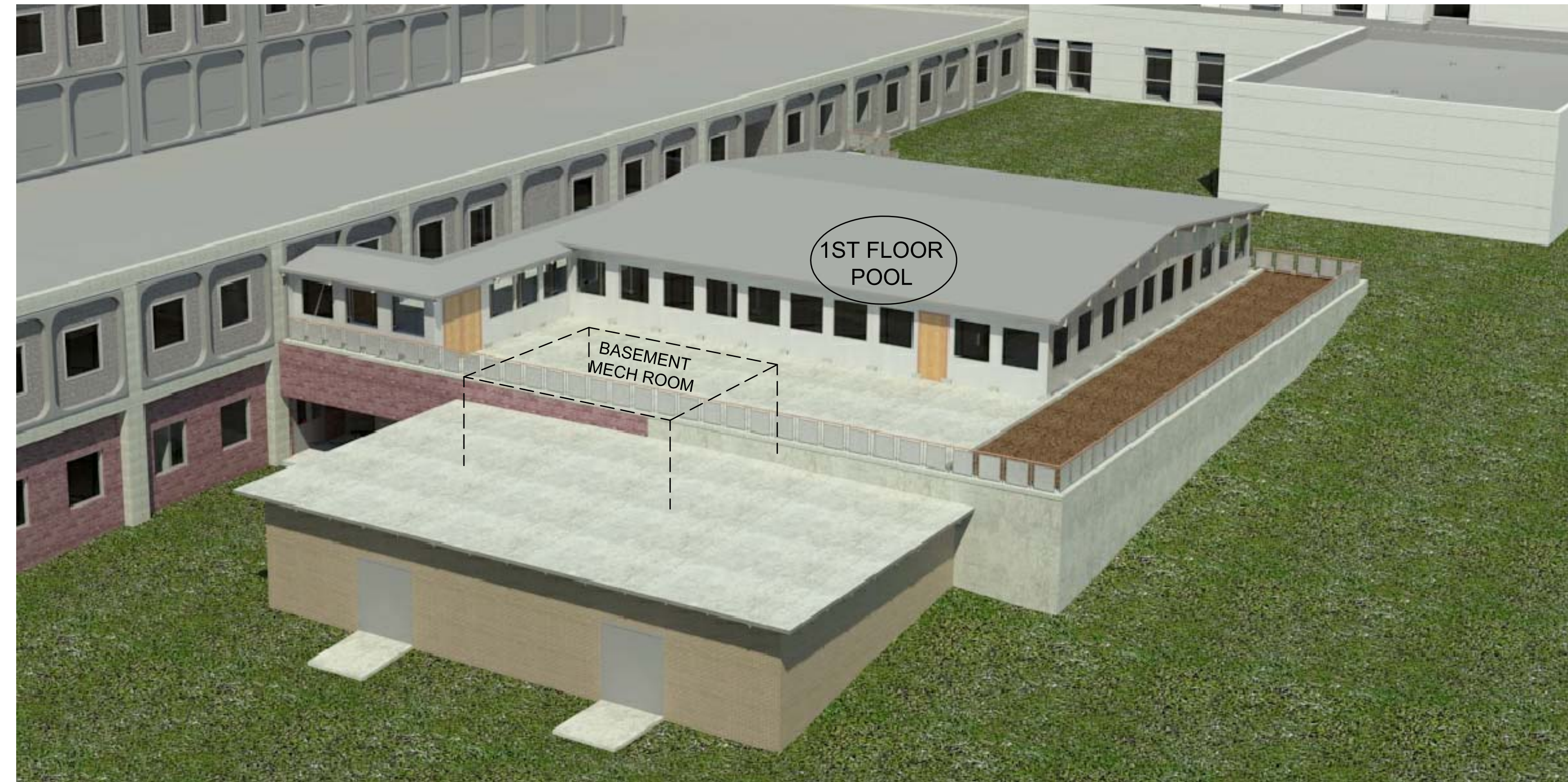
