
PLAN AND SECTIONS**
MECHANICAL

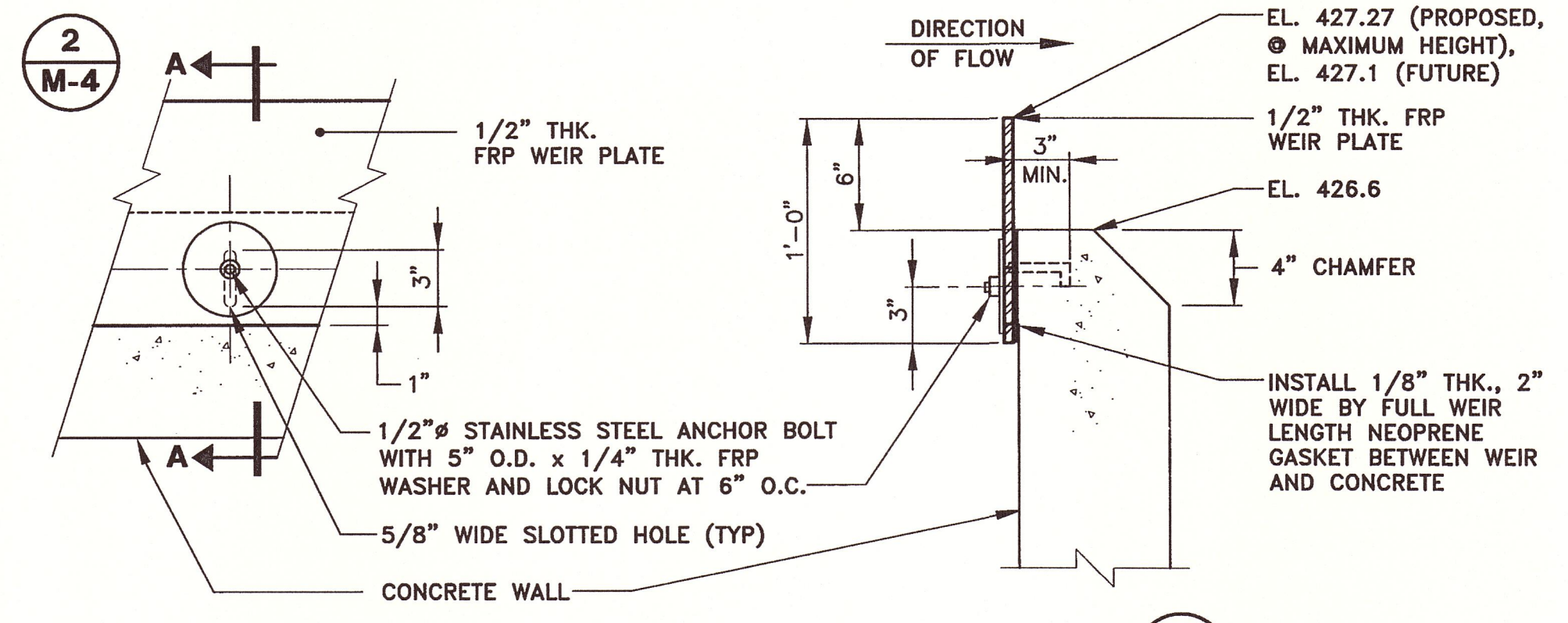
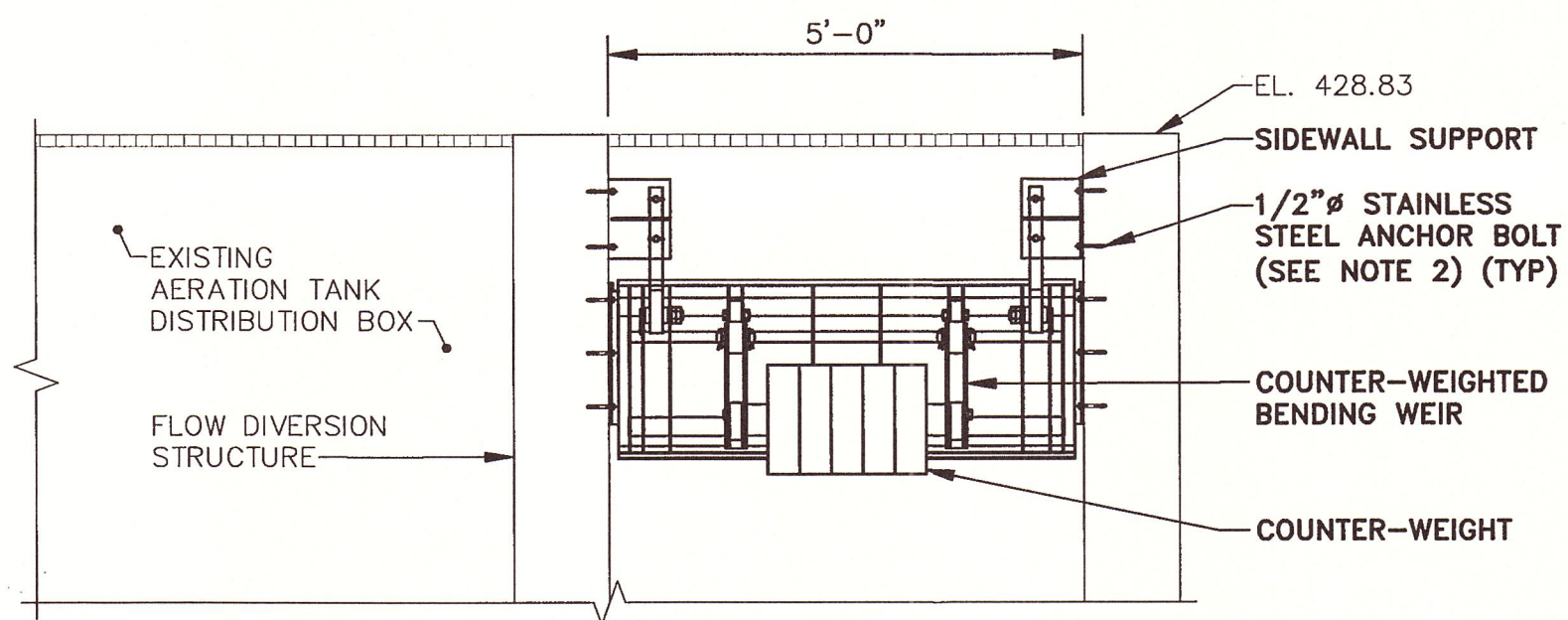
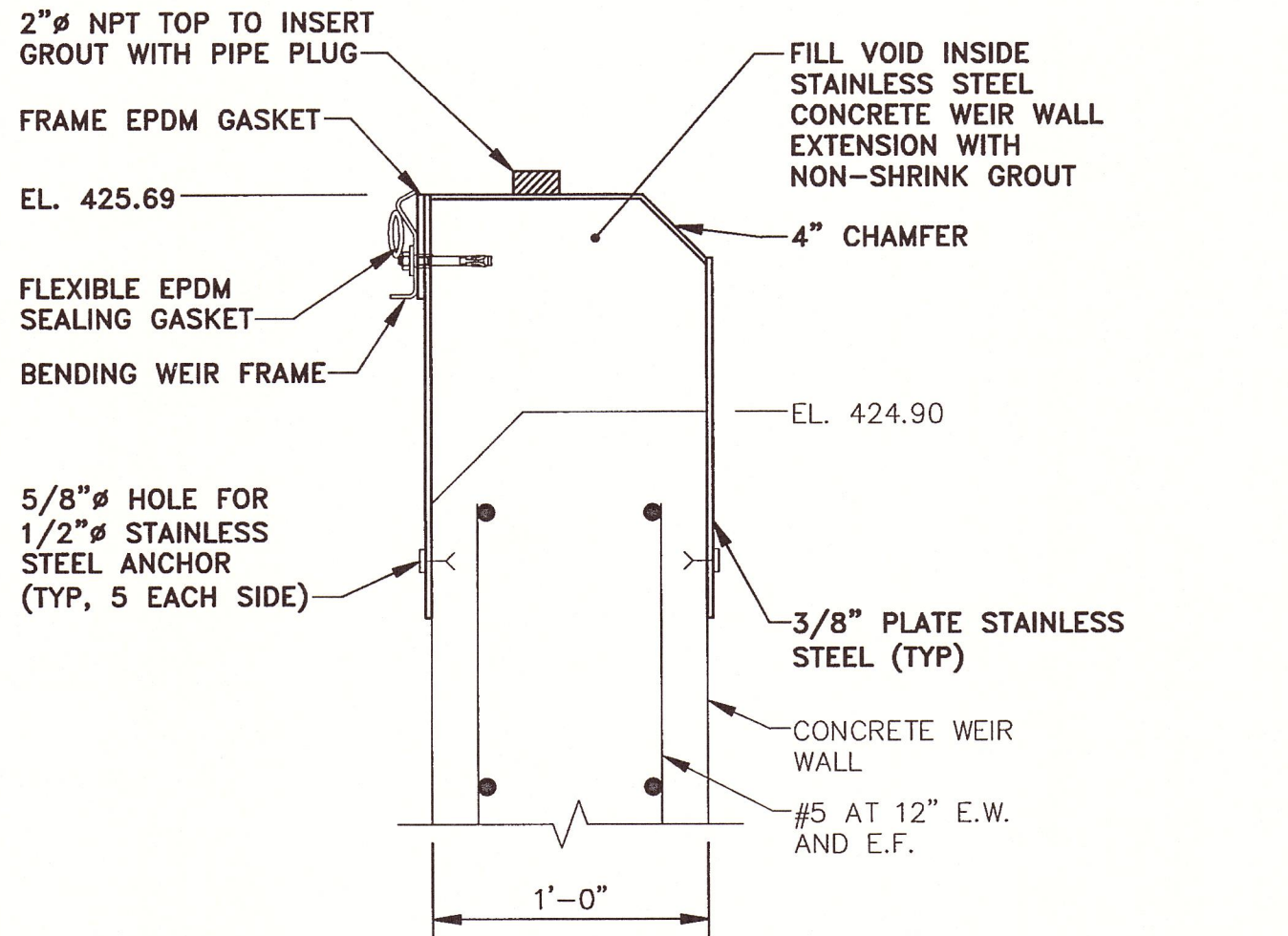
File Number 003.73
Date JUNE 2003
Blasland, Bouck & Lee, Inc.
Corporate Headquarters
6723 Towpath Road
Syracuse, NY 13214
315-446-9120

M-3

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BLASLAND, BOUCK & LEE, INC.



- GENERAL NOTES:**
- TWO PLANT SHUTDOWNS SHALL BE ALLOWED FOR INSTALLATION OF THE NEW COUNTER-WEIGHTED BENDING WEIR. ONE SHUTDOWN TO ISOLATE THE WET-WEATHER STORAGE TANK (TO REMOVE THE EXISTING FLEXIBLE BENDING WEIR, POUR CONCRETE WEIR WALL EXTENSION AND MOUNT NEW COUNTER-WEIGHTED BENDING WEIR) AND ONE SHUTDOWN TO PUT IT BACK IN SERVICE. SHUTDOWN TIME SHALL BE LIMITED TO 4 HOURS FROM THE HOURS OF 1 am TO 5 am.
 - ALL STAINLESS STEEL PRODUCTS SHALL BE TYPE 304.



X: 00373X00, X03.DWG
L: ON=*, OFF=REF*
P: PAGESSET/PLT-CDL
7/19/06 SYR-85-DJP DJP BGP
00373014/RECORD/00373M04.DWG

(RECORD DRAWING: MADE FROM DRAWING NO. M-4, TRACER NO. 00373014/00373M04.DWG, DATED 7/14/03) DATE 2/17/06 BY *Donald F. Geisser*

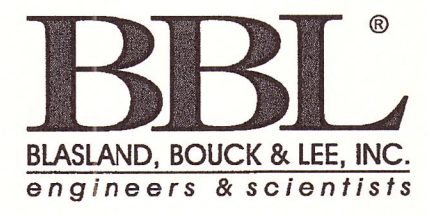
1 1/2" = 1'-0"	1"	6"	0"	1"
1/2" = 1'-0"	0"	0"	2"	4"
3/8" = 1'-0"	0"	0"	3"	6"

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No.	Date	Revisions	Init

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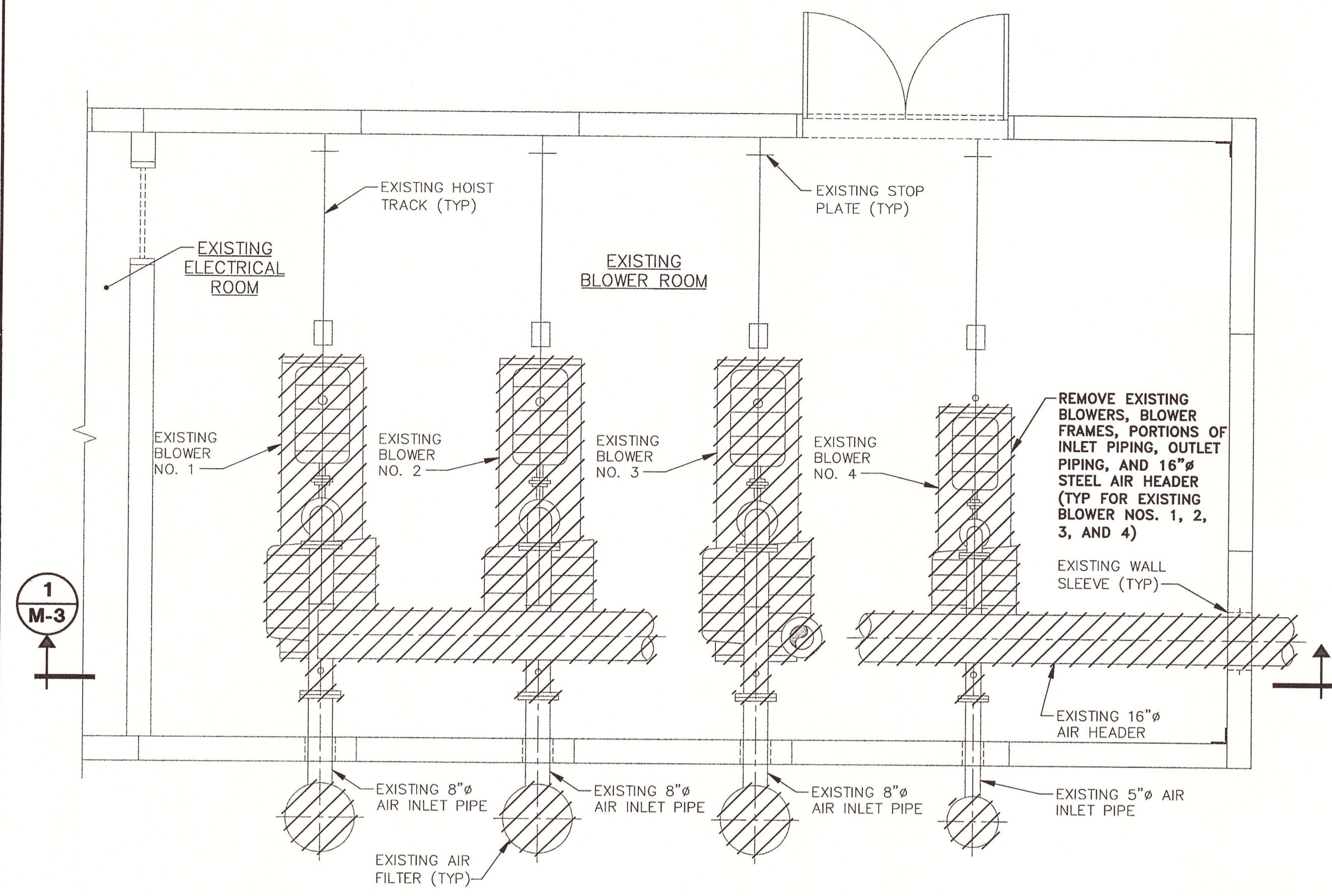
Project Mgr. MARK L. GORTHEY
Designed by SS/BSC
Drawn by DJP
Checked by JCP/MLG
Prof. Eng. Donald F. Geisser
PE License NY #57879



ONONDAGA COUNTY DEPARTMENT OF WATER ENVIRONMENT PROTECTION
MEADOWBROOK-LIMESTONE WASTEWATER TREATMENT PLANT
PHASE ONE WET-WEATHER FLOW STORAGE FACILITIES
FLOW DIVERSION STRUCTURE -
PLAN, SECTION, AND DETAILS
MECHANICAL

