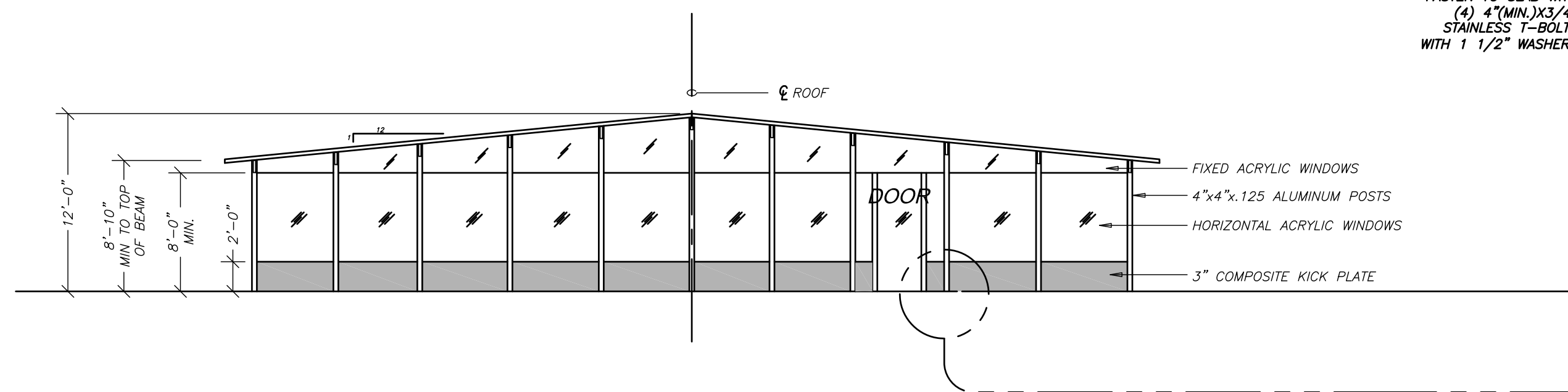


EXISTING PLAN VIEW
SCALE: 1/8" = 1'-0"

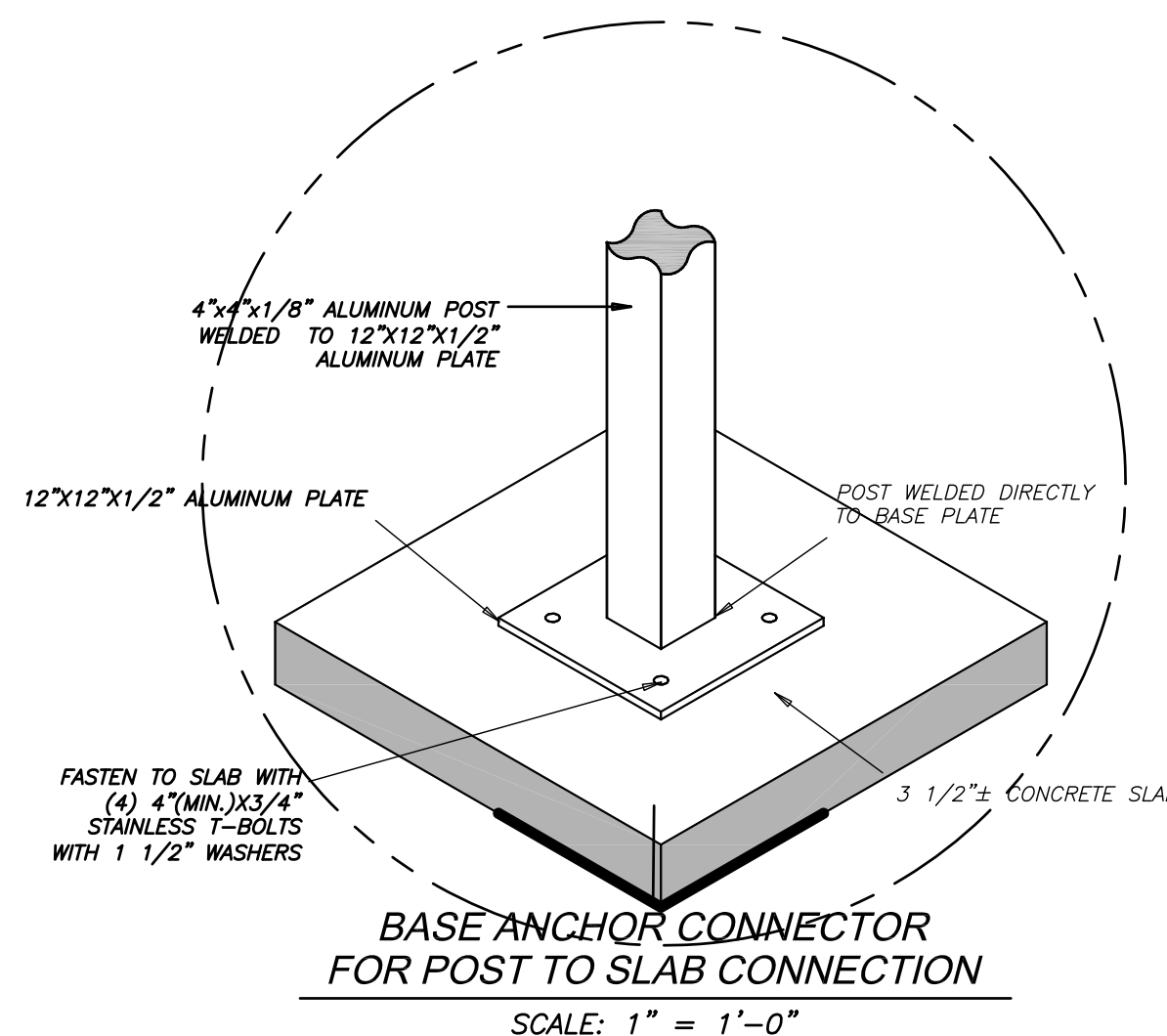


FRONT ELEVATION (VIEW FROM MAIN BUILDING) (FACING EAST)
SCALE: 1/8" = 1'-0"

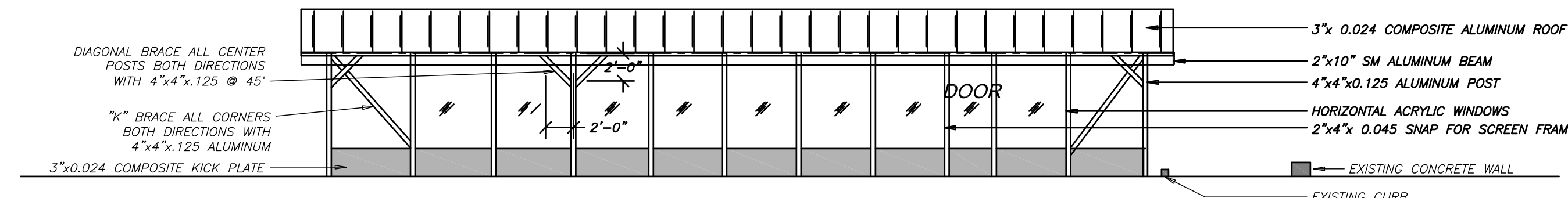
NEW WORK ON S200
New work to match the material and specifications of the existing enclosure shown on this page.