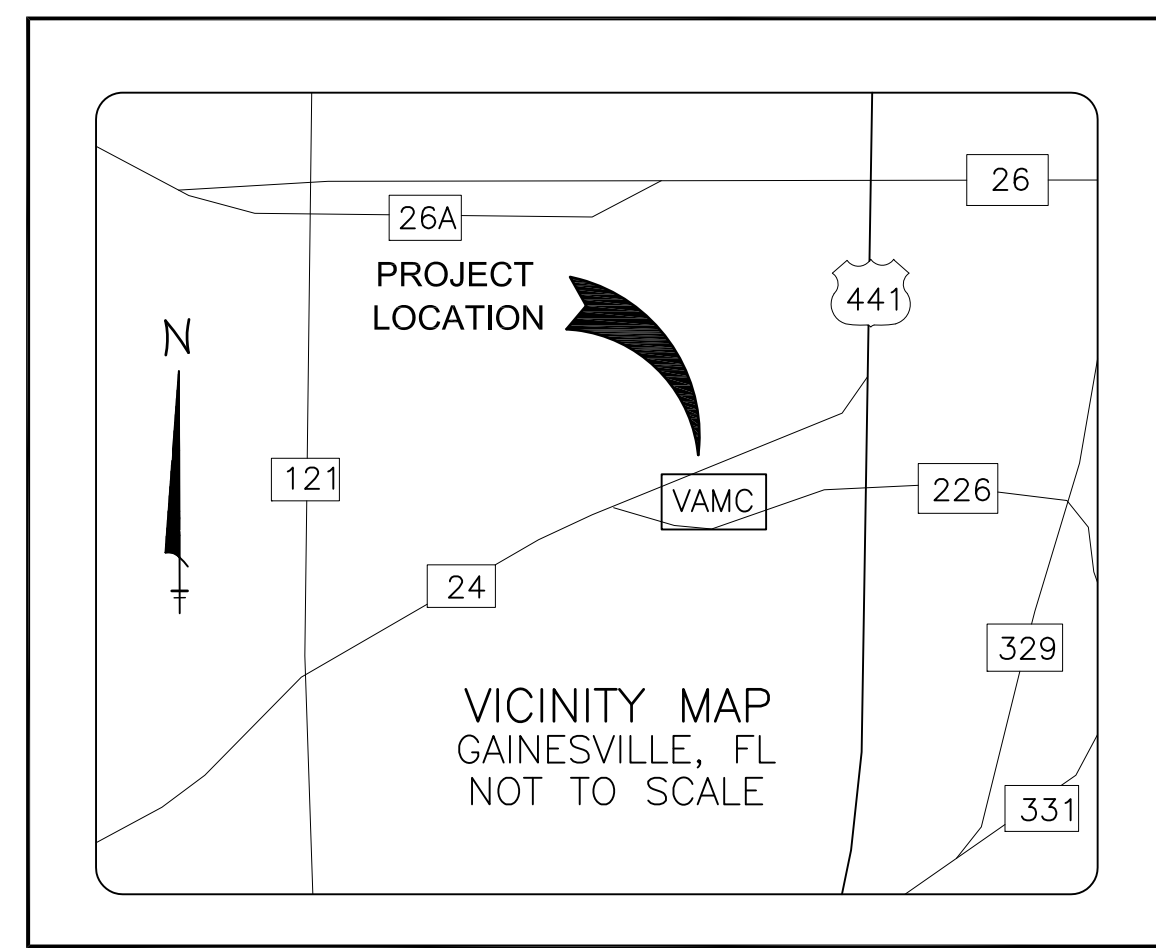