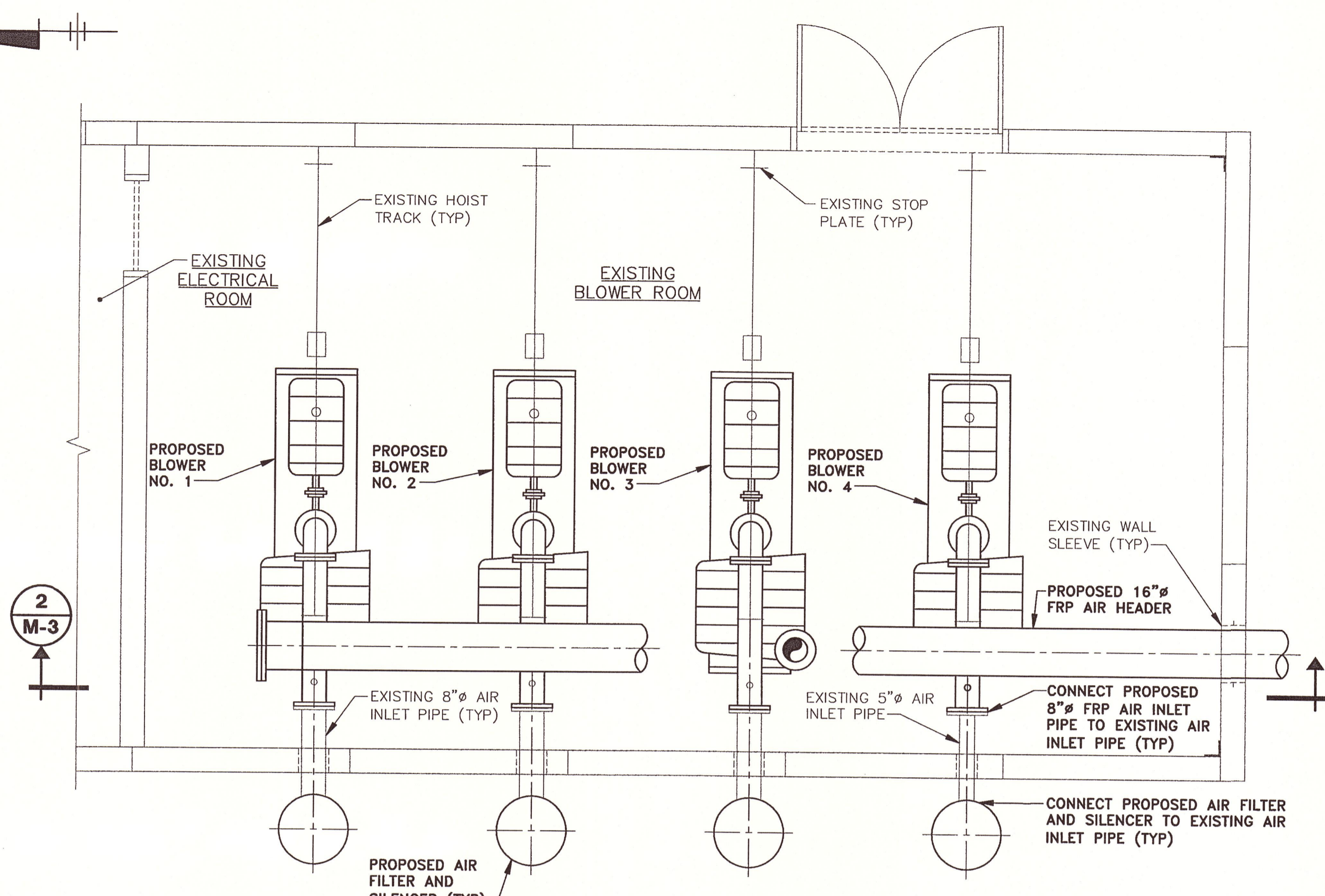
File Number
003.73
Date
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Blasland, Bouck & Lee, Inc.
Corporate Headquarters
6725 Towpath Road
Syracuse, NY 13214
315-446-9120

M-4



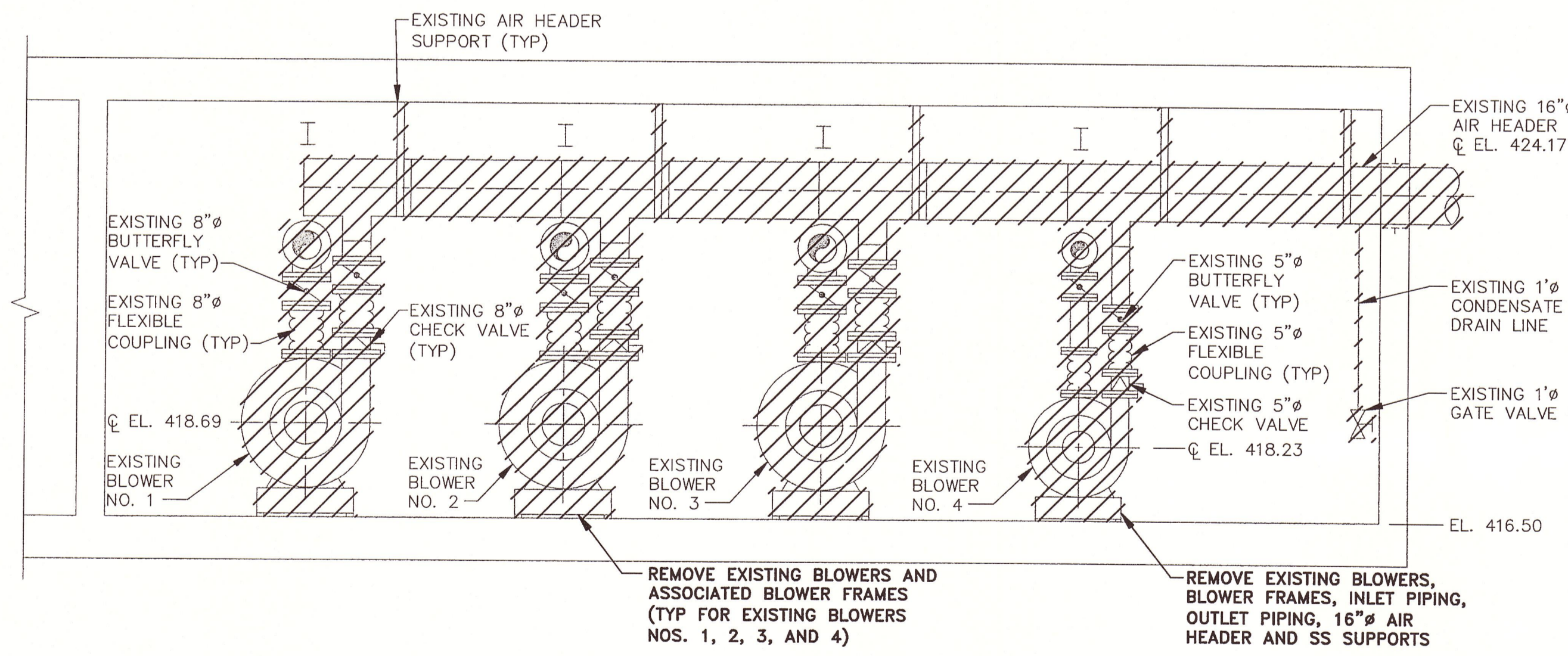
DEMOLITION PLAN

SCALE: 3/8" = 1'-0"



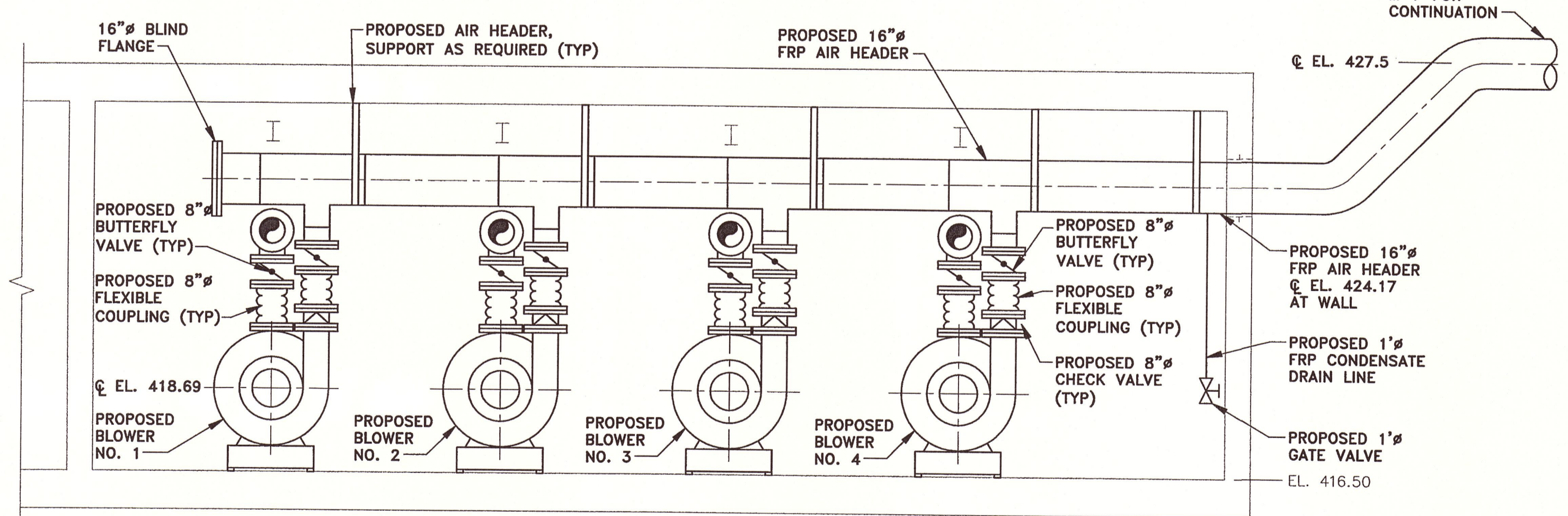
PROPOSED PLAN

SCALE: 3/8" = 1'-0"



SECTION 1

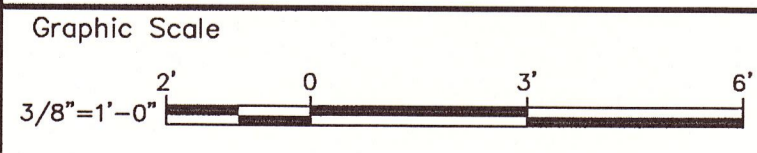
SCALE: 3/8" = 1'-0"



SECTION 2

SCALE: 3/8" = 1'-0"

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Project Mgr. MARK L. GORTHEY
Designed by SS/BSC
Drawn by DJP
Checked by JCP/MLG
Prof. Eng. Donald F. Geisser
PE License NY #57879



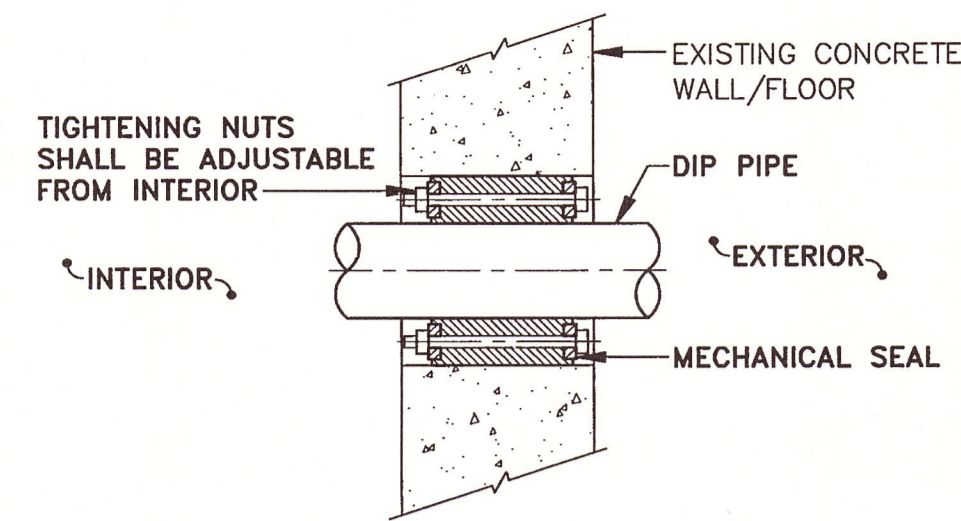
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ONONDAGA COUNTY DEPARTMENT OF WATER ENVIRONMENT PROTECTION
MEADOWBROOK-LIMESTONE WASTEWATER TREATMENT PLANT
PHASE ONE WET-WEATHER FLOW STORAGE FACILITIES
DIGESTER BLOWER BUILDING
PLANS AND SECTIONS
MECHANICAL

RECORD DRAWINGS
TO THE BEST OF OUR KNOWLEDGE,
INFORMATION AND BELIEF, THESE RECORD
DRAWINGS SUBSTANTIALLY REPRESENT
THE PROJECT AS CONSTRUCTED.
BLASLAND, BOUCK & LEE, INC.

File Number
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Date
JUNE 2003
Blasland, Bouck & Lee, Inc.
Corporate Headquarters
6723 Towpath Road
Syracuse, NY 13214
315-446-9120

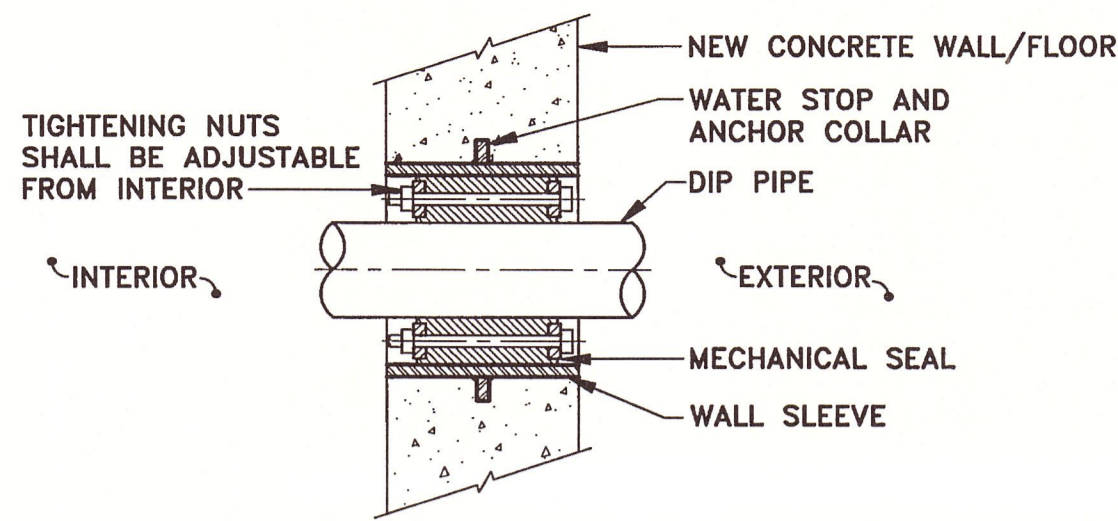
M-5



NOTE:
1. HOLE FOR PIPE PENETRATION SHALL BE CORE DRILLED.