EXISTING CONDITIONS
This sheet has been prepared from asbuilt drawings (May 2005) and field measurements.

This sheet has been prepared for the purpose of locating the existing structure, as the basis for locating new work. As this project does not include renovations to the existing enclosure, not all dimensions were field verified.



SCALE: 1" = 1'-0"



SIDE ELEVATION (VIEW FACING NORTH)
SCALE: 1/8" = 1'-0"

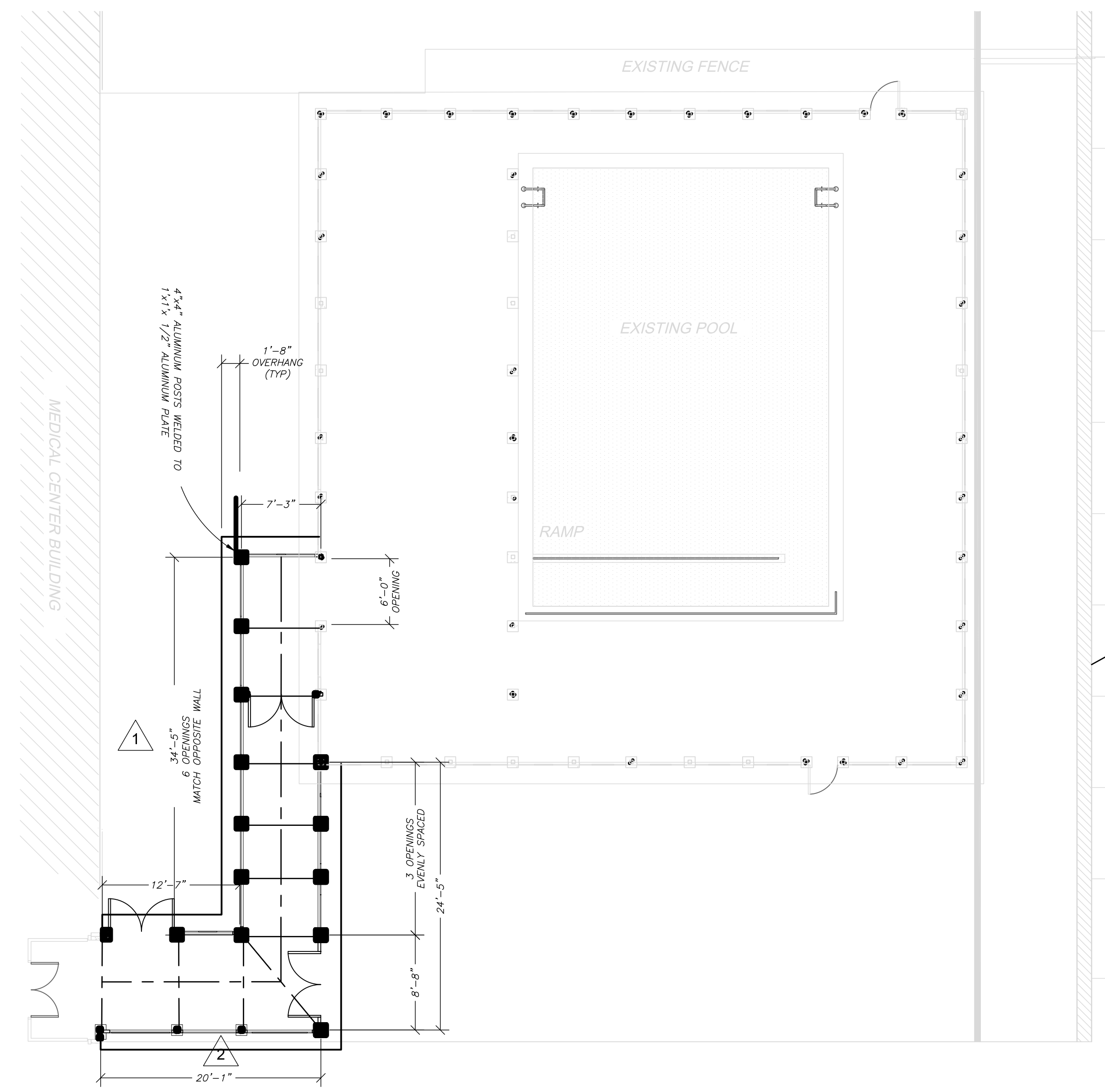
SPECIFICATIONS
Materials and Execution

- A. Furnish all materials, labor, equipment, supervision, and transportation to erect one 59.5' x 59' (63.5' X 63' with overhang) aluminum pool enclosure per detailed specifications and drawings.**
- Reference for material and installation shall be in accordance with Lawrence E. Bennett's 2004 Book of Engineering (attached) and is considered part of the specifications and is designed using 110 mph engineering.
- B. Hardware:** See attachments
1. "All" exposed hardware stainless steel
 - 2.4 (4-1/2 x 3/4") stainless steel expansion bolts with 1 1/2" washers (stainless) through plates attached to each 4" x 4" x 1/8" post that supports structure
 3. Through bolts for beams to post 4 (3/8" x 5") with 1" washers both sides
 4. No angle clips to be substituted where internal screw system can be used (see page 3A-4 of the referenced document)
 5. All screw bosses will be attached with 1-1/2" minimum embedment (3A-4)
 6. Any beam splice will be plated with .125 aluminum with splice on inside of beam (3A-9)
 7. Composite panels will be secured to beam every 8" on center with 4" long 3/8" lag bolts. Panels will be chalk lined and bolts will be placed precisely uniformed horizontally and perpendicular to beams. All bolt heads caulked with "Geoseal 2300" white.
 8. All fasteners that connect tops of beams together will be removed as composite panels are installed so panels will lay flat.
- C. Color:**
1. Aluminum Bronze except for composite roof and composite kick plate to be white both sides
 2. Screen: Charcoal
 3. Acrylic: Clear
- D. Structure:** Minimum height 8' below beams; Maximum height at peak 12'
1. Post: Structural post on east and west wall and through center are 4" x 4" x .125 6063-T6 (pg. 8-2)
 2. Main beams: 2" x 10" x .092 x 369 S.M. (pg. 8-5)
 3. Girts: Across tops of windows 2" x 4" x .050 patio section (pg. 8-1) with all 4 bosses attached.
 4. All 4" x 4" x .125 post diagonally braced with 4" x 4" x .125 aluminum extrusion 2' down and 2' over on beam (45 degrees) with outer posts braced only on inside of room and center post braced both directions.
- E. To East and West Side of Post**
1. All corners will be "K" braced both directions with 4" x 4" x .125 and plated as shown on (pg. 2-16) (Note changes to drawing with 4 (3/8") bolts with 1" washers).
 2. All 4" x 4" x .125 posts will be center notched for beam (pg. 3A-33)
 3. All post on North and South sides other than (4" x 4" x .125 post) to frame windows are 2" x 4" snap
 4. A variable height ridge beam extrusion will be used (pg. 7-22)
- F. Foundations:**
1. All 4" x 4" x .125 posts are welded to 12" x 12" x 1/2" aluminum plate and are to be secured to slab with 4 (evenly spaced) stainless 3/4" x 4-1/2" expansion bolts (pg. 9-1) and (pg. 2-22)
- G. Acrylic**