# VA PROJECT NO. 573-13-105 RENOVATIONS TO THE POOL MALCOM RANDALL VETERANS AFFAIRS MEDICAL CENTER GAINESVILLE, FLORIDA

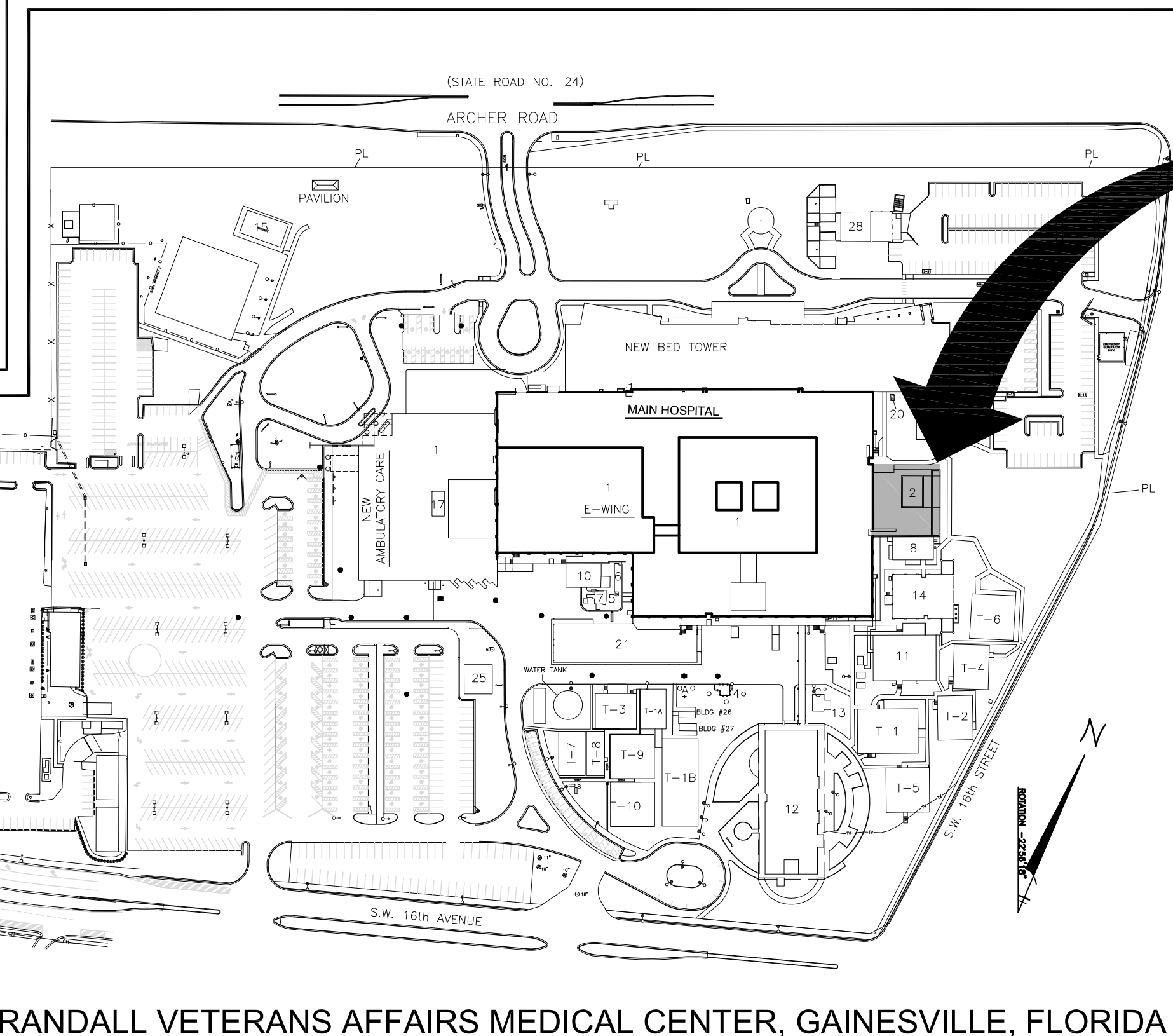
## FINAL DESIGN SUBMITTAL JULY 23, 2014



VICINITY MAP



PROJECT LOCATION MAP



MALCOM RANDALL VETERANS AFFAIRS MEDICAL CENTER, GAINESVILLE, FLORIDA

DESIGNED FOR:



Department of  
Veterans Affairs

DEPARTMENT OF VETERANS AFFAIRS  
NORTH FLORIDA/SOUTH GEORGIA  
VETERANS HEALTH SYSTEM  
1601 SW ARCHER ROAD  
GAINESVILLE, FLORIDA 32608

DESIGNED BY:



3603 NW 98TH STREET, SUITE B  
GAINESVILLE, FLORIDA 32606  
PH: (352) 474-6124  
FAX: (352) 474-6324  
CERT. OF AUTH: FL #26693  
EXPIRES: 02/28/2015  
AKEA PROJ. NO: 053-13  
VA CONTRACT NO: VA248-13-C-0130  
VA PROJECT NO: 573-13-105

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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



100 PARK AVENUE  
BEAVER DAM, WI 53916  
PH: (920) 887-7375  
FAX: (920) 887-7999

ARCHITECT/ENGINEERS:



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  
TITLE PAGE, LOCATION MAP, AND  
DRAWINGS INDEX

Approved: Project Director

Project Title  
RENOVATIONS TO THE POOL  
MALCOM RANDALL VAMC

Location  
GAINESVILLE, FLORIDA

Date  
JULY 23, 2014

Checked  
SSH

Drawn  
MDT

Project Number  
573-13-105

Building Number  
1

Drawing Number  
G001  
Page 1 of 29

Office of  
Construction  
and Facilities  
Management



Department of  
Veterans Affairs

DEMOLITION NOTES

- THE CONTRACTOR SHALL NOT CONSIDER DEMOLITION AND ALTERATION NOTES TO BE ALL-INCLUSIVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT AND ASSESS EACH AREA AND TO FULFILL THE INTENT OF THE DESIGN INDICATED BY THE CONTRACT DOCUMENTS. REFER TO SPECIFICATION SECTION 01 00 00 - GENERAL REQUIREMENTS AND THE VA MEDICAL CENTER FOR WORK RESTRICTIONS. CONTRACTOR SHALL COORDINATE DEMOLITION DRAWINGS AND NOTES WITH ALL DISCIPLINES INVOLVED. PATCH OR REBUILD ANY AREAS TO REMAIN THAT HAVE BEEN DAMAGED OR DISTURBED BY DEMOLITION.
- REMOVE ALL EXISTING CONSTRUCTIONS AND FINISHES NECESSARY FOR THE COMPLETION OF THE WORK AS DEPICTED ON THE DRAWINGS. INCLUDING BUT NOT LIMITED TO, ITEMS SHOWN ON THE PLANS. NECESSARY DISCONNECTS AND ALTERATIONS TO EXISTING MECHANICAL AND ELECTRICAL SYSTEMS SHALL BE INCLUDED. PATCH AS REQUIRED ALL CONSTRUCTIONS TO REMAIN IN ACCORDANCE WITH THE CONTRACT DRAWINGS. WHERE CONTRACTOR IS DESIGNATED TO MAKE REMOVALS, DISPOSITION OF MATERIALS IS THE RESPONSIBILITY OF THE CONTRACTOR. VERIFY WITH VA MEDICAL CENTER THE DISPOSITION AND REMOVAL OF ANY COMPONENTS OF SALVAGEABLE VALUE.
- THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS WITHIN THE CONTRACT LIMITS AND NOTIFY THE COR IMMEDIATELY IN WRITING OF ANY DEVIATION FROM CONTRACT DOCUMENTS NECESSITATED BY FIELD CONDITIONS OR ITEMS NOT DEPICTED ON THE DRAWINGS.
- ALL REMOVALS AND SALVAGE, UNLESS SPECIFICALLY NOTED OR REQUESTED BY THE VA MEDICAL CENTER, SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- ANY FLOOR OPENINGS SHALL BE PROTECTED AND SECURED DURING DEMOLITION AND CONSTRUCTION.
- ANY EXTERIOR WALL OPENINGS SHALL BE CLOSED IMMEDIATELY OR BE PROVIDED WITH TEMPORARY WEATHER AND SECURITY PROTECTION IN ACCORDANCE WITH SPECIFICATIONS.