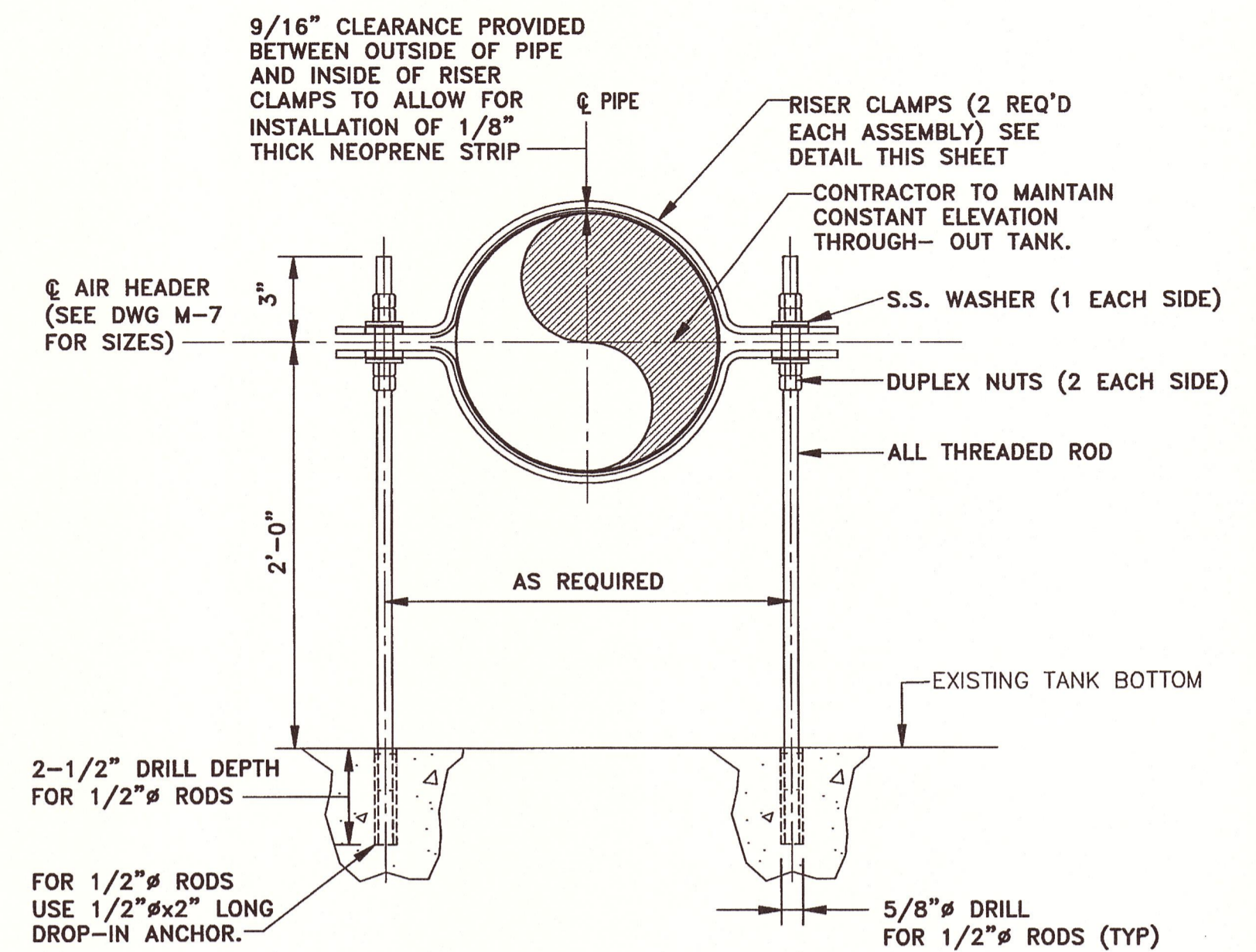
**TYPICAL EXISTING CONCRETE
WALL/FLOOR PIPE
PENETRATION DETAIL**

NOT TO SCALE



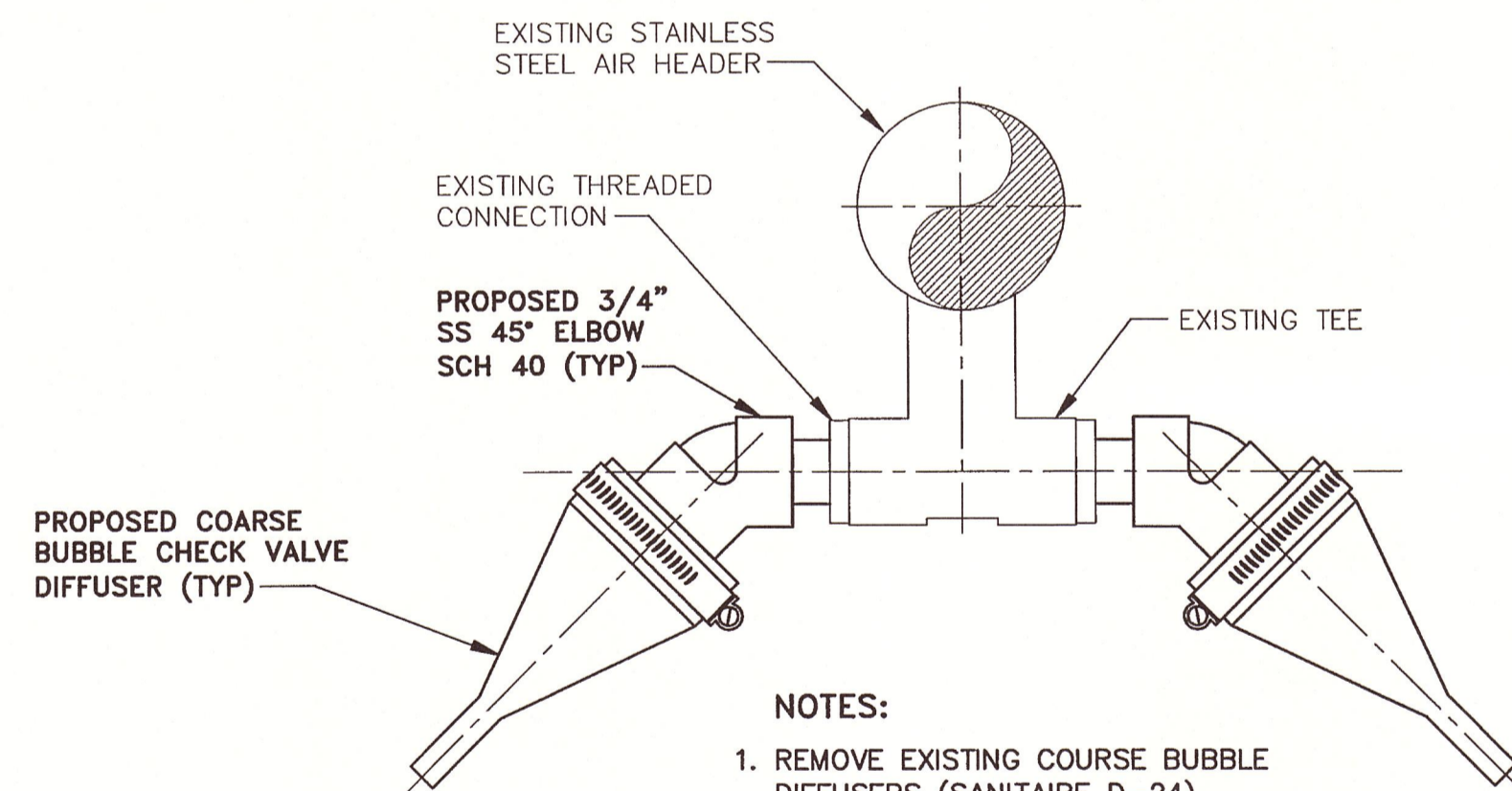
**TYPICAL NEW CONCRETE
WALL/FLOOR PIPE
PENETRATION DETAIL**

NOT TO SCALE



**PROPOSED AIR HEADER
SUPPORT DETAIL**

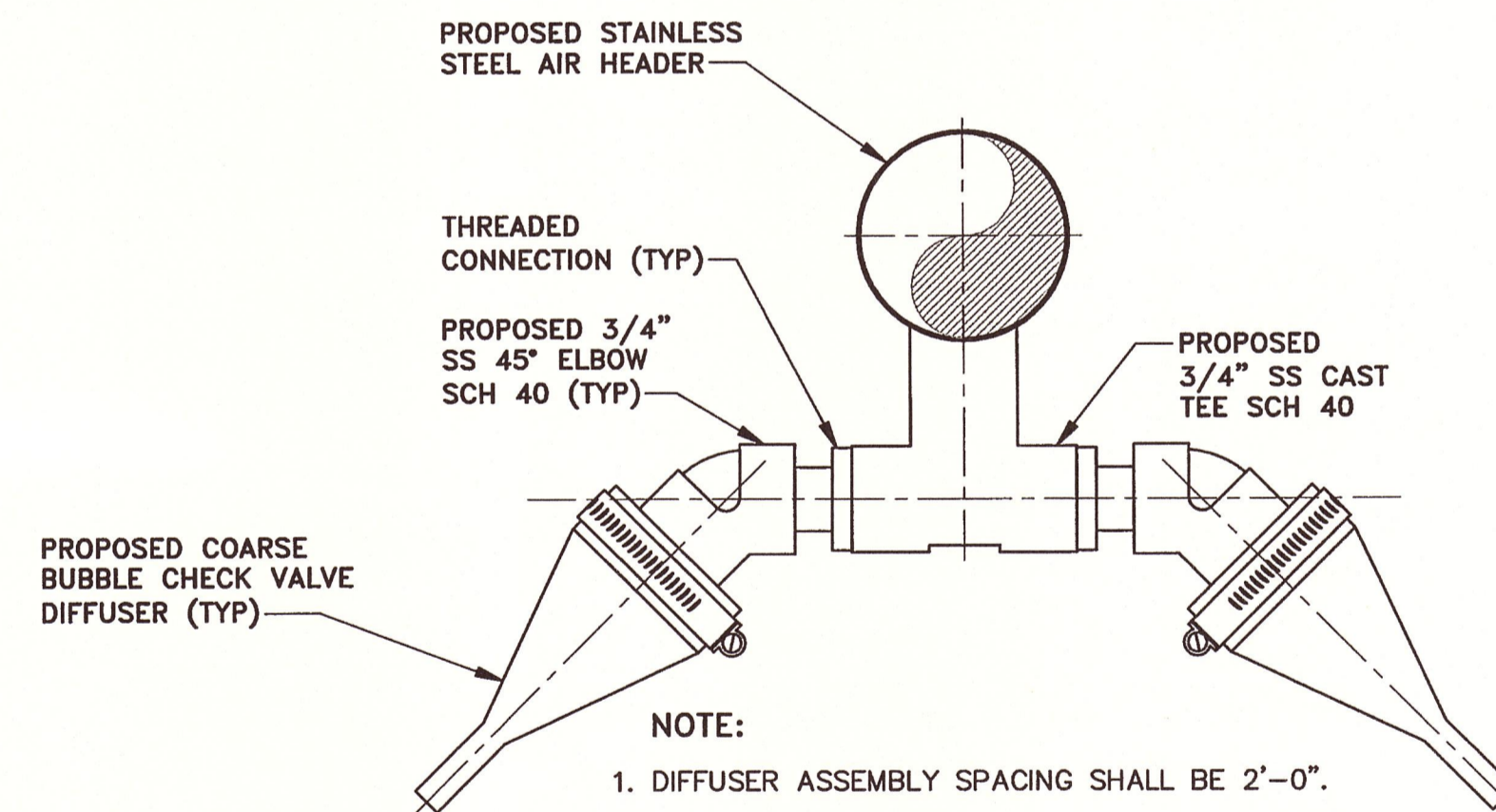
NOT TO SCALE



NOTES:
1. REMOVE EXISTING COARSE BUBBLE DIFFUSERS (SANITAIRE D-24).
2. DIFFUSER ASSEMBLY SPACING IS 2'-0".

**DIFFUSER ASSEMBLY
DETAIL (EXISTING AIR HEADER)**

NOT TO SCALE



NOTE:
1. DIFFUSER ASSEMBLY SPACING SHALL BE 2'-0".

**DIFFUSER ASSEMBLY
DETAIL (NEW AIR HEADER)**

NOT TO SCALE

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(RECORD DRAWING: MADE FROM DRAWING NO. M-6, TRACER NO. 00373014/00373M05.DWG, DATED 6/24/03)

DATE 8/17/06 BY Donald F. J.

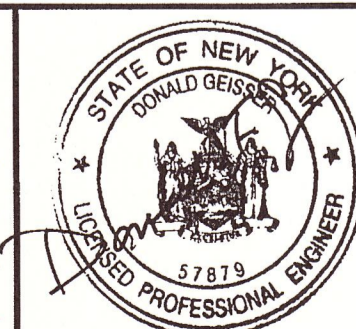
Graphic Scale

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Project Mgr. MARK L. GORTHEY
Designed by SS/BSC
Drawn by DJP
Checked by JCP/MLG
Prof. Eng. Donald F. Geisser
PE License NY #57879



BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

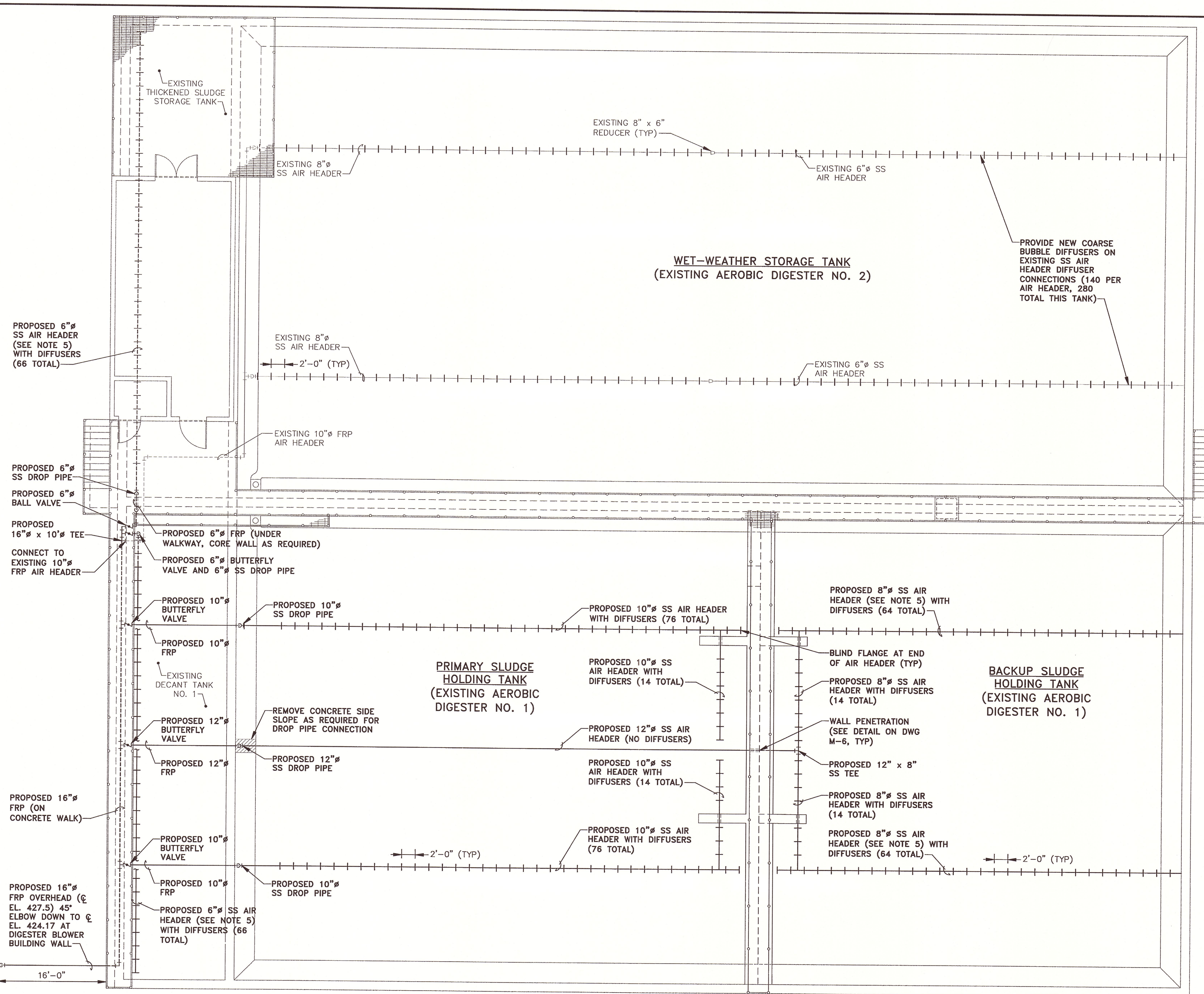
ONONDAGA COUNTY DEPARTMENT OF WATER ENVIRONMENT PROTECTION
MEADOWBROOK-LIMESTONE WASTEWATER TREATMENT PLANT
PHASE ONE WET-WEATHER FLOW STORAGE FACILITIES
MISCELLANEOUS DETAILS

MECHANICAL

RECORD DRAWINGS
TO THE BEST OF OUR KNOWLEDGE,
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BLASLAND, BOUCK & LEE, INC.

File Number
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Date
JUNE 2003
Blasland, Bouck & Lee, Inc.
Corporate Headquarters
6723 Towpath Road
Syracuse, NY 13214
315-446-9120

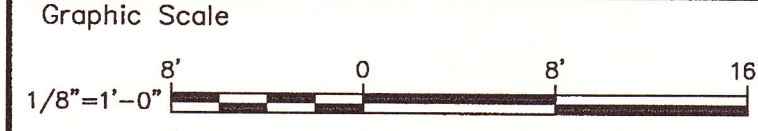
M-6



- DEMOLITION REQUIREMENTS/NOTES:**
- CONTRACT NO. 1A SHALL REMOVE THE FOLLOWING EXISTING PIPES AND SUPPORTS FROM EXISTING AEROBIC DIGESTER NO. 1, DECANT TANK NO. 1, AND THICKENED SLUDGE STORAGE TANK (PIPES NOT SHOWN FOR CLARITY):
 - 8-INCH AND 6-INCH DIAMETER SS AIR HEADERS IN AEROBIC DIGESTER NO. 1 (280 LF TOTAL)
 - 4-INCH DIAMETER SS AIR HEADERS IN DECANT TANK NO. 1 AND THICKENED SLUDGE STORAGE TANK (APPROXIMATELY 140 LF TOTAL)
 - 16-INCH DIAMETER FIBERGLASS AIR HEADER TO DIGESTER BLOWER BUILDING (APPROXIMATELY 85 LF TOTAL)
- NOTES:**
- ALL AIR HEADERS BELOW EL. 424.00 SHALL BE SS. ALL AIR HEADERS ABOVE EL. 424.00 SHALL BE FRP, UNLESS OTHERWISE SHOWN.
 - SEE AIR HEADER SUPPORT DETAIL ON DWG M-6 FOR AIR HEADERS ALONG TANK BOTTOM.
 - DIFFUSER ASSEMBLIES SHALL BE PROVIDED AT 2-FOOT INTERVALS ALONG PROPOSED AIR HEADERS WITH DIFFUSERS.
 - PROVIDE EXPANSION JOINTS ON AIR HEADERS PER MANUFACTURER'S RECOMMENDATIONS.
 - CONTRACTOR, AT HIS OPTION AND COST, MAY ALTERNATELY REVISE/REINSTALL EXISTING 8" AND 6" SS AIR HEADER REMOVED FROM AEROBIC DIGESTER NO. 1 IN LIEU OF FURNISHING NEW 8" AND 6" SS AIR HEADER PIPES.

RECORD DRAWINGS
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BLASLAND, BOUCK & LEE, INC.