1. All fixed acrylic will be picture windows with frames (not acrylic) cut and put in place
- H. Screen**
1. All screen will be brand name "Phifer" 80% Suntek (Screen must be rolled on job and screen must not be taken out of packages before type and brand are verified)
- I. Doors**
1. 3 all aluminum prime (minimum 1-3/4") fixed glass, tempered with 2" high kickplate (1-3/4" thick)
 2. The door on west side and south side will be electrical handicapped doors
 3. The door on the north side to be non-electrical doors
 4. All doors are to be keyed alike
- J. Walls**
1. Build north wall same as south wall except shift door to 1' off of north east corner
 2. Door in north wall put fixed tempered picture window next to door on the east side and a horizontal acrylic window on west side
 3. Door in west wall put fixed tempered picture window next to on both sides
 4. Door in south wall install horizontal acrylic windows on both sides
- K. Kickplate**
1. White, 2 sided, 3" thick composite panel, 24" high with 1" X 3" extruded receiving channel on all 4 sides with corners mitered
- L. Receiving Channel**
1. Sealed (embedded) with 2300 Geoseal on sides before attaching to posts and geoseal embedded on bottom before attaching to slab
- M. Windows**
1. Frames caulked before setting into opening with Geoseal 2300
 2. Horizontal acrylic sliders mounted from outside with screen groove as part of window frame
- N. Ridge Cap**
1. To overlap 1' on each side of gable peak (see pg. 7-22)
 2. Variable height ridge beam to be used (see pg. 7-22)
- O. Cap**
1. For outer edges secured 8" on center with 1/2" screws and covered with 3" "Peel and Seal" sealant
- P. Miscellaneous**
1. All seams and outer edges (trim) of composite roof will be cleaned with lacquer thinner (not acetone) and covered with white 3" wide "Peel and Seal". All air rolled out from under "Peel and Seal" with metal wall paper roller. This will be verified by the engineering department.
 - 2.6" OG roll-formed continuous gutter. Minimum .027 gauge.
 - 3.4 (4" x 5") downspouts.
 4. Use correct size flat spline for Suntek screen.
 5. Spline must not be stretched and will be verified.
 6. 3" thick composite kickplate trimmed out with 1" x 3-1/8" x 1" x .045 extruded receiving channel on all four sides.
- Bidding company must have an on going safety program and drug free program.
- Each installer will be named on a workman's compensation policy or have a current workman's compensation exemption certificate.

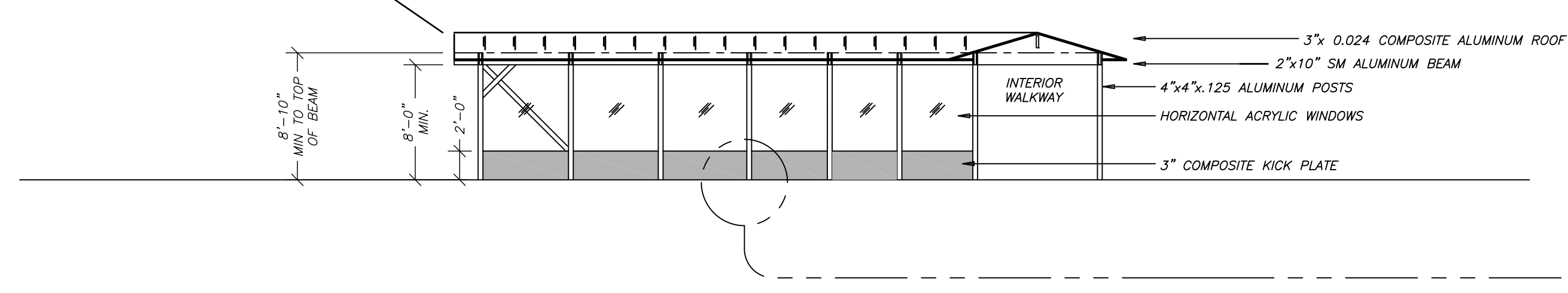
FINAL DESIGN SUBMITTAL
APPROVED FOR CONSTRUCTION

CONSULTANTS: 2300 MAITLAND CENTER PARKWAY, SUITE 210, MAITLAND, FL 32751, PH: (407) 659-0553, FAX (407) 659-0609, WWW.GRAEF-USA.COM, CERT # 4270 WATER TECHNOLOGY INC. 100 PARK AVENUE, BEAVER DAM, WI 53916, PH: (920) 887-7375, FAX: (920) 887-7999		ARCHITECT/ENGINEERS: AKEA INC. 3603 NW 98TH ST, SUITE B, GAINESVILLE, FLORIDA 32606, PH: (352) 474-6124, FAX: (352) 474-6324, CERT. OF AUTH: FL #26693, EXPIRES: 02/28/2015, AKEA PROJECT NO: 053-13	Drawing Title POOL ENCLOSURE-EXISTING CONDITIONS	Project Title RENOVATIONS TO THE POOL MALCOM RANDALL VAMC	Project Number 573-13-105	Office of Construction and Facilities Management
Revisions: _____ Date _____		Approved: Project Director	Location GAINESVILLE, FLORIDA	Building Number 1	Drawing Number S100 Page 11 of 29	