- PATCH ALL FINISHES TO MATCH EXISTING, INCLUDING BUT NOT LIMITED TO, GYPSUM BOARD, PLASTER, ACOUSTIC SYSTEMS, WOOD TRIM, COVERS, BASE, PANELS, RAILS AND WAINSCOT. FOR ALL SURFACES SCHEDULED TO REMAIN, PATCH AND MATCH SURFACES DISTURBED BY DEMOLITION OR REMOVAL OF EQUIPMENT OR UTILITIES. INSTALL PATCHING TO MATCH ADJACENT WORK IN FINISH, STRUCTURAL QUALITIES, COURSING OF MASONRY, AND OTHER CHARACTERISTICS. VERIFY MATCH OF NEW FINISH MATERIALS TO EXISTING IN COLOR, TEXTURE, THICKNESS, CUT, ETC... TO SATISFACTION OF VA MEDICAL CENTER PRIOR TO INSTALLATION. PROVIDE OTHER MATERIALS TO MATCH EXISTING WHEN REQUIRED (TO BE APPROVED BY VA MEDICAL CENTER). PATCH EXISTING WALLS GYPSUM DRYWALL OR PLASTER TO MATCH EXISTING OF SUFFICIENT THICKNESS TO MAINTAIN UNIFORM WALL THICKNESS. ALL EXPOSED PORTIONS OF WALL SHALL BE FINISHED WITH THREE (3) COATS OF SPACKLING, SANDED AND LEFT IN A PAINT READY CONDITION. WHERE APPLICABLE, LEVEL ALL EXISTING FLOORS AS REQUIRED TO RECEIVE NEW FLOOR FINISHES. INSTALL REQUIRED TRANSITION PIECES BETWEEN VARIOUS FLOOR FINISHES SUITABLE FOR CONDITIONS, MEETING ADA REQUIREMENTS AND ACCEPTABLE TO THE VA MEDICAL CENTER. MATCH EXISTING WHEREVER POSSIBLE. PATCH SURFACES TO COMPLY WITH FIRE RATINGS, SMOKE-TIGHT RATINGS, ACOUSTICAL CRITERIA AND OTHER PERFORMANCE CRITERIA INDICATED.
- MAINTAIN ACCESS TO EXITS AND EXIT STAIRS AT ALL TIMES. FIRE ALARM AND SMOKE DETECTION SYSTEM SHALL REMAIN OPERATIONAL AT ALL TIMES. PROTECT SMOKE DETECTORS AS REQUIRED AND IN CONFORMANCE WITH CODES AND LOCAL AUTHORITIES HAVING JURISDICTION. REFER TO MEDICAL CENTER CONTRACTOR HANDBOOK FOR WORK RESTRICTIONS.
- ALL DEMOLITION SHALL BE PERFORMED IN A SAFE AND ACCEPTABLE MANNER TO ALL AUTHORITIES HAVING JURISDICTION AND THE VA MEDICAL CENTER. A FIRE WATCH SHALL BE PROVIDED IF ANY HAZARDOUS SITUATIONS ARE THOUGHT TO BE PRESENT OR POSSIBLE. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION FOR POLLUTION CONTROL, THOROUGHLY CLEAN ADJACENT AREAS OF DUST, DIRT AND DEBRIS CAUSED BY DEMOLITION WORK. BEFORE NEW WORK BEGINS, RETURN ADJACENT AREAS TO CONDITION FOUND PRIOR TO START OF DEMOLITION WORK.
- ALL WORK SHALL BE DONE IN PROTECTED SPACE. NO DUST OR DIRT SHALL TRAVEL FROM CONSTRUCTION AREA TO ADJACENT AREAS. TEMPORARY DUST PROTECTION SHALL BE ERECTED PRIOR TO START OF WORK. CONTRACTORS SHALL REVIEW PROVISIONS TO CONTROL AIRBORNE DUST WITH INFECTION CONTROL DIRECTOR, FACILITIES-BUILDING MANAGER AND CONSTRUCTION MANAGER. COORDINATE ADDITIONAL FILTRATION OF EXTERIOR AIR INTAKES TO MECHANICAL SYSTEMS. CONTRACTOR SHALL ASSIGN A PERSON(S) TO CLEAN ALL CONSTRUCTION AND COMMON AREAS, USED BY THE CONTRACTOR AND STAFF, DURING THE THE CONSTRUCTION HOURS.
- PROVIDE TEMPORARY PARTITIONS/DUST PROTECTION (RATED AND/OR NON-RATED) AS REQUIRED. REVIEW LOCATIONS OF TEMPORARY PARTITIONS/DUST PROTECTION WITH VA MEDICAL CENTER AND COR PRIOR TO START OF WORK.
- IF HAZARDOUS MATERIAL IS ENCOUNTERED OR SUSPECTED TO BE PRESENT, CONTRACTOR SHALL STOP WORK AND INFORM VA MEDICAL CENTER IMMEDIATELY IN WRITING OF ANY HAZARDOUS MATERIAL ENCOUNTERED OR THOUGHT TO BE HAZARDOUS MATERIAL. THE VA MEDICAL CENTER, AFTER RECEIVING WRITTEN NOTICE SHALL INSTRUCT CONTRACTOR ON HOW TO PROCEED. THIS INCLUDES, BUT IS NOT LIMITED TO PAINT THAT IS SUSPECT ON PIPING, CONDUIT, DUCTWORK OR ADJACENT SURFACES.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY EMERGENCY EYE WASH STATION AS REQUIRED DURING DEMOLITION.