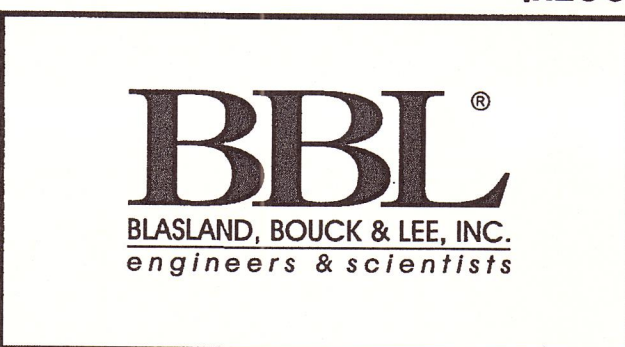
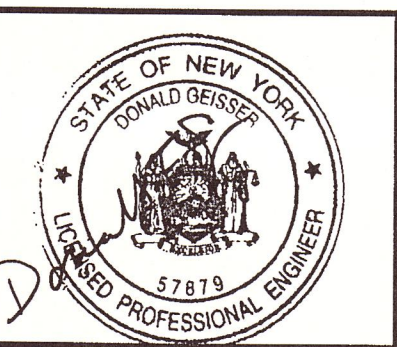
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Project Mgr. Mark L. Gorthey
Designed by MLG
Drawn by DJP
Checked by JCP/MLG
Prof. Eng. Donald F. Geisser
PE License NY #57879



(RECORD DRAWING: MADE FROM DRAWING NO. M-7, TRACER NO. 00373014/00373M07.DWG, DATED 6/24/03) DATE 8/17/06 BY Donald F. Geisser

ONONDAGA COUNTY DEPARTMENT OF WATER ENVIRONMENT PROTECTION
MEADOWBROOK-LIMESTONE WASTEWATER TREATMENT PLANT
PHASE ONE WET-WEATHER FLOW STORAGE FACILITIES

PROPOSED PLAN - DIFFUSED AIR SYSTEM

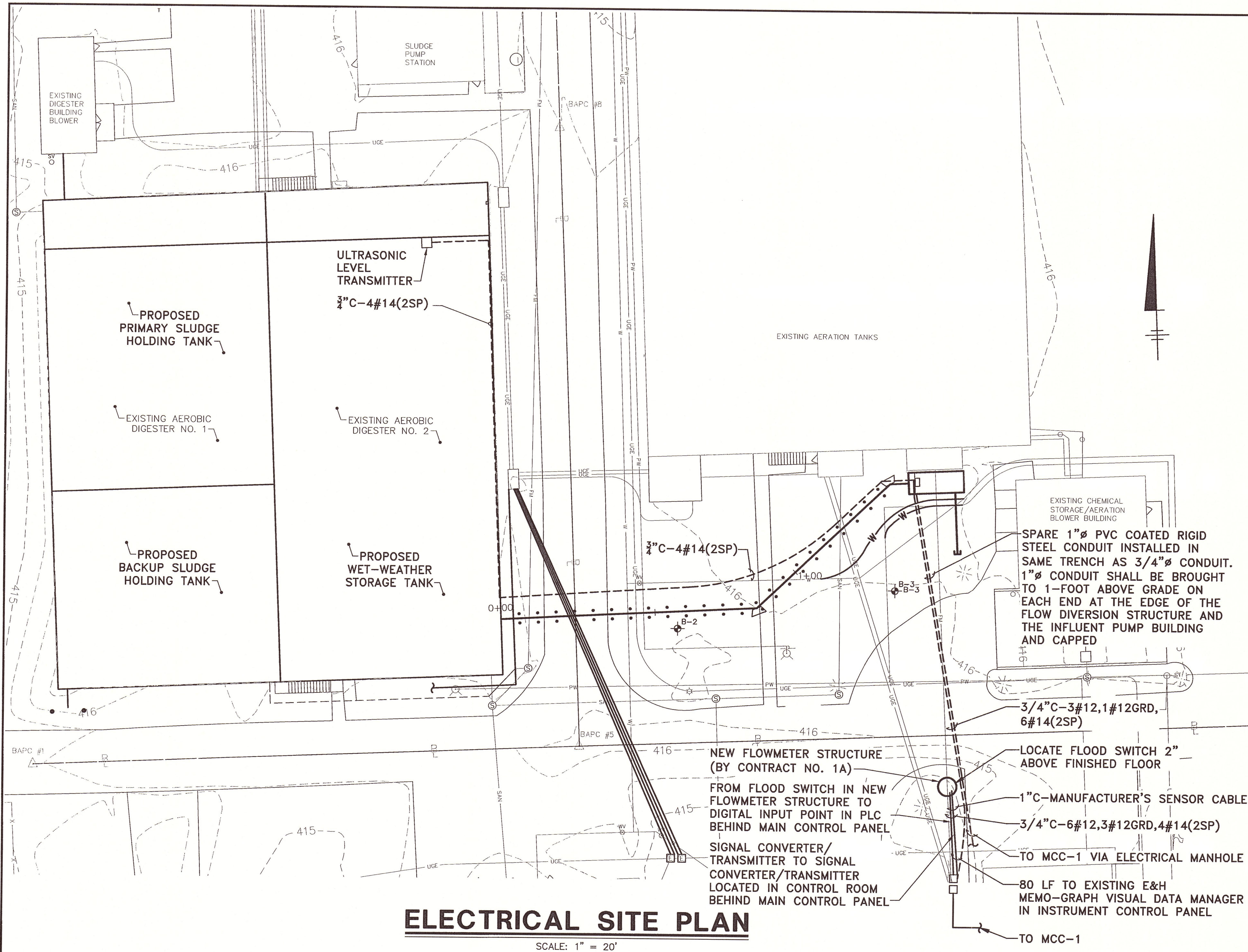
MECHANICAL

File Number
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Date
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Corporate Headquarters
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315-446-9120

M-7



SYMBOL LIST

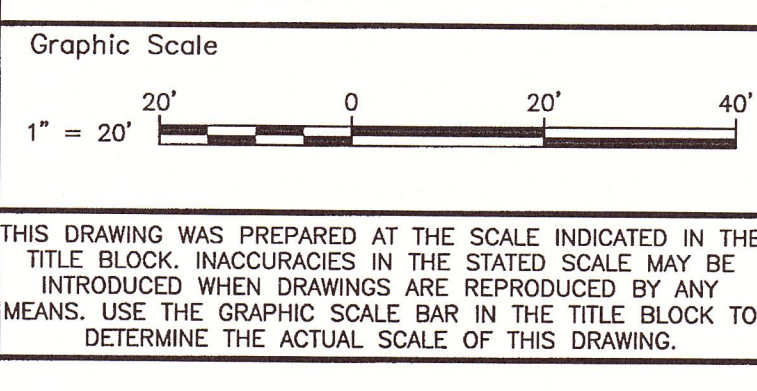
- UNDERGROUND CONDUIT
- GROUND CABLE
- CONDUIT RUN EXPOSED
- SEAL TIGHT FLEXIBLE CONDUIT
- CONTROL POWER TRANSFORMER WIRED FOR 480/120 VOLTS
- NORMALLY CLOSED LIMIT SWITCH HELD OPEN
- NORMALLY OPEN LIMIT SWITCH HELD CLOSED
- NORMALLY CLOSED TORQUE SWITCH
- FIELD WIRING TERMINAL
- REVERSING STARTER - ELECTRICALLY AND MECHANICALLY INTERLOCKED
- GROUND CONNECTION
- UNFUSED SWITCH
- FUSE
- CIRCUIT BREAKER
- POWER TRANSFORMER
- 3 PHASE DELTA
- THERMOSTAT
- SELECTOR SWITCH
- JUNCTION BOX
- DUPLEX RECEPTACLE # = CIRCUIT #
- SINGLE RECEPTACLE # = CIRCUIT #
- GROUND FAULT RECEPTACLE
- WEATHERPROOF RECEPTACLE
- DISCONNECT
- MOTOR (NUMBER IN CIRCLE INDICATES HORSE POWER)
- ELECTRICAL UNIT HEATER
- OVERLOAD RELAY
- MANUAL STARTER OR MANUAL SWITCH
- LIGHT SWITCH - # = CIRCUIT #
- 2 POLE LIGHT SWITCH
- MAGNETIC FLOW METER
- PUMP
- SLUICE GATE AND OPERATOR
- ULTRASONIC LEVEL TRANSDUCER
- PANEL MOUNTED INSTRUMENT
- LOCAL INSTRUMENT
- PLC
- LOCAL DEVICE OPEN OR CLOSE
- INTERLOCK
- ELECTRICAL OR ELECTRONIC SIGNAL

ABBREVIATION LIST

- CB CIRCUIT BREAKER
- CPT CONTROL POWER TRANSFORMER
- CT'S CURRENT TRANSFORMER
- GRD GROUNDING CONDUCTOR
- MCC MOTOR CONTROL CENTER
- RGS RIGID HOT DIPPED GALVANIZED STEEL
- PVC POLYVINYL CHLORIDE
- SP SPARE WIRE OR CONDUIT
- WP WEATHERPROOF ARRANGEMENT
- CR1 CONTROL RELAY NO. 1, OR AS NOTED
- WEF1 WALL EXHAUST FAN NO. 1, OR AS NOTED
- SP SPARE
- TW5H TWISTED SHIELDED ABOVE FINISHED FLOOR
- AFF GATE OPEN INDICATION LIMIT SWITCH
- GOLS GATE CLOSED INDICATION LIMIT SWITCH
- OLS OPEN LIMIT SWITCH - IN STARTER LOGIC
- CLS CLOSE LIMIT SWITCH - IN STARTER LOGIC
- OTS OPEN TORQUE SWITCH
- CTS CLOSE TORQUE SWITCH
- FVNR FULL VOLTAGE NON-REVERSING
- FVR FULL VOLTAGE REVERSING
- JBX JUNCTION BOX
- FE FLOW ELEMENT
- FIT FLOW INDICATING TRANSMITTER
- FIRO FLOW INDICATING RECORDER TOTALIZER
- GYO SLUICE GATE RELAY (CONTACTOR) OPEN
- GYC SLUICE GATE RELAY (CONTACTOR) CLOSE
- LG LEVEL (SLUICE) GATE
- ZSO POSITION SWITCH OPEN
- ZSC POSITION SWITCH CLOSE
- ZLO POSITION LIGHT OPEN
- ZLC POSITION LIGHT CLOSE
- HS HAND SWITCH
- LE LEVEL ELEMENT
- LF LINEAR FEET
- LIT LEVEL INDICATING TRANSMITTER
- LYH LEVEL RELAY HIGH
- LI LEVEL INDICATOR
- UIRQ MULTI-FUNCTIONAL INDICATING RECORDING TOTALIZER

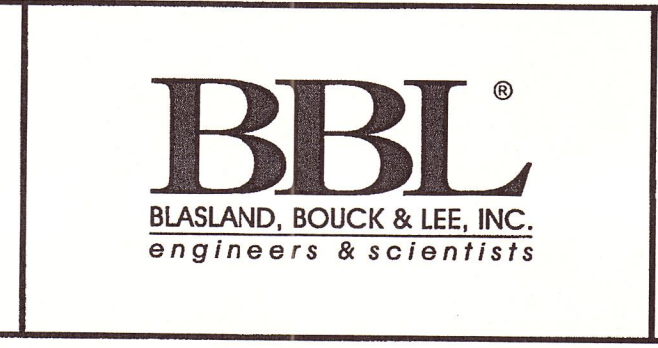
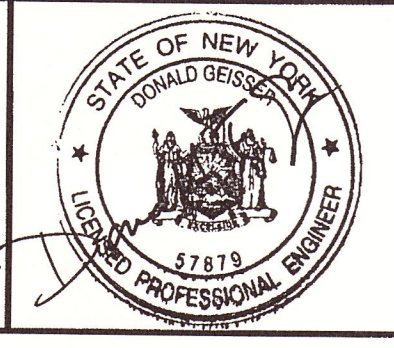
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(RECORD DRAWING: MADE FROM DRAWING NO. E-1, TRACER NO. 00373014/ELEC/00373E01.DWG, DATED 6/25/03)



No.	Date	Revisions	Init

Project Mgr. MARK L. GORTHEY
Designed by MEC
Drawn by MEC
Checked by MEC
Prof. Eng. Donald F. Geisser
PE License NY #57879



ONONDAGA COUNTY DEPARTMENT OF WATER ENVIRONMENT PROTECTION
MEADOWBROOK-LIMESTONE WASTEWATER TREATMENT PLANT
PHASE ONE WET-WEATHER FLOW STORAGE FACILITIES

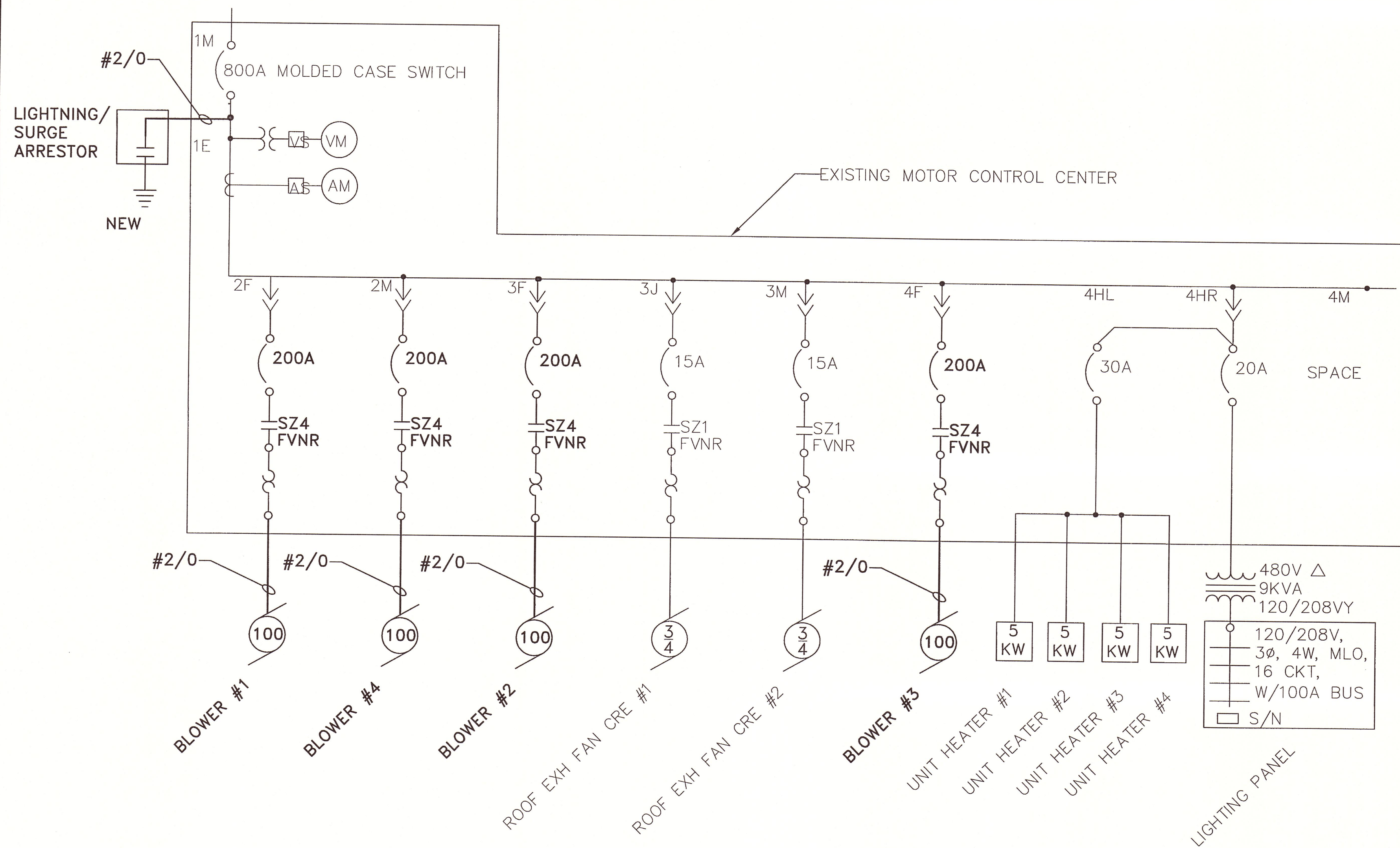
**ELECTRICAL SITE PLAN,
SYMBOLS AND ABBREVIATIONS**

ELECTRICAL

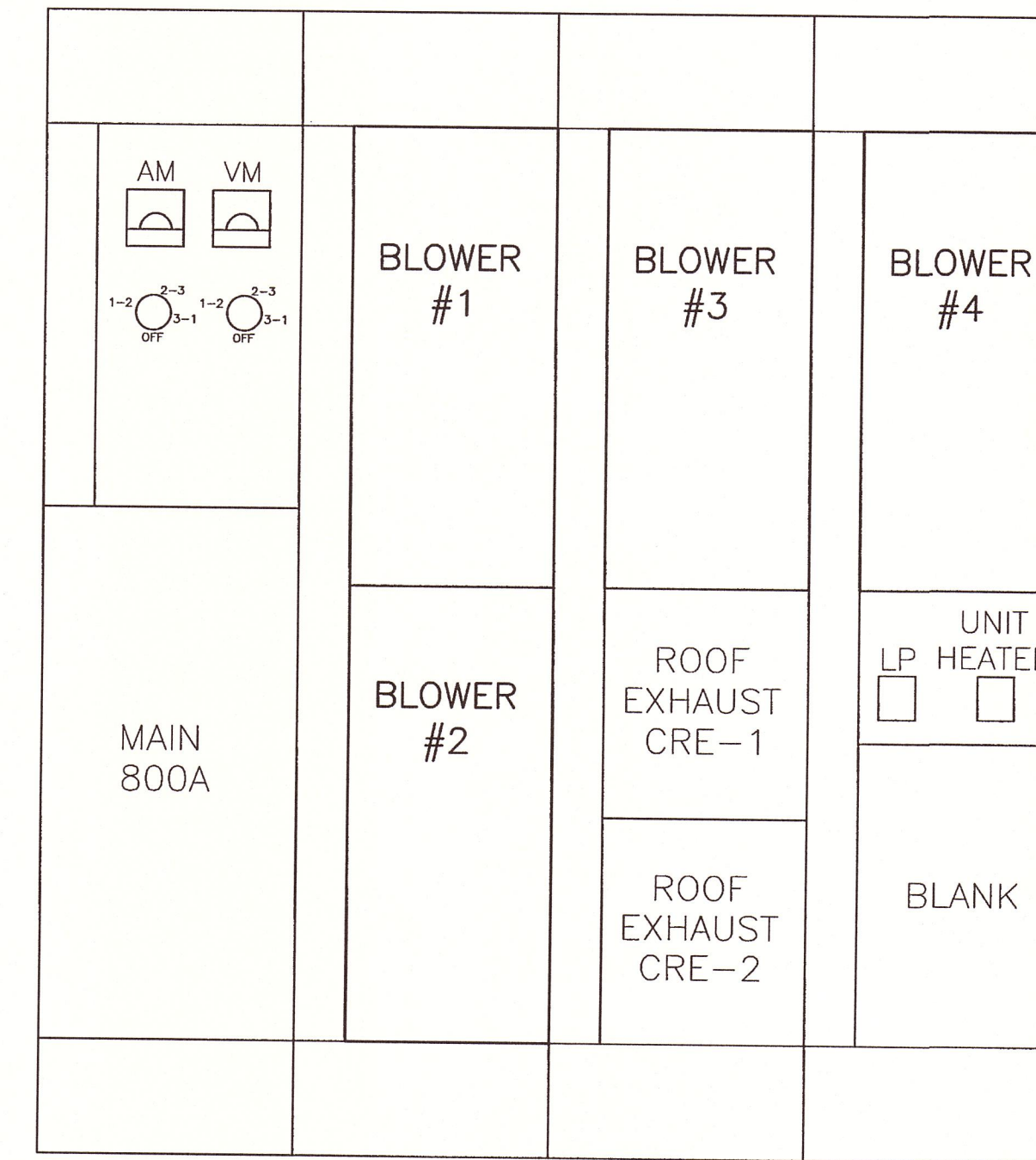
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BLASLAND, BOUCK & LEE, INC.