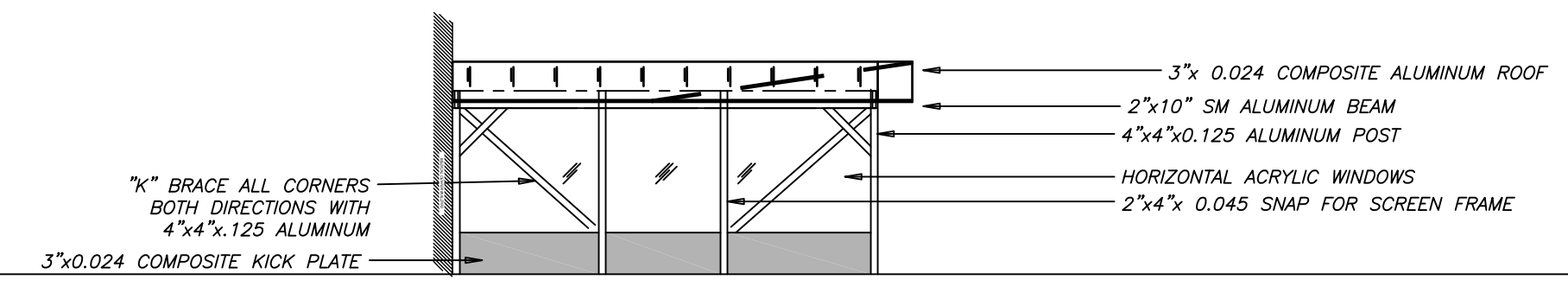
three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot
 one eighth inch = one foot



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



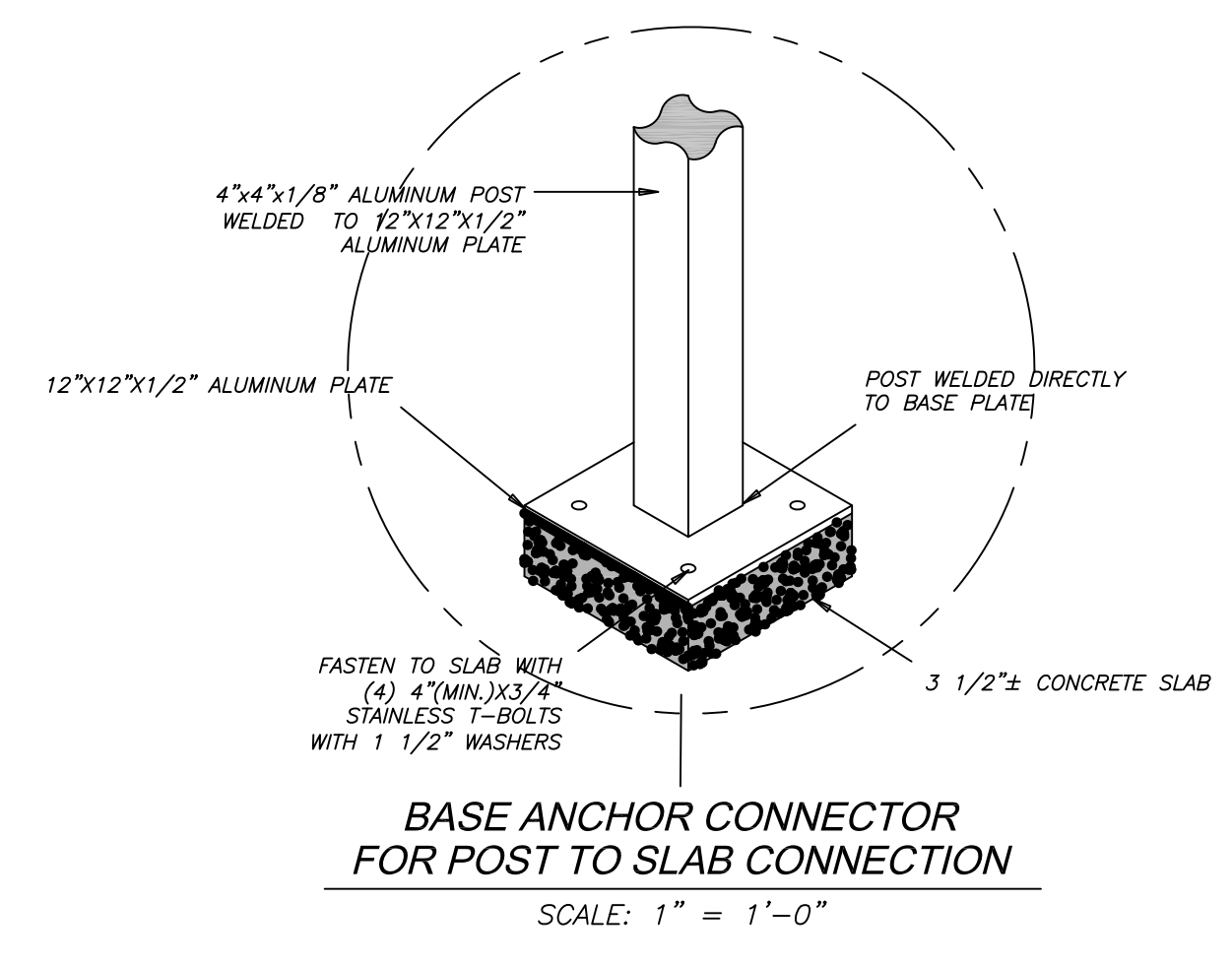
FRONT ELEVATION (VIEW FROM MAIN BUILDING) (FACING EAST)
 SCALE: 1/8" = 1'-0"



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

EXISTING CONDITIONS
 This sheet has been produced using existing asbuilt conditions (May 2005) as the basis for locating new work. See S001.

New work shown is as follows:
 1. Breezeway between Main Building and Pool Enclosure.
 2. Approximately 55 ft
 3. Approximately 425 SF



BASE ANCHOR CONNECTOR FOR POST TO SLAB CONNECTION
 SCALE: 1" = 1'-0"

NEW WORK
 New work to match the material and specifications of the existing enclosure. See sheet S001. The building fabricator shall provide signed/sealed structural drawings and calculations