GENERAL INSTRUCTIONS AND NOTES:

- THIS PROJECT IS A VERY INTENSIVE RENOVATION TO THE VA MEDICAL CENTER POOL, POOL MECHANICAL SYSTEMS AND PIPING, AND MECHANICAL ROOM OF BUILDING 1 OF THE VA MEDICAL CENTER IN GAINESVILLE, FLORIDA. THIS PROJECT WILL HAVE A MINOR IMPACT ON THE OVERALL OPERATION OF THE ENTIRE MEDICAL CENTER; HOWEVER, IT WILL REQUIRE COMPLETE SHUTDOWN OF THE POOL FACILITY.
- THE POOL IS ON AN ELEVATED (FIRST) FLOOR AND THE MECHANICAL ROOM IS LOCATED ON A GROUND LEVEL (BASEMENT) FLOOR. FIELD VISIT BY INTERESTED CONTRACTORS IS "STRONGLY RECOMMENDED" TO BECOME FAMILIAR WITH THE COMPLEXITIES OF THIS PROJECT AND THE NECESSARY CONSTRUCTION CONSTRAINTS.
- THE VAMC'S REVIEW OF THE CONTRACT DOCUMENTS (DRAWINGS, TECHNICAL SPECIFICATIONS, ETC.) IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CRITERIA AND GUIDELINES. THE VAMC IS NOT RESPONSIBLE FOR THE ACCURACY OR ADEQUACY OF THE DESIGN, DIMENSIONS, OR ELEVATIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. THE VAMC, THROUGH THE APPROVAL OF THIS DOCUMENT, ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF THIS DOCUMENT. THE CONTRACTOR IS RESPONSIBLE FOR EXERCISING DUE DILIGENCE IN PROSECUTION AND EXECUTION OF THE WORK DESCRIBED HEREIN.
- THE INFORMATION PERTAINING TO THE EXISTING UTILITIES ARE APPROXIMATE AND ARE PROVIDED FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL VISUALLY FIELD VERIFY THE EXACT SIZES AND LOCATIONS. THE GENERAL LOCATIONS OF KNOWN UTILITIES ARE SHOWN OR IDENTIFIED HEREIN AND REFLECT THE VAMC'S BEST RECORDS AND ON-SITE INVESTIGATION. THE VAMC MAKES NO EXPRESSED OR IMPLIED GUARANTEE OF ACCURACY OR THAT OTHER UTILITIES ARE NOT LOCATED IN THE CONSTRUCTION VICINITY. FURTHERMORE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY UTILITIES DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION AT NO EXPENSE TO THE VAMC.
- IT IS ANTICIPATED THAT ANY CRITICAL WORK (SHUTDOWNS, ETC.) WILL BE DONE DURING OFF HOURS (NIGHTS, WEEK-ENDS, HOLIDAYS, ETC.) AND INTERESTED CONTRACTORS SHOULD PLAN ACCORDINGLY. A TWO (2) WEEK ADVANCE NOTIFICATION IS REQUIRED. A SECOND NOTICE SHALL BE GIVEN FOUR (4) BUSINESS DAYS PRIOR TO THE SHUTDOWN. INTENSIVE PLANNING IS REQUIRED TO ALLOW SCHEDULED WORK TO BE ACCOMPLISHED DURING SCHEDULED SHUTDOWN PERIODS.
- A PRE-CONSTRUCTION MEETING SHALL BE HELD AT A TIME AND LOCATION DESIGNATED BY CONTRACTING OFFICER'S REPRESENTATIVE (COR).
- CONTRACTOR SHALL NOT PROCEED WITH WORK UNTIL CONSTRUCTION PERMIT IS APPROVED AND SIGNED.
- ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE COR. THE COR RESERVES THE RIGHT TO ACCEPT OR REJECT ANY MATERIALS AND WORKMANSHIP THAT DO NOT CONFORM TO THE VAMC CONTRACT DOCUMENTS (INCLUDED BUT NOT LIMITED TO THE CODES/STANDARDS RELATED TO THE VA AND OTHERS, DRAWINGS, AND TECHNICAL SPECIFICATIONS).
- THIS PROJECT INVOLVES WORK ABOVE EXISTING AND NEW MECHANICAL EQUIPMENT. WORK SHALL BE PLANNED SUCH THAT THERE IS NO CLIMBING OR STANDING ON MECHANICAL EQUIPMENT. FURNISH AND INSTALL TEMPORARY SCAFFOLDING AS REQUIRED. ANY WORK ABOVE OR AT THE TOP OF EQUIPMENT SHALL BE PERFORMED IN A MANNER THAT PREVENTS DEBRIS AND DROPPED PARTS FROM ENTERING THE EQUIPMENT. PROVIDE TEMPORARY PROTECTION FOR EQUIPMENT AS REQUIRED, HOWEVER DO NOT BLOCK EQUIPMENT VENTILATION OPENINGS.
- PRIOR TO LAYOUT AND INSTALLATION OF NEW PIPING AND CONDUIT REQUIRING NEW PENETRATIONS OF EXISTING CONCRETE FLOOR SLABS, THE CONTRACTOR SHALL SUBMIT TO THE COR THE TESTING AND INVESTIGATION SERVICE (TIS) WHICH WILL BE USED TO LOCATE THE EXISTING SLAB REINFORCEMENT FOR APPROVAL. THE TIS SHALL HAVE A MINIMUM OF 5 YEARS OF EXPERIENCE IN THE USE OF X-RAY AND GROUND PENETRATING RADAR (GPR). THE CONTRACTOR SHALL SUBMIT THE INVESTIGATIVE TESTING SERVICES WORK PLAN AND SCHEDULE FOR APPROVAL. THE TIS SHALL USE X-RAY, GPR OR OTHER SUITABLE NON-DESTRUCTIVE TESTING METHODOLOGY TO ACCURATELY IDENTIFY THE SLAB REINFORCING, FROM WHICH ADJUSTMENTS TO THE PENETRATIONS WILL BE MADE SO AS NOT TO COMPROMISE THE STRUCTURAL INTEGRITY OF THE EXISTING CONCRETE FLOOR SLABS. THE X-RAY OR GPR SHALL BE A CONTINUOUS 3-D GRID PROCESS (SCANNING GRID OF 2" ON CENTER) FOR AN AREA OF 24" BEYOND THE PROPOSED PIPE PENETRATION IN ALL DIRECTIONS. THE IDENTIFIED X-RAY OR GPR OF THE REINFORCING SHALL BE IDENTIFIED BY PIPE TYPE AND COLUMN GRID LINE DESIGNATION. THE AREA SHALL BE SURVEYED, MAPPED AND SUBMITTED TO THE COR FOR RECORD PURPOSES. THE REINFORCING SHALL BE MARKED ON THE CONCRETE SLAB AND USE DIFFERING COLORS FOR THE IDENTIFICATION OF TOP AND BOTTOM REINFORCING. THE CONTRACTOR SHALL GIVE THE COR 72 HOURS NOTICE PRIOR TO ANY INVESTIGATIVE TESTING WORK.
- THE CONTRACTOR SHALL NOT OPERATE ANY EXISTING EQUIPMENT INCLUDING, BUT NOT LIMITED TO FIRE-HYDRANTS, VALVES, PUMPS, ETC., WITHOUT AUTHORIZATION FROM THE VAMC ENGINEERING SERVICE, UNLESS AN EMERGENCY SITUATION EXISTS. IN GENERAL, THE OPERATING STAFF OF THE VAMC ENGINEERING SERVICE WILL OPERATE ANY EXISTING EQUIPMENT (VALVES, PUMPS, ETC) WHICH THE CONTRACTOR MAY REQUIRE.