DATE 8/17/06 BY *David F.P.*

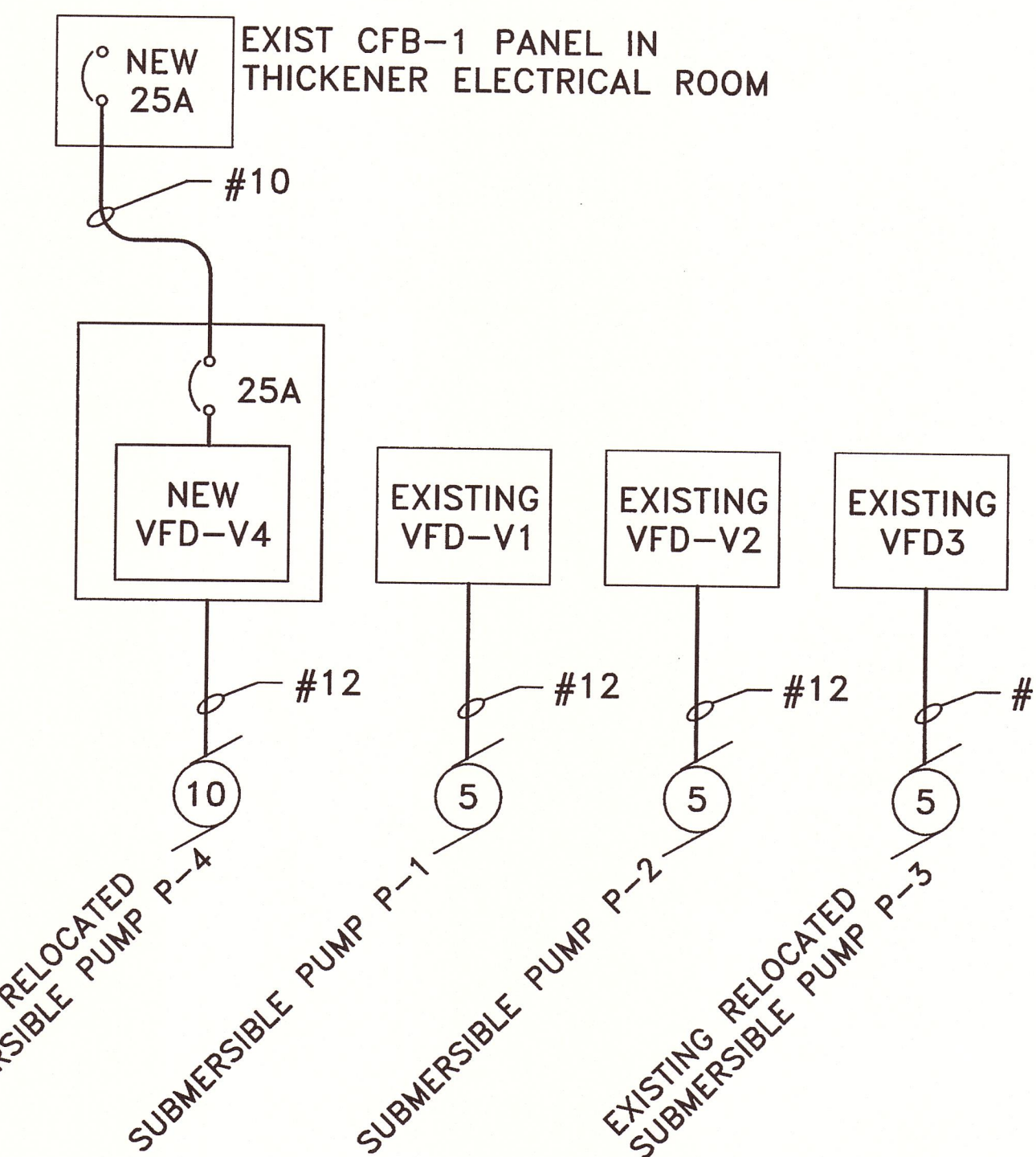
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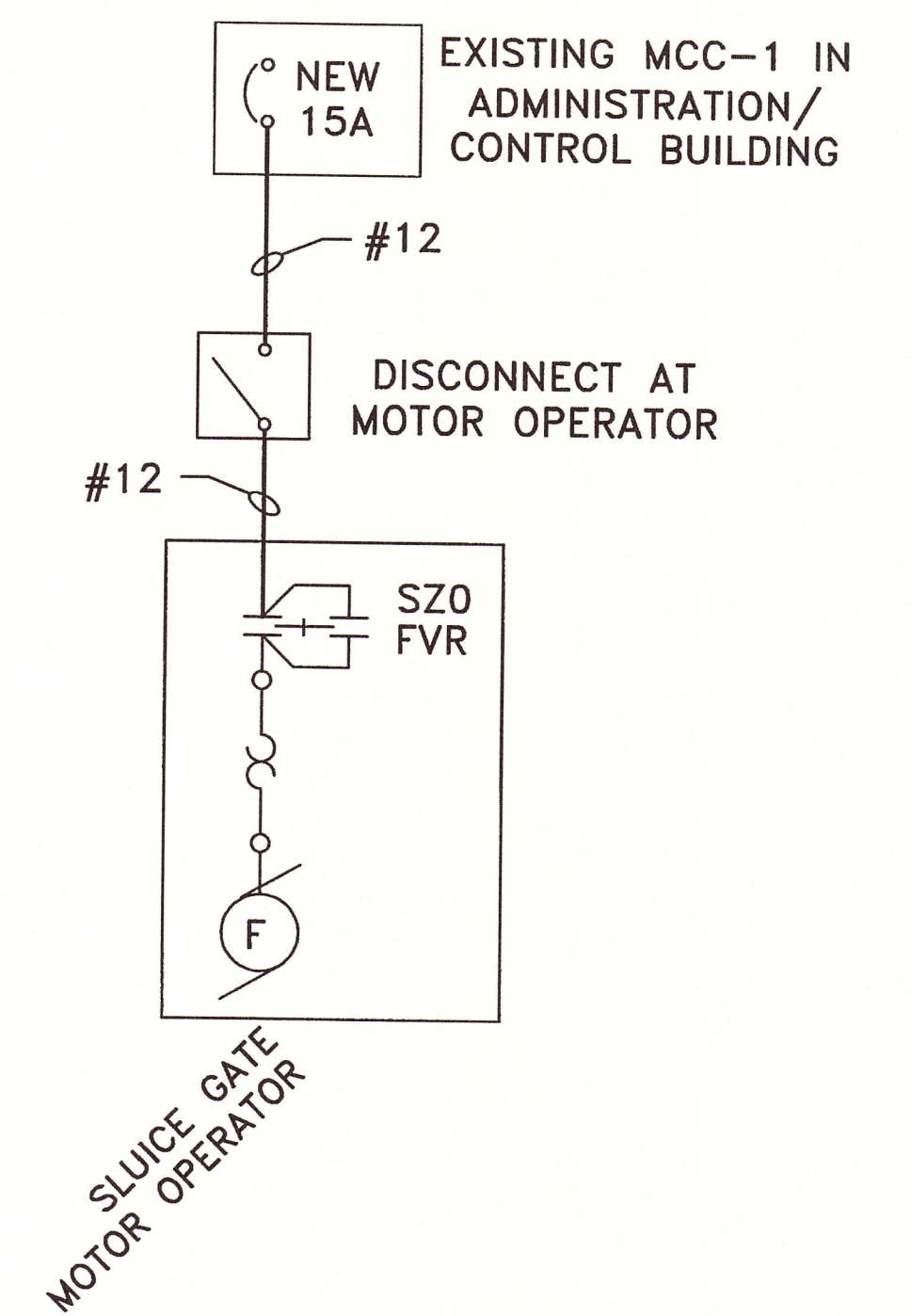
DIGESTER BLOWER BUILDING ONE-LINE DIAGRAM



DIGESTER BLOWER BUILDING MCC LAYOUT



**THICKENER BUILDING
PARTIAL ONE-LINE DIAGRAM**



**SLUICE GATE OPERATOR
AT FLOW DIVERSION STRUCTURE
ONE-LINE DIAGRAM**

RECORD DRAWINGS
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BLASLAND, BOUCK & LEE, INC.

DATE 8/17/06 BY Donald F. Geisser

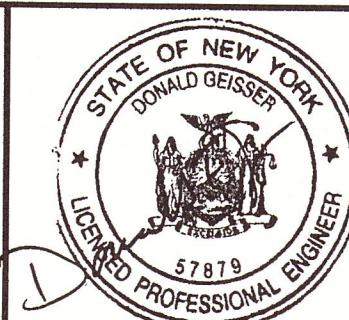
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Graphic Scale
NOT TO SCALE

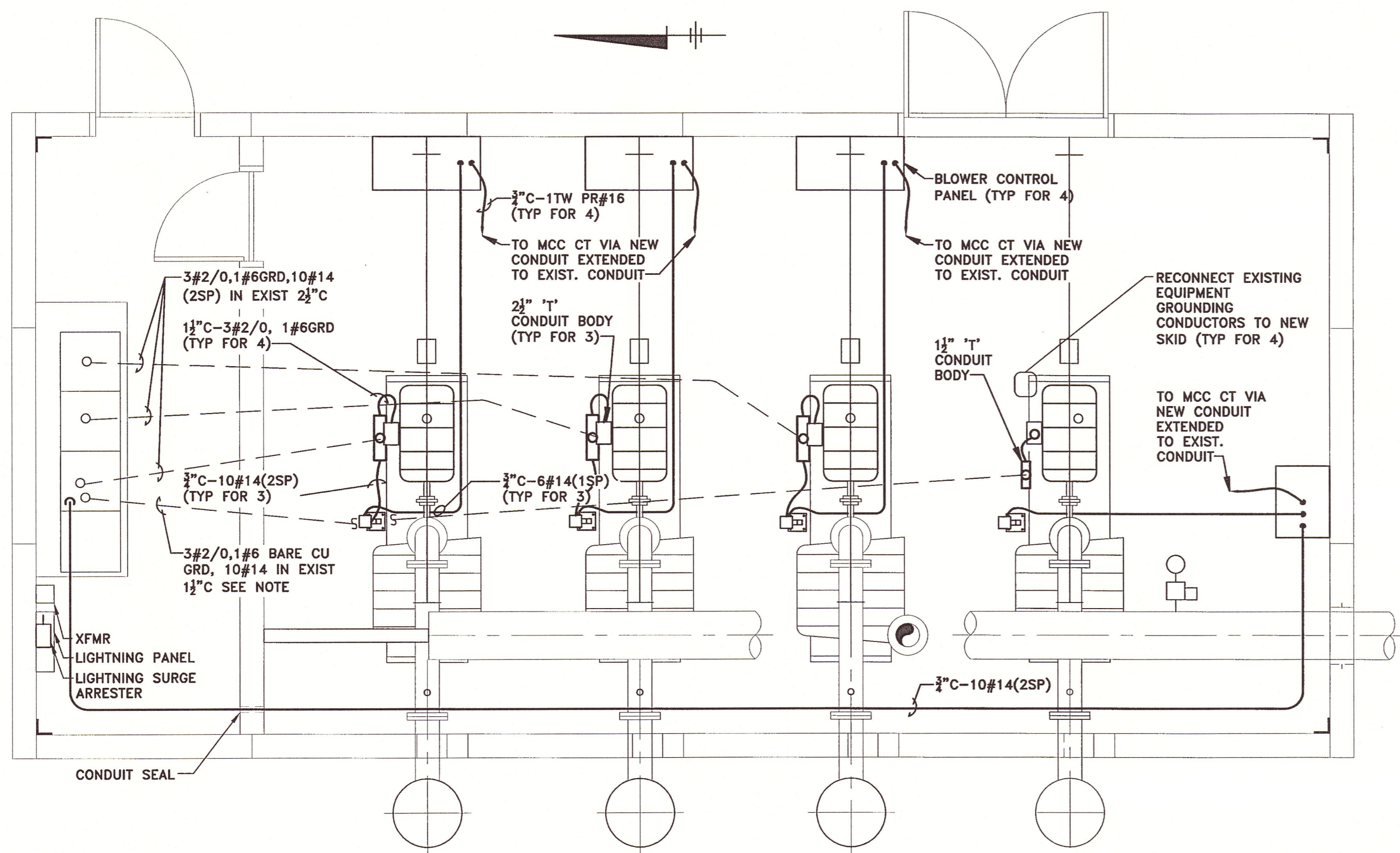
No.	Date	Revisions	Init

Project Mgr. MARK L. GORTHEY
Designed by MEC
Drawn by MEC
Checked by MEC
Prof. Eng. Donald F. Geisser
PE License NY #57879



ONONDAGA COUNTY DEPARTMENT OF WATER ENVIRONMENT PROTECTION
MEADOWBROOK-LIMESTONE WASTEWATER TREATMENT PLANT
PHASE ONE WET-WEATHER FLOW STORAGE FACILITIES
ONE-LINE DIAGRAMS AND
DIGESTER BLOWER BUILDING MCC LAYOUT
ELECTRICAL

File Number 003.73
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Corporate Headquarters
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Syracuse, NY 13214
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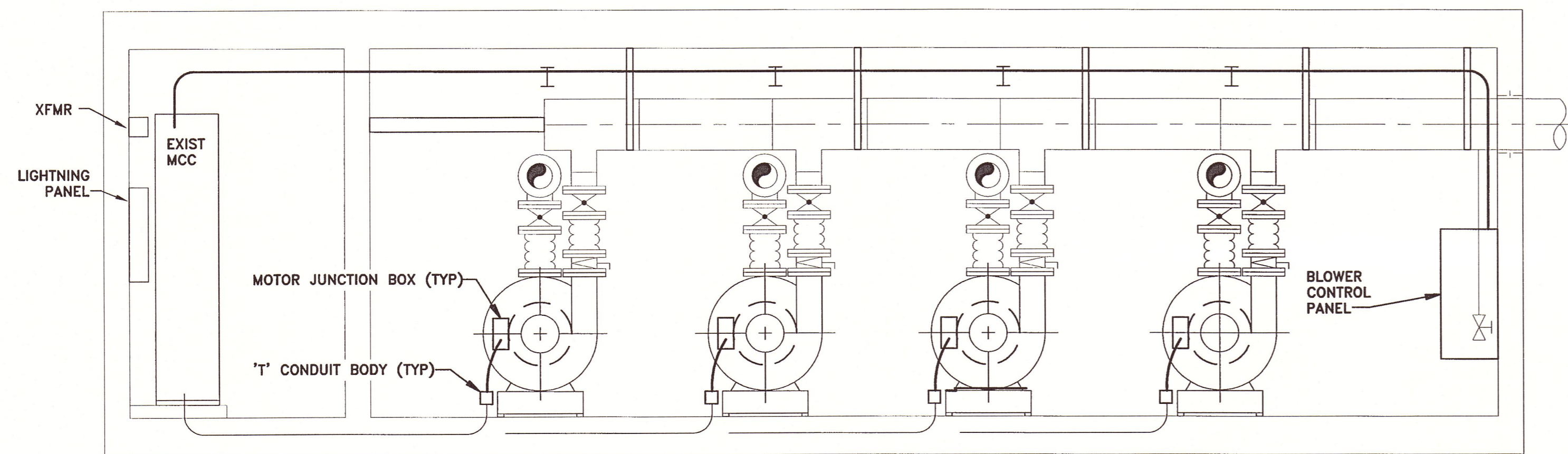


NOTE:

IN THE EXISTING 1 1/2" C, IN ORDER TO MEET % FILL REQUIREMENTS, THE GROUND CONDUCTOR MUST BE #6 BARE COPPER. THE OTHER #6 GROUND CONDUCTORS MAY BE BARE OR INSULATED.