SPECIFICATIONS
 Materials and Execution

- A. Furnish all materials, labor, equipment, supervision, and transportation to erect one 54' in length X ~8' wide aluminum breezeway (walkway) enclosure between Main Building and Pool Enclosure on First Floor, per detailed specifications and drawings. Approx 438 square feet.
- Reference for material and installation shall be in accordance with Lawrence E. Bennett's 2004 Book of Engineering (attached) and is considered part of the specifications and is designed using 110 mph engineering.
- The material and specifications shall match those of the existing enclosure.
- B. Hardware: See attachments
 1. "All" exposed hardware stainless steel
 2.4 (4-1/2 x 3/4") stainless steel expansion bolts with 1 1/2" washers (stainless) through plates attached to each 4" x 4" x 1/8" post that supports structure
 3. Through bolts for beams to post 4 (3/8" x 5") with 1" washers both sides
 4. No angle clips to be substituted where internal screw system can be used (see page 3A-4 of the referenced document)
 5. All screw bosses will be attached with 1-1/2" minimum embedment (3A-4)
 6. Any beam splice will be plated with .125 aluminum with splice on inside of beam (3A-9)
 7. Composite panels will be secured to beam every 8" on center with 4" long 3/8" lag bolts. Panels will be chalk lined and bolts will be placed precisely uniformed horizontally and perpendicular to beams. All bolt heads caulked with "Geoseal 2300" white.
 8. All fasteners that connect tops of beams together will be removed as composite panels are installed so panels will lay flat.
- C. Color:
 1. Aluminum Bronze except for composite roof and composite kick plate to be white both sides
 2. Screen: Charcoal
 3. Acrylic: Clear
- D. Structure: Minimum height 8' below beams; Maximum height at peak 10'
 1. Post: Structural post are 4" x 4" x .125 6063-T6 (pg. 8-2)
 2. Main beams: 2" x 10" x .092 x 369 S.M. (pg. 8-5)
 3. Girts: Across tops of windows 2" x 4" x .050 patio section (pg. 8-1) with all 4 bosses attached.
 4. All 4" x 4" x .125 post diagonally braced with 4" x 4" x .125 aluminum extrusion 2' down and 2' over on beam (45 degrees) with outer posts braced only on inside of room.
- E. To Side of Post
 1. All corners will be "K" braced both directions with 4" x 4" x .125 and plated as shown on (pg. 2-16) (Note changes to drawing with 4 (3/8") bolts with 1" washers).
 2. All 4" x 4" x .125 posts will be center notched for beam (pg. 3A-33)
 3. All post other than (4" x 4" x .125 post) to frame windows are 2" x 4" snap
 4. A variable height ridge beam extrusion will be used (pg. 7-22)
- F. Foundations:
 1. All 4" x 4" x .125 posts are welded to 12" x 12" x 1/2" aluminum plate and are to be secured to slab with 4 (evenly spaced) stainless 3/4" x 4-1/2" expansion bolts (pg. 9-1) and (pg. 2-22)
- G. Acrylic
 1. All fixed acrylic will be picture windows with frames (not acrylic) cut and put in place
- H. Screen
 1. All screen will be brand name "Phifer" 80% Sunteck (Screen must be rolled on job and screen must not be taken out of packages before type and brand are verified)
- I. Doors
 1. 3 double doors all aluminum prime (minimum 1-3/4") fixed glass, tempered with 2' high kickplate (1-3/4" thick)
 2. The double door on east side to pool enclosure will be electrical handicapped doors
 3. The double doors on east side to exterior and north side to exterior to be non-electrical doors
 4. All doors are to be keyed alike
- J. Walls
 1. All doors install horizontal acrylic windows adjacent to door, except interior door to pool enclosure.
- K. Kickplate
 1. White, 2 sided, 3" thick composite panel, 24" high with 1" X 3" extruded receiving channel on all 4 sides with corners mitered
- L. Receiving Channel
 1. Sealed (embedded) with 2300 Geoseal on sides before attaching to posts and geoseal embedded on bottom before attaching to slab
- M. Windows
 1. Frames caulked before setting into opening with Geoseal 2300
 2. Horizontal acrylic sliders mounted from outside with screen groove as part of window frame
- N. Ridge Cap
 1. To overlap 1' on each side of gable peak (see pg. 7-22)
 2. Variable height ridge beam to be used (see pg. 7-22)
- O. Cap
 1. For outer edges secured 8" on center with 1/2" screws and covered with 3" "Peel and Seal" sealant
- P. Miscellaneous
 1. All seams and outer edges (trim) of composite roof will be cleaned with lacquer thinner (not acetone) and covered with white 3" wide "Peel and Seal". All air rolled out from under "Peel and Seal" with metal wall paper roller. This will be verified by the engineering department.
 2. 6" OG roll-formed continuous gutter. Minimum .027 gauge.
 3. 4 (4" x 5") downspouts.
 4. Use correct size flat spline for Sunteck screen.
 5. Spline must not be stretched and will be verified.
 6. 3" thick composite kickplate trimmed out with 1" x 3-1/8" x 1" x .045 extruded receiving channel on all four sides.
- Bidding company prior to construction of the breezeway will produce and sign/seal by Florida-registered Professional Engineer structural drawings and structural calculations including design calculations to withstand windloads to 110 mph.
- Bidding company must have an on going safety program and drug free program.
- Each installer will be named on a workman's compensation policy or have a current workman's compensation exemption certificate.

FINAL DESIGN SUBMITTAL
 APPROVED FOR CONSTRUCTION

CONSULTANTS:

GRAEF
 2300 MAITLAND CENTER PARKWAY,
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 MAITLAND, FL 32751
 PH: (407) 659-0553
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 WWW.GRAEF-USA.COM
 CERT # 4270

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 WATER TECHNOLOGY INC.

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ARCHITECT/ENGINEERS:

AKEA INC.
 3603 NW 98TH ST, SUITE B
 GAINESVILLE, FLORIDA 32606
 PH: (352) 474-6124
 FAX: (352) 474-6324
 CERT. OF AUTH: FL #26693
 EXPIRES: 02/28/2015
 AKEA PROJECT NO: 053-13

Drawing Title	Project Number	Project Title	Project Number
POOL ENCLOSURE-NEW WORK-BREEZEWAY	573-13-105	RENOVATIONS TO THE POOL MALCOM RANDALL VAMC	573-13-105
Approved: Project Director	Building Number	Location	Building Number
	1	GAINESVILLE, FLORIDA	1
Date	Checked	Drawn	Drawing Number
JULY 23, 2014	SSH	CN	S200
			Page 12 of 29