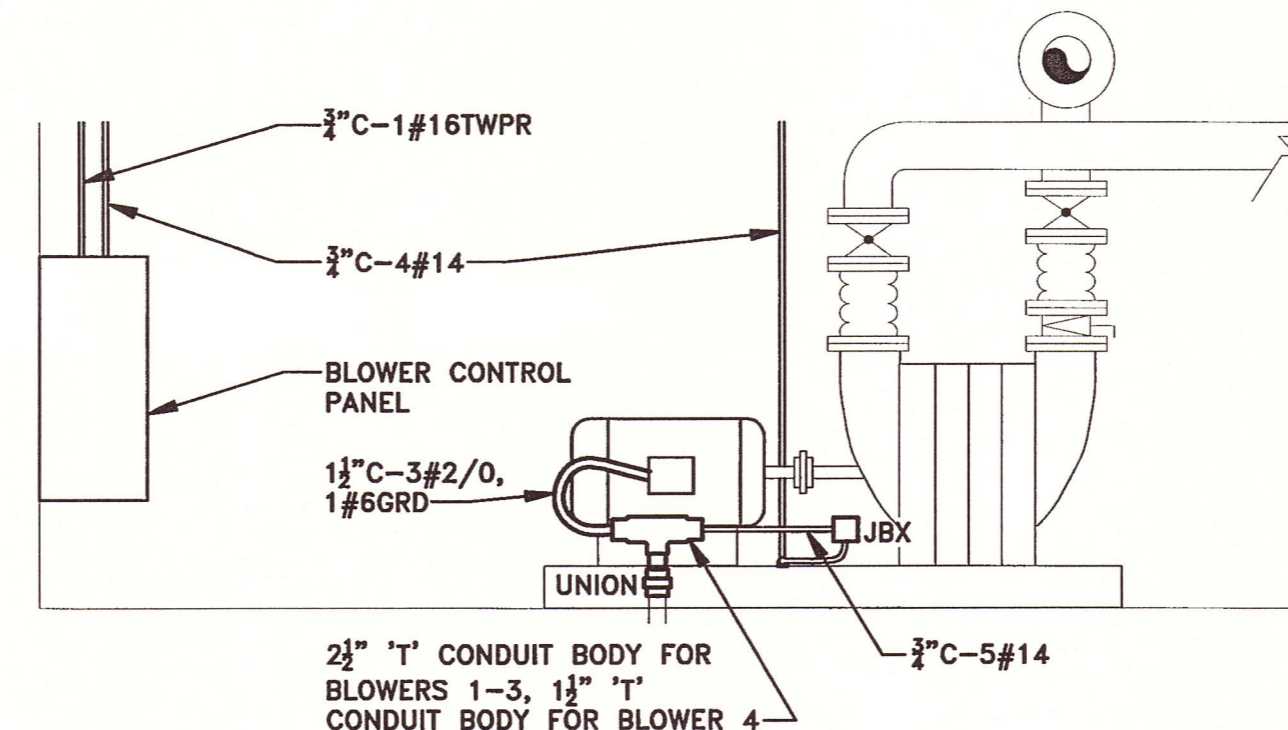
DIGESTER BLOWER BUILDING PLAN

SCALE: 3/8" = 1'-0"



DIGESTER BLOWER BUILDING. ELEVATION

SCALE: 3/8" = 1'-0"

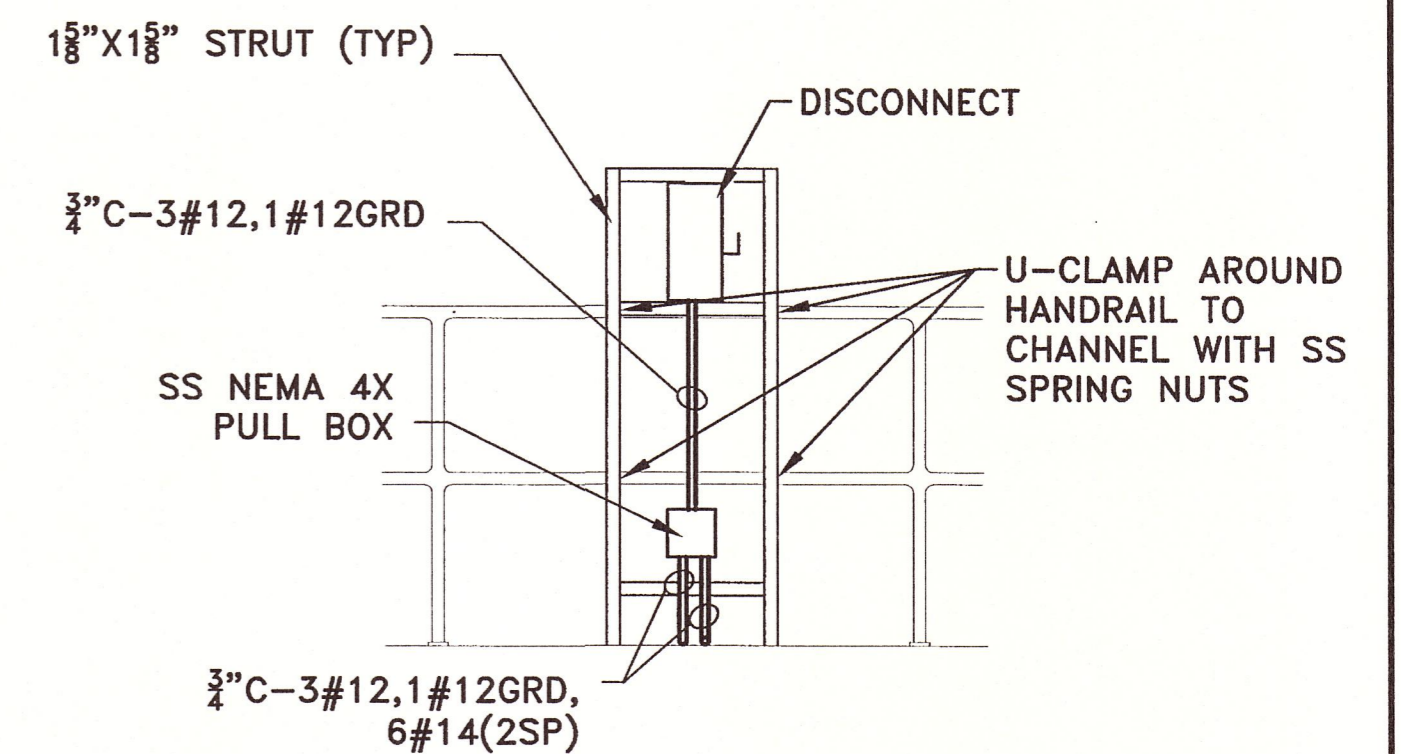


NOTE:

- 1. CONNECT THE SENSORS FOR VIBRATION AND TEMPERATURE TO THE BLOWER CONTROL PANEL IN APPROPRIATE RACEWAY.

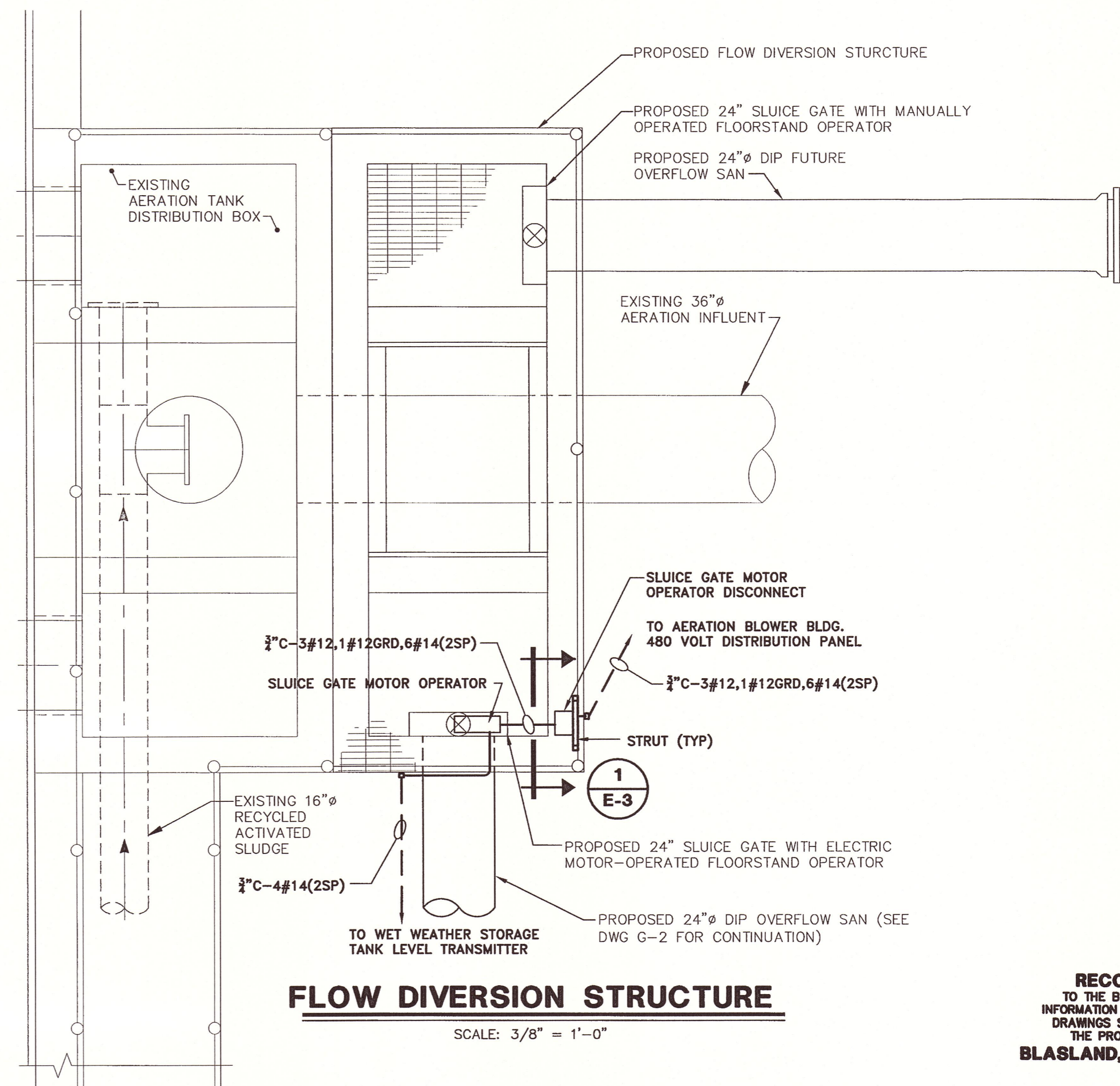
NORTH FACE OF BLOWER ELEVATION

SCALE: 3/8" = 1'-0"



SECTION 1
E-3

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

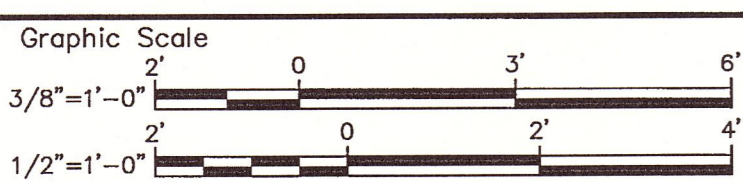


FLOW DIVERSION STRUCTURE

SCALE: 3/8" = 1'-0"

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BLASLAND, BOUCK & LEE, INC.

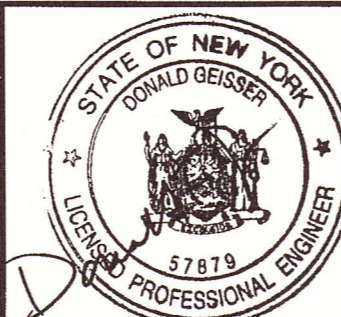
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No.	Date	Revisions	Init
1	7/14/03	GENERAL REVISIONS	

Project Mgr. MARK L. GORTHEY
Designed by MEC
Drawn by MEC
Checked by MEC
Prof. Eng. Donald F. Geisser
PE License NY #57879



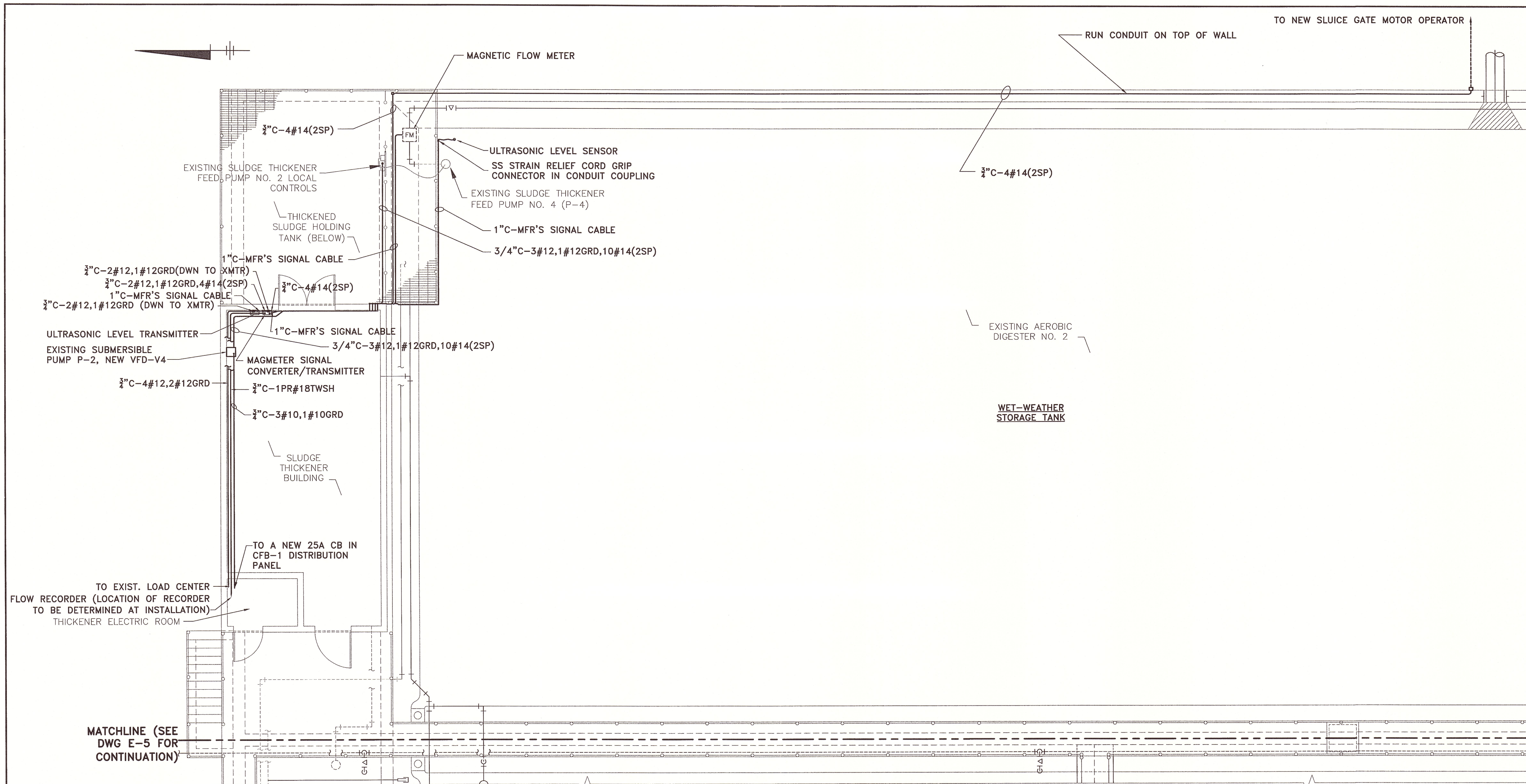
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ONONDAGA COUNTY DEPARTMENT OF WATER ENVIRONMENT PROTECTION
MEADOWBROOK-LIMESTONE WASTEWATER TREATMENT PLANT
PHASE ONE WET-WEATHER FLOW STORAGE FACILITIES
DIGESTER BLOWER BUILDING AND FLOW DIVERSION STRUCTURE PLANS, SECTION AND ELEVATIONS
ELECTRICAL

File Number 003.73
Date JUNE 2003
Blasland, Bouck & Lee, Inc.
Corporate Headquarters
6723 Towpath Road
Syracuse, NY 13214
315-446-9120

E-3

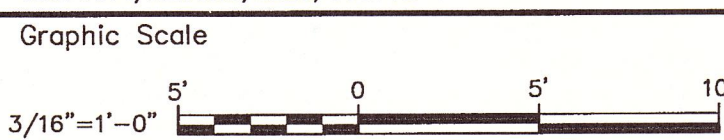
(RECORD DRAWING: MADE FROM DRAWING NO. E-3, TRACER NO. 00373014/ELEC/00373E03.DWG, DATED 7/14/03) DATE 6/17/06 BY Donald F. Geisser



▲ **PLAN**
SCALE: 3/16" = 1'-0"

RECORD DRAWINGS
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INFORMATION AND BELIEF, THESE RECORD
DRAWINGS SUBSTANTIALLY REPRESENT
THE PROJECT AS CONSTRUCTED.
BLASLAND, BOUCK & LEE, INC.