Office of
 Construction
 and Facilities
 Management

Department of
 Veterans Affairs

Pipe Schedule		
Size	Length	Count

1"ø		
1"ø	0' - 0 3/8"	1
1"ø	0' - 0 9/16"	1
1"ø	0' - 1 9/16"	2
1"ø	0' - 0 27/32"	1
1"ø	0' - 1 1/8"	1
1"ø	0' - 2 1/32"	1
1"ø	0' - 2 7/8"	1
1"ø	0' - 3 11/16"	1
1"ø	0' - 3 7/8"	1
1"ø	0' - 4 5/32"	1
1"ø	0' - 4 5/16"	1
1"ø	0' - 4 29/32"	1
1"ø	0' - 5 7/8"	1
1"ø	0' - 6 17/32"	1
1"ø	1' - 1 3/32"	2
1"ø	0' - 7"	1
1"ø	1' - 2 1/8"	2
1"ø	0' - 7 5/16"	1
1"ø	0' - 7 21/32"	1
1"ø	0' - 8 9/32"	1
1"ø	0' - 8 11/32"	1
1"ø	0' - 8 13/16"	1
1"ø	0' - 9 15/32"	1
1"ø	0' - 10 9/32"	1
1"ø	0' - 10 11/32"	1
1"ø	0' - 10 7/8"	1
1"ø	0' - 11 1/4"	1
1"ø	0' - 11 3/8"	1
1"ø	0' - 11 15/32"	1
1"ø	0' - 11 1/2"	1
1"ø	1' - 0 23/32"	1
1"ø	1' - 1 5/16"	1
1"ø	1' - 1 11/32"	1
1"ø	1' - 1 27/32"	1
1"ø	1' - 1 7/8"	1
1"ø	1' - 2 1/4"	1
1"ø	1' - 6 1/8"	1
1"ø	1' - 11 25/32"	1
1"ø	2' - 0 3/4"	1
1"ø	2' - 0 29/32"	1
1"ø	2' - 1 3/32"	1
1"ø	2' - 1 3/4"	1
1"ø	2' - 3 9/32"	1
1"ø	2' - 3 13/16"	1
1"ø	2' - 7 3/32"	1
1"ø	3' - 1 3/8"	1
1"ø	3' - 3 5/16"	1
1"ø	4' - 2 1/8"	1
1"ø	4' - 5 3/4"	1
1"ø	4' - 7 9/32"	1
1"ø	4' - 7 11/16"	1
1"ø	4' - 8 17/32"	1
1"ø	9' - 9 3/4"	2
1"ø	5' - 1 17/32"	1
1"ø	5' - 2 3/32"	1
1"ø	5' - 2 3/8"	1
1"ø	5' - 2 13/32"	1
1"ø	5' - 3 11/32"	1
1"ø	5' - 3 9/16"	1
1"ø	5' - 4 5/8"	1
1"ø	5' - 6 7/8"	1
1"ø	5' - 10 23/32"	1
1"ø	6' - 8 7/8"	1
1"ø	6' - 11 1/8"	1
1"ø	7' - 1 11/32"	1
1"ø	7' - 3 15/32"	1
1"ø	7' - 3 15/32"	1
1"ø	7' - 5 25/32"	1
1"ø	7' - 5 31/32"	1
1"ø	7' - 8 1/8"	1
1"ø	12' - 0 1/8"	1
	201' - 9 27/32"	

2"ø		
2"ø	0' - 0 17/32"	1
2"ø	0' - 0 23/32"	1
2"ø	0' - 0 31/32"	1
2"ø	0' - 1 5/16"	1
2"ø	0' - 1 3/8"	1
2"ø	0' - 2 1/32"	1
2"ø	0' - 2 3/32"	1
2"ø	0' - 2 5/16"	1
2"ø	0' - 2 7/16"	1
2"ø	0' - 2 15/16"	1
2"ø	0' - 3 1/16"	1
2"ø	0' - 3 3/16"	1
2"ø	0' - 3 7/16"	1
2"ø	0' - 4 13/32"	1
2"ø	0' - 4 5/8"	1
2"ø	0' - 4 25/32"	1
2"ø	0' - 5 5/16"	1
2"ø	0' - 6 1/8"	1
2"ø	0' - 6 15/32"	1
2"ø	0' - 7 1/4"	1
2"ø	0' - 7 27/32"	1

Pipe Schedule		
Size	Length	Count

2"ø	0' - 9 3/8"	1
2"ø	0' - 9 1/2"	1
2"ø	1' - 9 17/32"	2
2"ø	0' - 11"	1
2"ø	1' - 0 1/32"	1
2"ø	1' - 0 9/16"	1
2"ø	1' - 0 3/4"	1
2"ø	1' - 0 31/32"	1
2"ø	1' - 1 7/16"	1
2"ø	1' - 1 3/4"	1
2"ø	1' - 3 1/8"	1
2"ø	1' - 3 5/32"	1
2"ø	1' - 3 3/4"	1
2"ø	1' - 4 13/32"	1
2"ø	2' - 9 17/32"	2
2"ø	1' - 4 25/32"	1
2"ø	1' - 5 13/32"	1
2"ø	1' - 6 13/32"	1
2"ø	1' - 8"	1
2"ø	1' - 8 13/32"	1
2"ø	1' - 8 25/32"	1
2"ø	1' - 9 31/32"	1
2"ø	1' - 10 3/16"	1
2"ø	1' - 10 9/16"	1
2"ø	2' - 0 27/32"	1
2"ø	2' - 2 3/16"	1
2"ø	2' - 2 17/32"	1
2"ø	2' - 2 23/32"	1
2"ø	2' - 2 31/32"	1
2"ø	2' - 3 11/32"	1
2"ø	2' - 3 7/16"	1
2"ø	2' - 3 17/32"	1
2"ø	2' - 3 15/16"	1
2"ø	2' - 6 5/16"	1
2"ø	2' - 6 7/8"	1
2"ø	5' - 1 25/32"	2
2"ø	2' - 10 9/32"	1
2"ø	2' - 10 1	1
2"ø	30' - 10"	10
2"ø	3' - 6 19/32"	1
2"ø	4' - 0 7/8"	1
2"ø	4' - 1 13/32"	1
2"ø	4' - 11 9/32"	1
2"ø	6' - 2 23/32"	1
2"ø	6' - 4 5/8"	1
2"ø	6' - 10 9/16"	1
2"ø	7' - 6 15/32"	1
2"ø	7' - 10 13/32"	1
2"ø	8' - 2 11/32"	1
2"ø	8' - 2 25/32"	1
2"ø	8' - 8 15/32"	1
2"ø	9' - 10 3/4"	1
2"ø	10' - 8 5/16"	1
2"ø	14' - 6 31/32"	1
2"ø	18' - 6 1/8"	1
2"ø	237' - 2 27/32"	