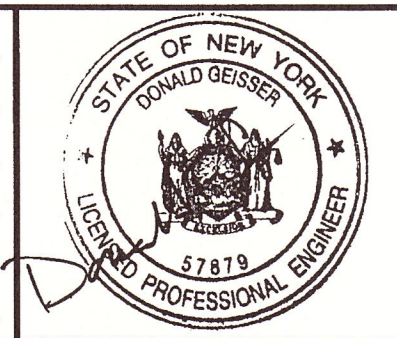
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P: PAGESET/PLT-ODL
3/29/06 PISC-14-MEC SYR-B5-DJP
00373014/RECORD/ELEC/00373E04.DWG



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No.	Date	Revisions	Init
7/14/03		GENERAL REVISIONS	DFg

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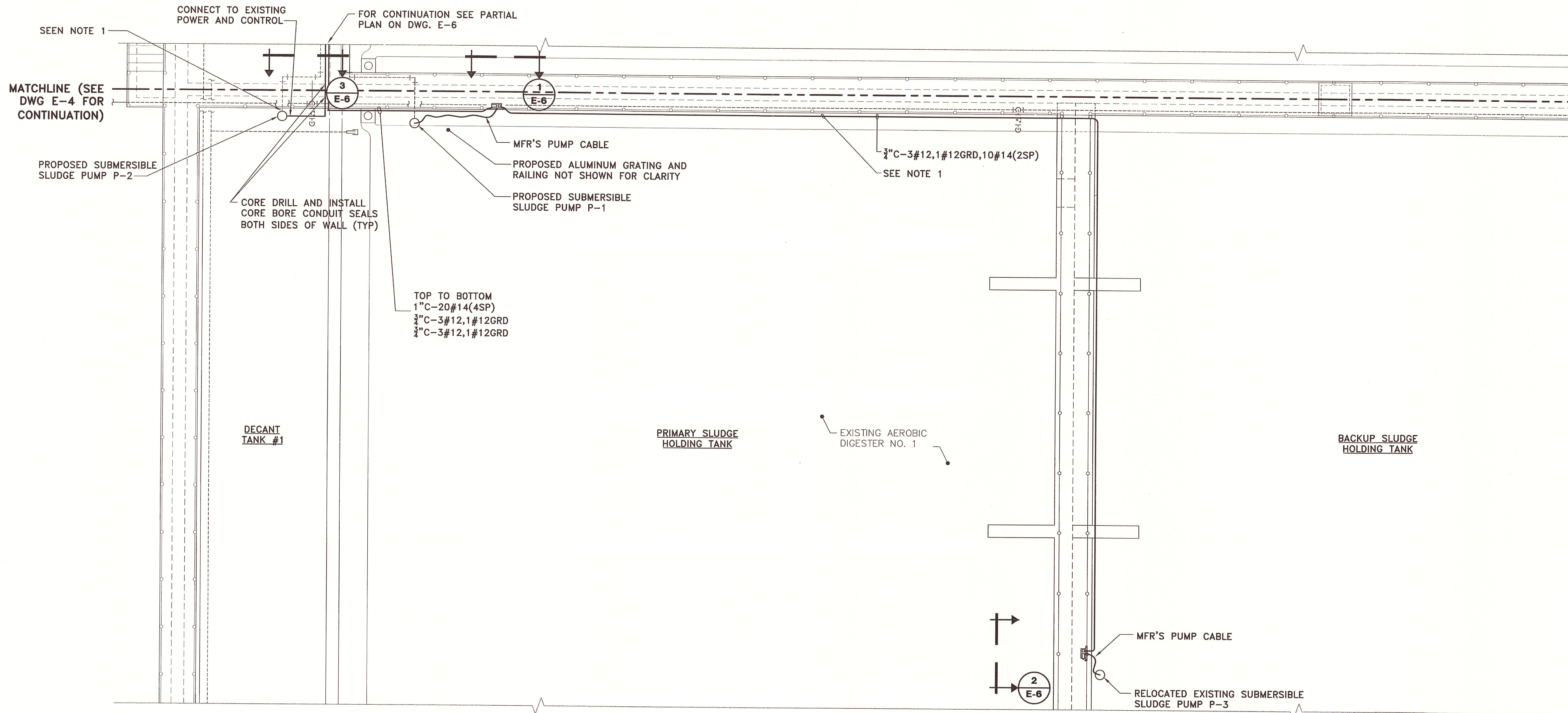
ONONDAGA COUNTY DEPARTMENT OF WATER ENVIRONMENT PROTECTION
MEADOWBROOK-LIMESTONE WASTEWATER TREATMENT PLANT
PHASE ONE WET-WEATHER FLOW STORAGE FACILITIES
WET-WEATHER STORAGE
TANK PLAN
ELECTRICAL

File Number 003.73
Date JUNE 2003
Blasland, Bouck & Lee, Inc.
Corporate Headquarters
6723 Towpath Road
Syracuse, NY 13214
315-446-9120

E-4

(RECORD DRAWING: MADE FROM DRAWING NO. E-4, TRACER NO. 00373014/ELEC/00373E04.DWG, DATED 7/14/03)

DATE 8/17/06 BY Donald F. Geisser



PLAN

SCALE: 3/16" = 1'-0"

NOTE:

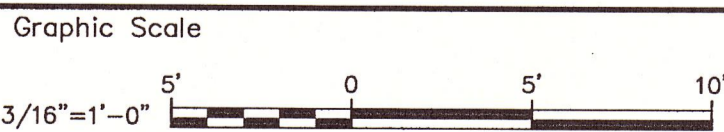
1. REMOVE ALL WIRING TO VFD-V3 FROM EXISTING PUMP AND CONTROLS, EXTEND CONDUIT FROM ABOVE THE EXISTING EXP. SEAL TO NEW LOCATION OF PUMP P-1. INSTALL NEW CONDUIT FROM EXISTING EXP. SEAL.

RECORD DRAWINGS
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THE PROJECT AS CONSTRUCTED.
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X: 00373X00.DWG
L: ON=*, OFF=REF*
P: PAGESET/PLT-CDL
3/29/08 PISC-14-MEC SYR-85-DJP
00373014/RECORD/ELEC/00373E05.DWG

(RECORD DRAWING: MADE FROM DRAWING NO. E-5, TRACER NO. 00373014/ELEC/00373E05.DWG, DATED 6/26/03)

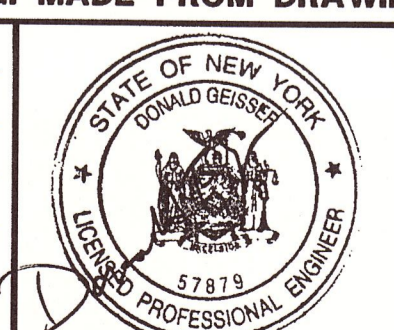
DATE 8/17/06 BY Donald F. Geisser



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No.	Date	Revisions	Init

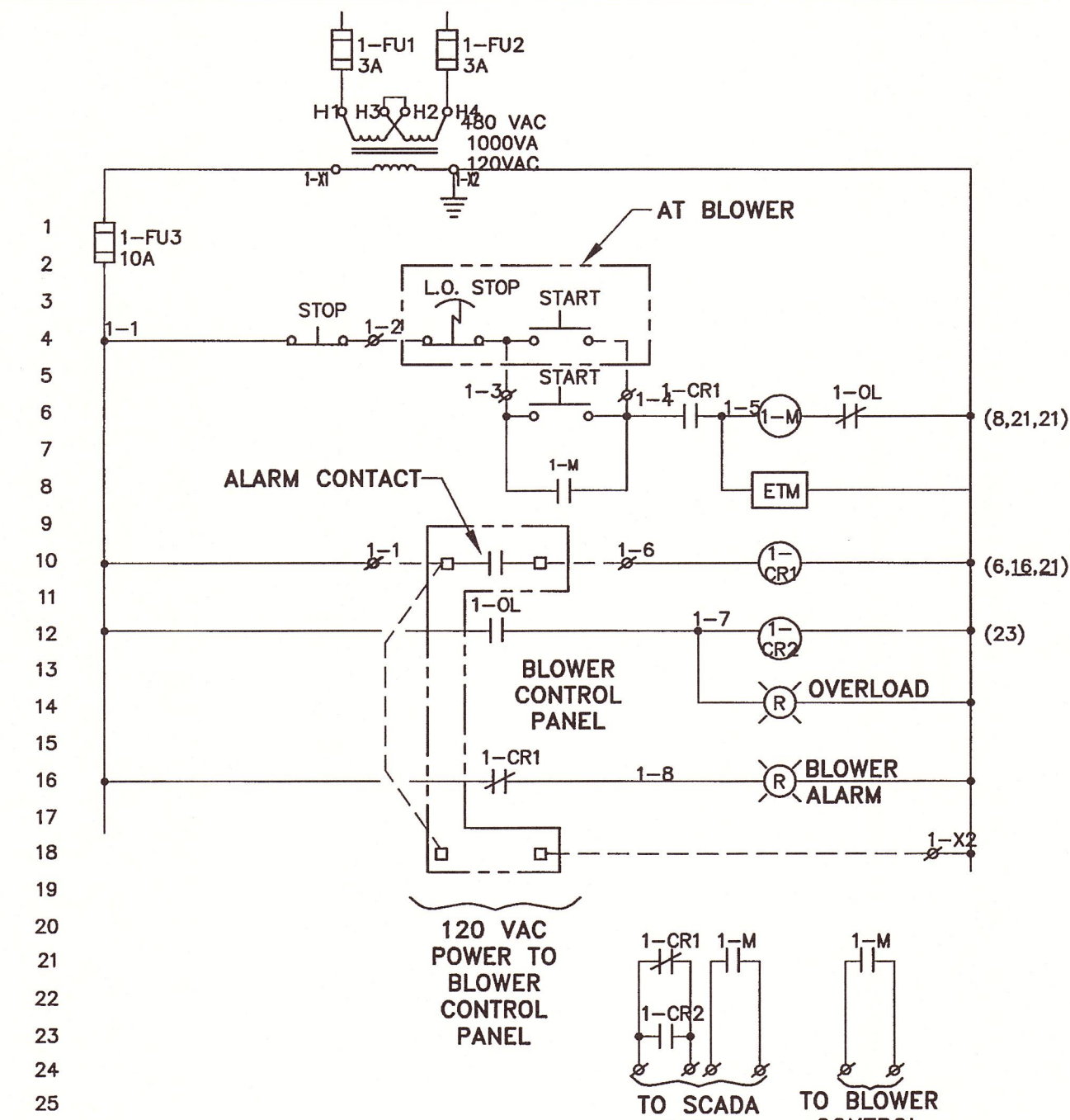
Project Mgr. MARK L. GORTHEY
Designed by MEC
Drawn by MEC
Checked by MEC
Prof. Eng. Donald F. Geisser
PE License NY #57879



ONONDAGA COUNTY DEPARTMENT OF WATER ENVIRONMENT PROTECTION
MEADOWBROOK-LIMESTONE WASTEWATER TREATMENT PLANT
PHASE ONE WET-WEATHER FLOW STORAGE FACILITIES
PRIMARY AND BACKUP SLUDGE HOLDING TANK PLAN
ELECTRICAL

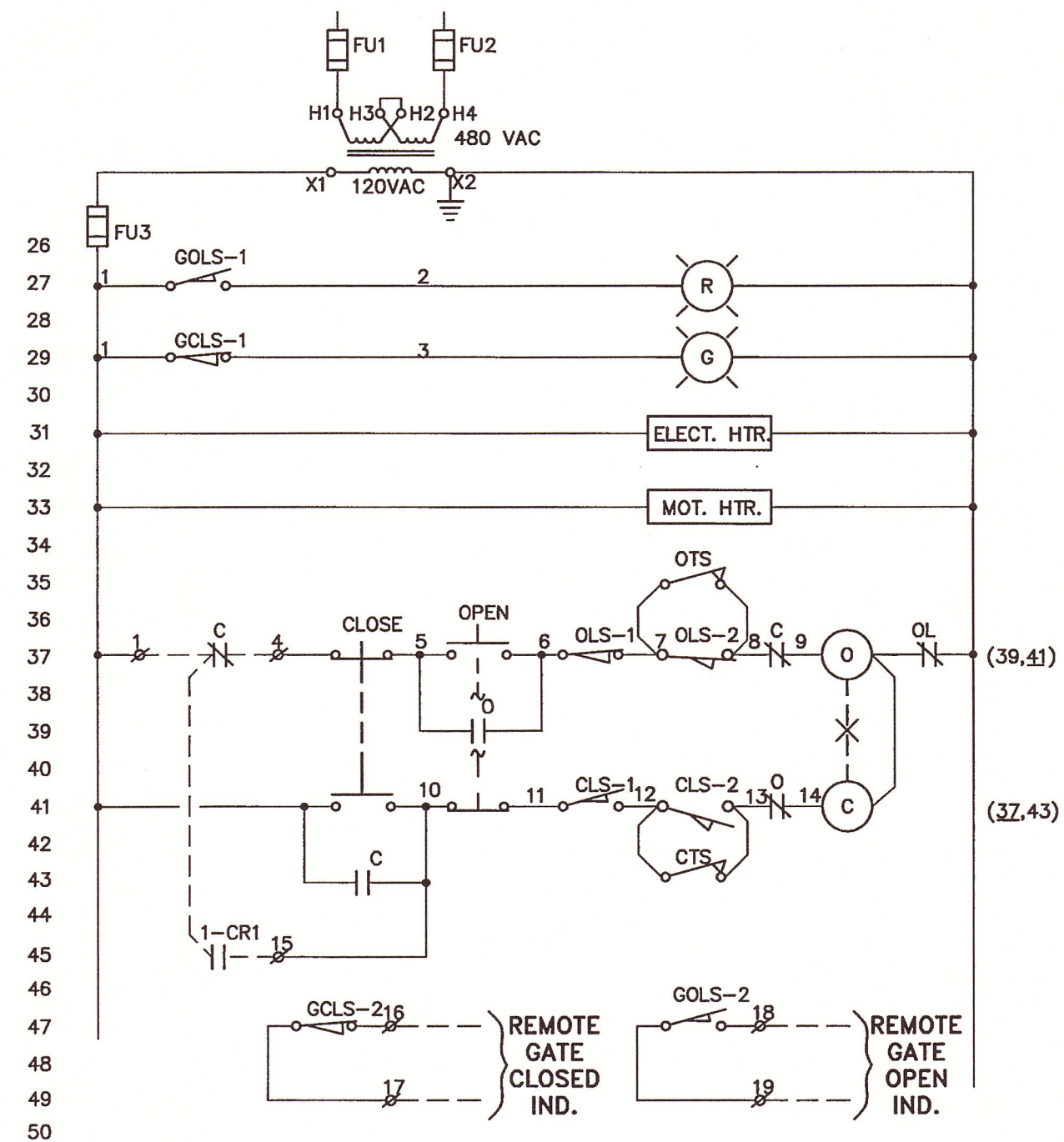
File Number 003.73
Date JUNE 2003
Blasland, Bouck & Lee, Inc.
Corporate Headquarters
6723 Towpath Road
Syracuse, NY 13214
315-446-9120

E-5



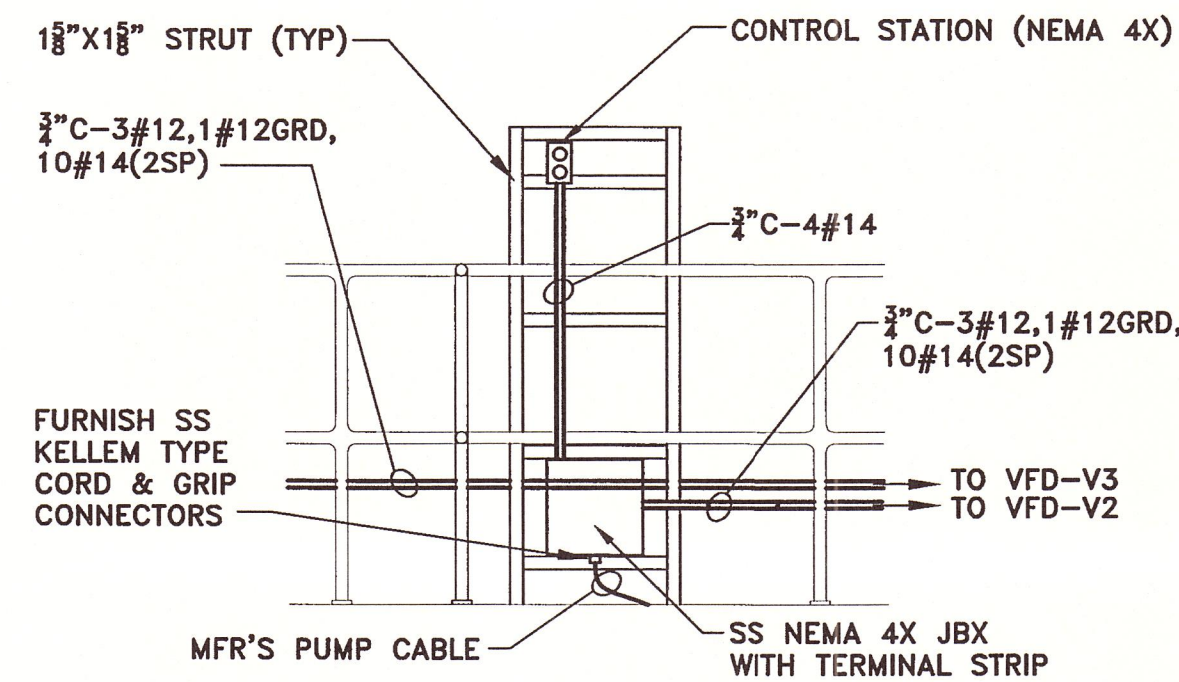
BLOWER WIRING DIAGRAM

NOT TO SCALE
 (TYPICAL FOR 4 BLOWERS, BLOWER #1 SHOWN, BLOWERS #2, #3 & #4 SHALL HAVE 1, 2, & 3 PREFIX NUMBERS RESPECTIVELY)