3"ø		
3"ø	0' - 0 19/32"	1
3"ø	0' - 1 3/8"	2
3"ø	0' - 0 3/4"	1
3"ø	0' - 1 1/16"	1
3"ø	0' - 1 7/16"	1
3"ø	0' - 1 1/2"	1
3"ø	0' - 1 1/2"	1
3"ø	0' - 1 25/32"	1
3"ø	0' - 1 7/8"	1
3"ø	0' - 1 29/32"	1
3"ø	0' - 3 13/32"	1
3"ø	0' - 4 1/16"	1
3"ø	0' - 4 3/16"	1
3"ø	0' - 4 1/4"	1
3"ø	0' - 4 5/16"	1
3"ø	0' - 4 17/32"	1
3"ø	0' - 5 9/32"	1
3"ø	0' - 5 27/32"	1
3"ø	0' - 5 15/16"	1
3"ø	0' - 6 1/16"	1
3"ø	0' - 6 1/16"	1
3"ø	0' - 6 25/32"	1
3"ø	0' - 7 9/16"	1
3"ø	0' - 7 7/8"	1
3"ø	0' - 8"	1
3"ø	0' - 8 7/32"	1
3"ø	0' - 8 19/32"	1
3"ø	0' - 10 5/16"	1
3"ø	0' - 10 1	1
3"ø	0' - 10 13/32"	1
3"ø	0' - 11 1/4"	1
3"ø	0' - 11"	1
3"ø	0' - 11 7/8"	1
3"ø	1' - 0 3/16"	1
3"ø	1' - 0 5/8"	1
3"ø	1' - 1 23/32"	1
3"ø	1' - 2 1/32"	1
3"ø	1' - 2 5/32"	1

Pipe Schedule		
Size	Length	Count

3"ø	1' - 3"	1
3"ø	1' - 3 5/16"	1
3"ø	1' - 5 3/8"	1
3"ø	1' - 8 5/16"	1
3"ø	1' - 9 3/4"	1
3"ø	1' - 10	1
3"ø	1' - 11 1/4"	1
3"ø	2' - 2 25/32"	1
3"ø	2' - 4 3/4"	1
3"ø	2' - 6 5/32"	1
3"ø	2' - 7"	1
3"ø	2' - 7 11/16"	1
3"ø	2' - 10 15/32"	1
3"ø	3' - 0 3/4"	1
3"ø	3' - 0 7/8"	1
3"ø	3' - 1"	1
3"ø	4' - 0 15/16"	1
3"ø	8' - 2 1/32"	2
3"ø	4' - 2 5/32"	1
3"ø	4' - 4 5/16"	1
3"ø	4' - 5 29/32"	1
3"ø	5' - 0 15/16"	1
3"ø	5' - 2 1/8"	1
3"ø	5' - 5 5/16"	1
3"ø	5' - 6 7/32"	1
3"ø	12' - 8 3/8"	2
3"ø	6' - 6"	1
3"ø	7' - 6 13/16"	1
3"ø	7' - 11 11/32"	1
3"ø	8' - 0 3/8"	1
3"ø	8' - 1"	1
3"ø	8' - 2 5/8"	1
3"ø	8' - 3 3/16"	1
3"ø	8' - 3 1/2"	1
3"ø	8' - 6 7/8"	1
3"ø	8' - 7 1/8"	1
3"ø	9' - 4 29/32"	1
3"ø	9' - 6 19/32"	1
3"ø	9' - 9 13/16"	1
3"ø	9' - 10 5/32"	1
3"ø	10' - 0 9/16"	1
3"ø	10' - 1 3/4"	1
3"ø	10' - 2 1/4"	1
3"ø	12' - 3 3/8"	1
3"ø	13' - 11 15/32"	1
3"ø	14' - 7 3/8"	1
3"ø	30' - 2 3/4"	2
3"ø	18' - 7 5/8"	1
	354' - 4 27/32"	

4"ø		
4"ø	0' - 1 3/4"	1
4"ø	0' - 1 29/32"	1
4"ø	0' - 6"	3
4"ø	0' - 2 1/32"	1
4"ø	0' - 2 1/8"	1
4"ø	0' - 6 1/16"	2
4"ø	0' - 4"	1
4"ø	1' - 0 7/8"	2
4"ø	0' - 6 31/32"	1
4"ø	0' - 7 7/16"	1
4"ø	0' - 7 1/2"	1
4"ø	0' - 10	1
4"ø	11' - 11/16"	1
4"ø	11' - 7 3/8"	1
4"ø	2' - 9"	1
4"ø	4' - 1 25/32"	1
4"ø	6' - 7 3/8"	1
4"ø	9' - 0 7/8"	1
4"ø	10' - 1 1/32"	1
4"ø	11' - 8 9/16"	1
4"ø	13' - 10 5/8"	1
4"ø	16' - 2 23/32"	1
	81' - 10 11/16"	

6"ø		
6"ø	0' - 0 3/8"	1
6"ø	0' - 0 7/8"	1
6"ø	0' - 3 3/16"	1
6"ø	0' - 3 31/32"	1
6"ø	0' - 4 1/2"	1
6"ø	1' - 1 25/32"	3
6"ø	0' - 4 3/4"	1
6"ø	0' - 8 11/16"	1
6"ø	1' - 0 27/32"	1
	4' - 4 29/32"	
10"ø		
10"ø	0' - 3 17/32"	1
10"ø	1' - 2 1/32"	2
10"ø	2' - 2"	2
10"ø	2' - 11 25/32"	2
10"ø	8' - 8 1/32"	2
	15' - 3 11/32"	
Grand total:	895' - 0 15/32"	
299		