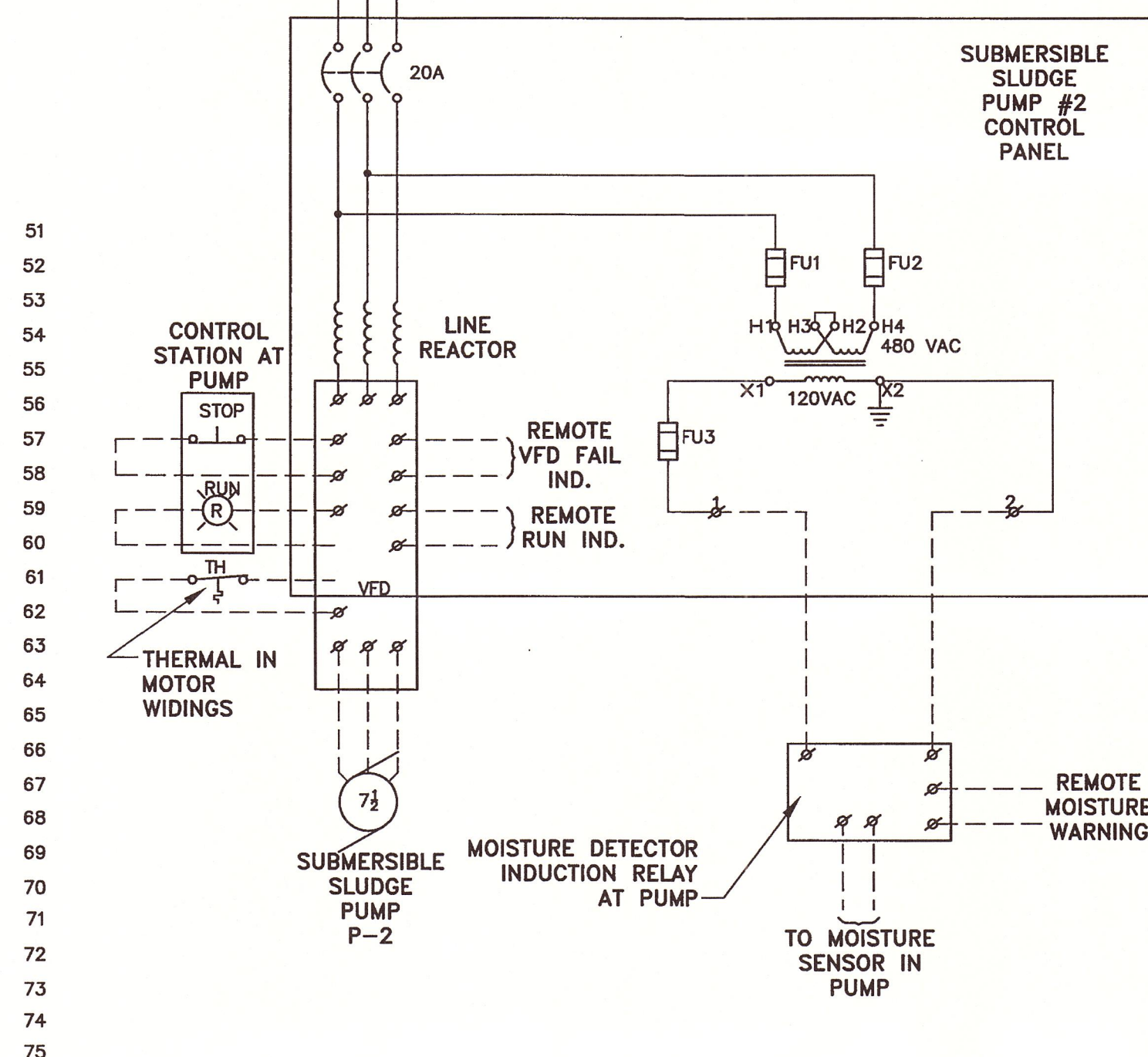
SLUICE GATE OPERATOR WIRING DIAGRAM

NOT TO SCALE



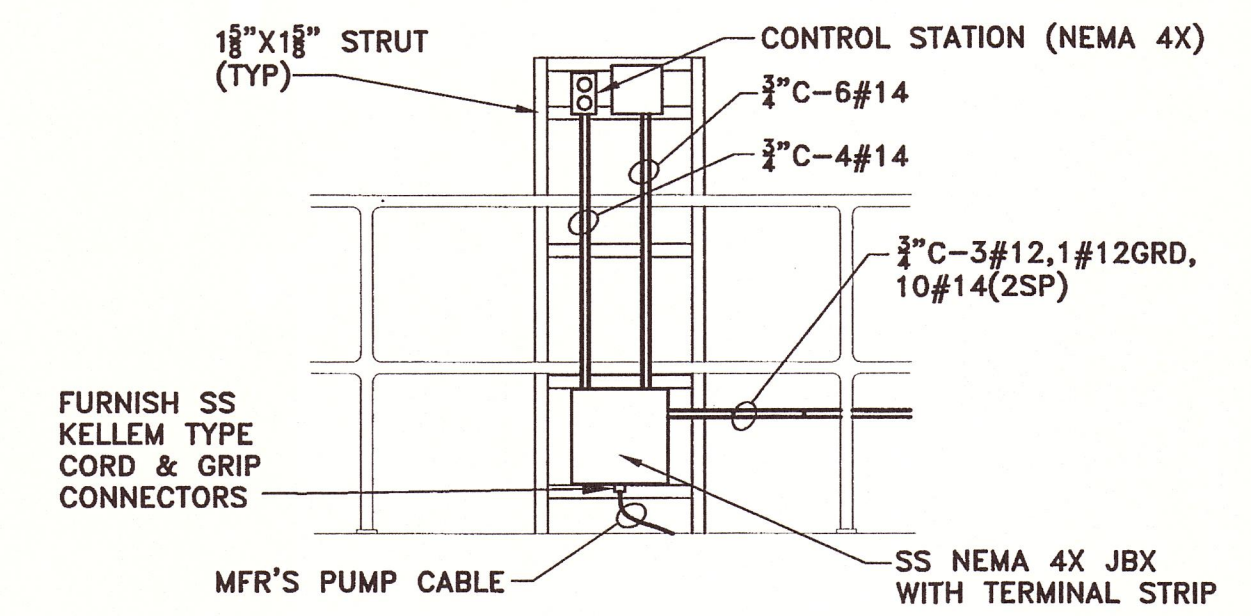
SECTION 1
 SCALE: 1/2"=1'-0"

NOTE:
 1. LEAK DETECTOR INDUCTION RELAY INSTALLED IN SLUDGE THICKENER BUILDING.

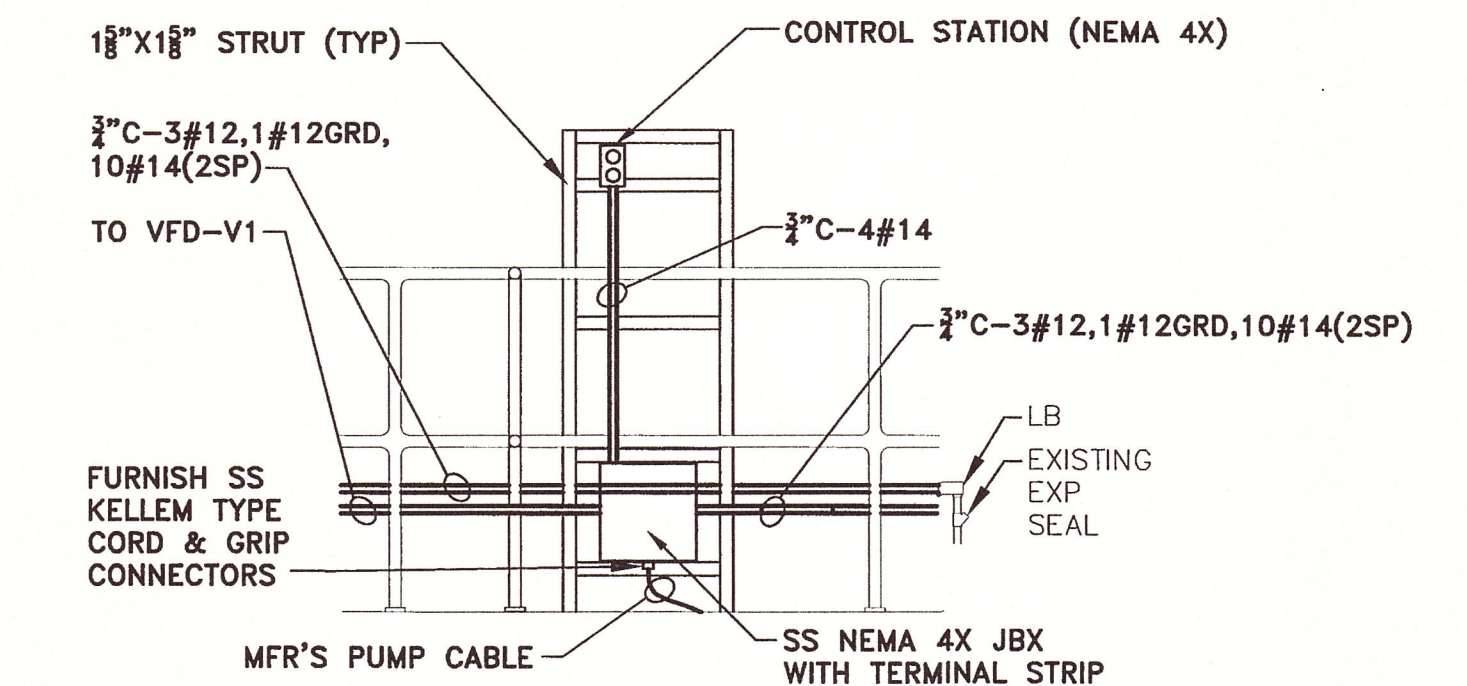


SUBMERSIBLE PUMP P-2 WIRING DIAGRAM

NOT TO SCALE

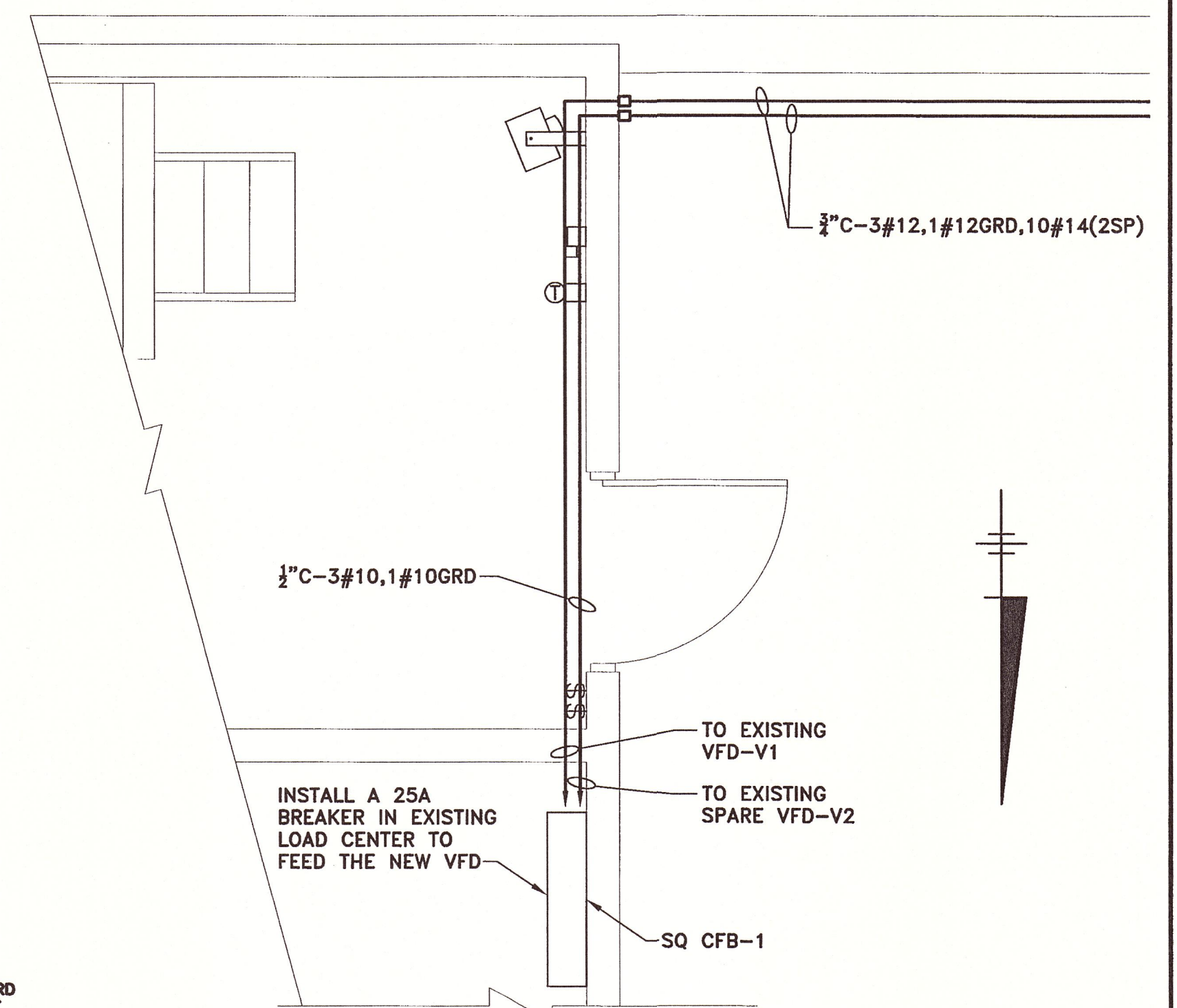


SECTION 2
 SCALE: 1/2"=1'-0"



SECTION 3
 SCALE: 1/2"=1'-0"

NOTE:
 1. LEAK DETECTOR INDUCTION RELAY INSTALLED IN SLUDGE THICKENER BUILDING.



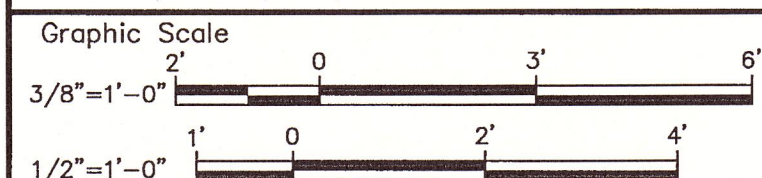
PARTIAL THICKENER BUILDING PLAN

SCALE: 3/8" = 1'-0"

X: 00373X00.DWG
 L: ON=*, OFF=REF*
 P: PAGESET/PL1-CDL
 3/28/06 PISC-14-MEC SYR-B5-DJP SDL D.J.P
 00373014/RECORD/ELEC/00373E06.DWG

(RECORD DRAWING: MADE FROM DRAWING NO. E-6, TRACER NO. 00373014/ELEC/00373E06.DWG, DATED 6/25/03)

DATE 8/17/06 BY Donald F. Geisler



No.	Date	Revisions	Init

Project Mgr. MARK L. GORTHEY
 Designed by MEC
 Drawn by MEC
 Checked by MEC
 Prof. Eng. Donald F. Geisler
 PE License NY #57879

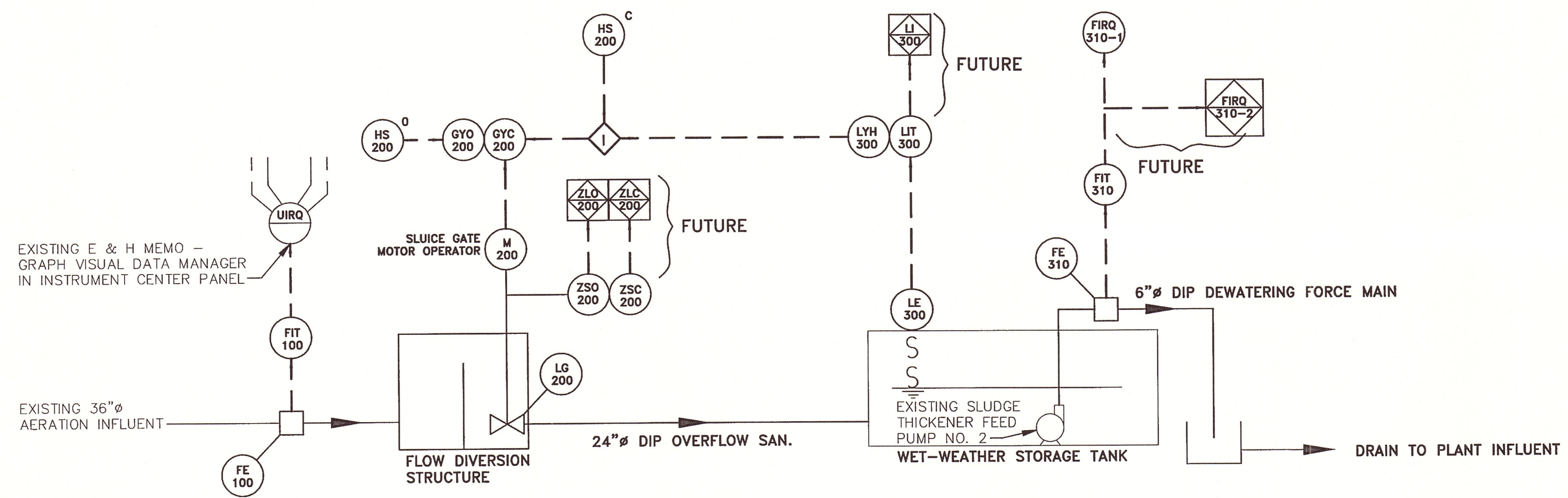


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ONONDAGA COUNTY DEPARTMENT OF WATER ENVIRONMENT PROTECTION
 MEADOWBROOK-LIMESTONE WASTEWATER TREATMENT PLANT
 PHASE ONE WET-WEATHER FLOW STORAGE FACILITIES
WIRING DIAGRAMS, SECTIONS
AND PARTIAL THICKENER BUILDING PLAN
 ELECTRICAL

File Number
 003.73
 Date
 JUNE 2003
 Blasland, Bouck & Lee, Inc.
 Corporate Headquarters
 6723 Towpath Road
 Syracuse, NY 13214
 315-446-9120

E-6



PROCESS AND INSTRUMENTATION DIAGRAM

X: 00373X00.DWG
 L: ON=*, OFF=REF*
 P: PAGESET/PLT-CDL
 3/29/06 PISC-14-MEC SYR-B5-DJP
 00373014/RECORD/ELEC/00373E07.DWG

(RECORD DRAWING: MADE FROM DRAWING NO. E-7, TRACER NO. 00373014/ELEC/00373E07.DWG, DATED 6/24/03)

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BLASLAND, BOUCK & LEE, INC.

Graphic Scale
 NOT TO SCALE

No.	Date	Revisions	Init

Project Mgr. MARK L. GORTHEY
 Designed by MEC
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ONONDAGA COUNTY DEPARTMENT OF WATER ENVIRONMENT PROTECTION
 MEADOWBROOK-LIMESTONE WASTEWATER TREATMENT PLANT
PHASE ONE WET-WEATHER FLOW STORAGE FACILITIES
PROCESS AND INSTRUMENTATION DIAGRAM

File Number
 003.73

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