Pipe Fitting Schedule

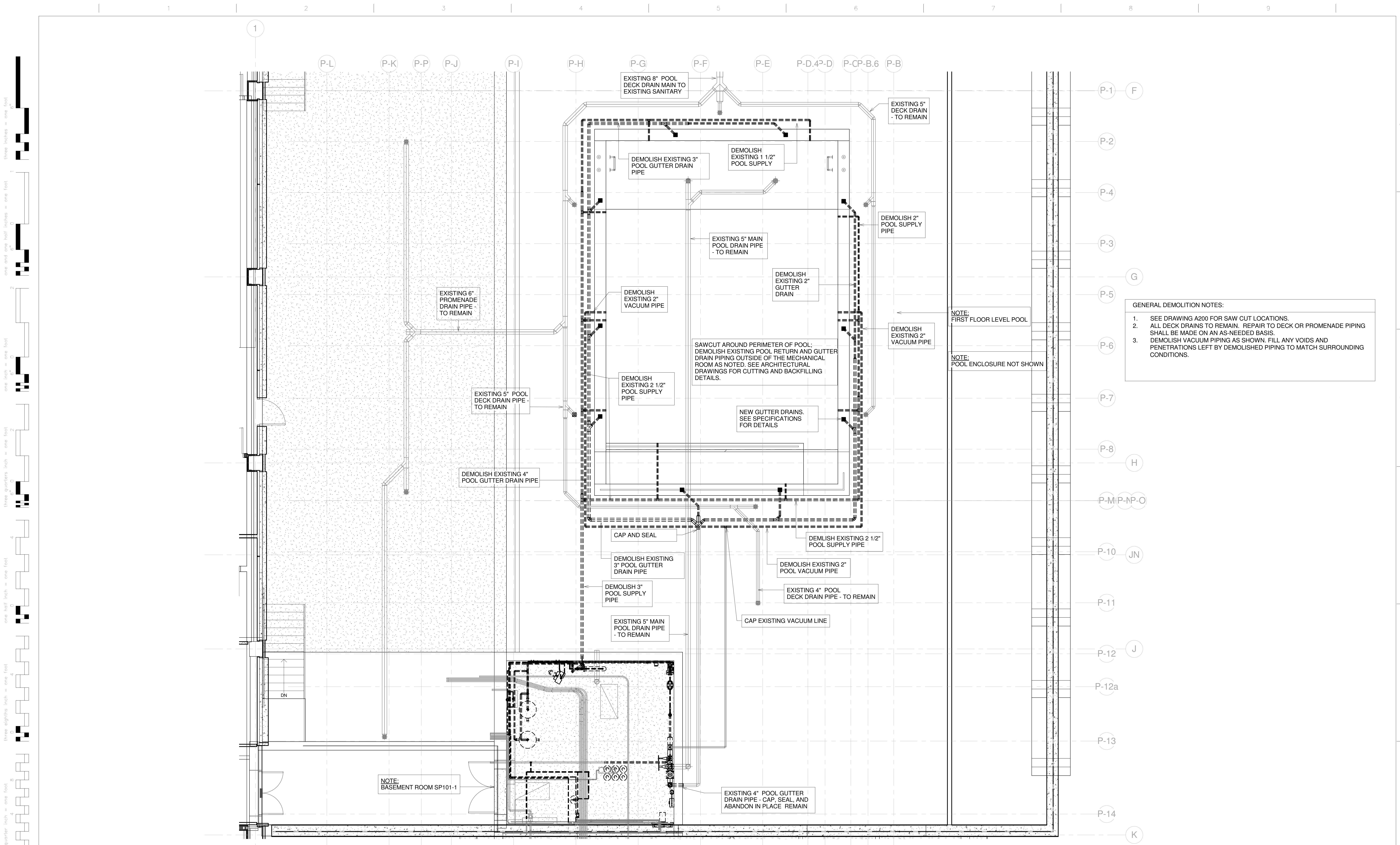
Size	Count
1"ø-1"ø	56
1"ø-1"ø-1"ø	13
2"ø-1"ø	15
2"ø-2"ø	47
2"ø-2"ø-2"ø	12
3"ø-2"ø	23
3"ø-3"ø	70
3"ø-3"ø-3"ø	25
4"ø-1"ø	1
4"ø-2"ø	2
4"ø-3"ø	7
4"ø-4"ø	20
4"ø-4"ø-4"ø	3
6"ø-2"ø	1
6"ø-4"ø	1
6"ø-4"ø-3"ø	2
6"ø-6"ø	2
6"ø-6"ø-6"ø	3
10"ø-10"ø	20

PLUMBING SYMBOL LEGEND

SYMBOL	DESCRIPTION
	COLD WATER PIPING AND FLOW
	HOT WATER PIPING AND FLOW
	HOT WATER RETURN PIPING AND FLOW
	WASTE OR SANITARY PIPING
	GAS PIPING AND FLOW
	VENT PIPING
	VENT THRU ROOF AND SIZE
	KITCHEN GREASE PIPING
	STORM DRAIN PIPING
	RAIN LEADER PIPING
	OVERFLOW STORM PIPING
	ACID VENT PIPING
	ACID WASTE PIPING
	AIR PIPING
	MEDICAL AIR PIPING
	NITROGEN PIPING
	NITROUS OXIDE PIPING
	OXYGEN PIPING
	VACUUM PIPING
	HOUSE VACUUM PIPING
	SOFT WATER PIPING
	ROOF DRAIN AND SIZE
	RISER WITH SHUT OFF VALVE
	BALL VALVE
	VALVE IN VALVE BOX
	GATE VALVE
	CHECK VALVE
	BACKFLOW PREVENTER
	GAS COOK
	PRESSURE REDUCING VALVE
	SOLENOID VALVE
	ISOLATION VALVE (SEE NOTE 2)
	BALANCING VALVE (SEE NOTE 2)
	UNION
	FLOOR DRAIN(S) SIZE AND TYPE
	EXTERIOR CLEANOUT AND SIZE
	WALL CLEANOUT AND SIZE
	FLOOR CLEANOUT AND SIZE
	FLOOR SINK
	SHOCK ABSORBER
	HOSE BIBB OR WALL HYDRANT (SEE SPECS)
	PLUMBING FIXTURE NUMBER
	DRAWING KEY NOTE
	POINT OF CONNECTION
	INVERT ELEVATION DESIGNATION

WATER HAMMER ARRESTOR SCHEDULE

MARK	A	B	C	D	E	F
MAXIMUM FIXTURE UNITS	11	32				



- GENERAL DEMOLITION NOTES:**
- SEE DRAWING A200 FOR SAW CUT LOCATIONS.
 - ALL DECK DRAINS TO REMAIN. REPAIR TO DECK OR PROMENADE PIPING SHALL BE MADE ON AN AS-NEEDED BASIS.
 - DEMOLISH VACUUM PIPING AS SHOWN. FILL ANY VOIDS AND PENETRATIONS LEFT BY DEMOLISHED PIPING TO MATCH SURROUNDING CONDITIONS.

NOTE:
FIRST FLOOR LEVEL POOL

NOTE:
POOL ENCLOSURE NOT SHOWN

01 Basement Level Demo (91'-4")
1/4" = 1'-0"

FINAL SUBMITTAL
APPROVED FOR CONSTRUCTION

Revisions:	Date

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EXPIRES: 02/28/2015
AKEA PROJECT NO: 053-13

Drawing Title
OVERALL PLAN - BASEMENT AND FIRST FLOOR

Approved: Project Director

Project Title RENOVATIONS TO THE POOL MALCOM RANDALL VAMC			Project Number VA-13-C-0130
Location GAINESVILLE, FLORIDA			Building Number 1
Date JULY 23, 2014	Checked MT	Drawn CF	Drawing Number M101 Page 14 of 29

Office of
Construction
and Facilities
Management

Department of
Veterans Affairs

one eighth inch = one foot
one quarter inch = one foot
one half inch = one foot
three quarters inch = one foot
one inch = one foot
one and one half inches = one foot
two inches = one foot
three inches = one foot
three and one half inches = one foot
four inches = one foot
four and one half inches = one foot
five inches = one foot
five and one half inches = one foot
six inches = one foot
six and one half inches = one foot
seven inches = one foot
seven and one half inches = one foot
eight inches = one foot
eight and one half inches = one foot
nine inches = one foot
nine and one half inches = one foot
ten inches = one foot
ten and one half inches = one foot
eleven inches = one foot
eleven and one half inches = one foot
twelve inches = one foot