- ALL NECESSARY BARRICADES, TEMPORARY CONCRETE BARRIERS, TEMPORARY FENCES, LIGHTING, SIGNS & OTHER CONTROL MEASURES AS MAY BE NECESSARY FOR PROTECTION AND SAFETY OF THE GENERAL PUBLIC SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR THROUGHOUT THE CONSTRUCTION PERIOD, ITEMS SHALL BE REMOVED WHEN WORK IS COMPLETED IN THE AREA AFFECTED.
- AT THE END OF THE DAY AND DURING TIMES WHEN THE CONTRACTOR IS NOT ON THE SITE, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL EQUIPMENT SHALL BE LOCKED.
- ALL TRASH AND DEBRIS WITHIN THE LIMITS-OF-CONSTRUCTION SHALL BE DISPOSED OF APPROPRIATELY. HOUSEKEEPING ACTIVITIES SHOULD BE CONDUCTED CONTINUOUSLY TO ENSURE A CLEAN AND SAFE WORKING ENVIRONMENT. THE CONTRACTOR SHALL COORDINATE THE HAUL ROUTE WITHIN THE VAMC. THE CONTRACTOR IS RESPONSIBLE FOR ALL HAUL ROUTES BEYOND THE LIMITS OF THE VAMC PROPERTY. DISPOSAL OF ASPHALTIC DEBRIS SHALL BE CLASSIFIED AS HAZARDOUS MATERIAL AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HANDLE APPROPRIATELY (INCLUDING THE EXECUTION OF UNIFORM HAZARDOUS WASTE MANIFEST EPA FORM 8700-22) AT NO ADDITIONAL COST TO THE VAMC.
- CONSTRUCTION WORK NEAR EXISTING BUILDINGS OR OTHER STRUCTURES SHALL BE PERFORMED IN SUCH A MANNER THAT NO DAMAGE SHALL OCCUR TO THESE STRUCTURES DURING OR AFTER CONSTRUCTION. CONTRACTOR SHALL BE FINANCIALLY LIABLE FOR DAMAGE TO ANY EXISTING STRUCTURE RESULTING FROM CONTRACTOR'S OPERATIONS. THE VAMC AND THE CONTRACTOR PRIOR TO CONSTRUCTION SHALL INSPECT EXISTING BUILDINGS AND OTHER STRUCTURES WITHIN CLOSE PROXIMITY TO THE LIMITS OF CONSTRUCTION ASSOCIATED WITH THIS PROJECT FOR ALL EXISTING STRUCTURAL DAMAGE WHICH COULD BE CONSIDERED AS DAMAGE CAUSED BY THE CONTRACTOR'S OPERATIONS. ONE COPY OF ALL PRE-CONSTRUCTION INSPECTION DOCUMENTS SHALL BE PROVIDED TO THE CONTRACTING OFFICER. CONTRACTOR SHALL REFER TO CONTRACT DOCUMENTS FOR CONTRACTOR INSPECTION DOCUMENTATION REQUIREMENTS.
- IF AN OBSTRUCTION SHOULD BE ENCOUNTERED THAT REQUIRES A DEVIATION FROM THE ORIGINAL PLANS, THE CONTRACTOR SHALL CONTACT THE COR AND ENGINEER FOR GUIDANCE.
- PRINTED DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALES SHOWN ON CONSTRUCTION DOCUMENTS. THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE DOES NOT WARRANT THE ACCURACY OF SCALED DIMENSIONS.
- OMISSIONS IN AND CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER AND COR. CONFLICTS SHALL BE RESOLVED BY THE SAME BEFORE PROCEEDING WITH ANY WORK INVOLVED.
- REQUESTS FOR SUBSTITUTIONS SHALL BE SUBMITTED IN WRITING TO THE COR AND ENGINEER PER SPECIFICATIONS. SUBSTITUTIONS ARE NOT ALLOWED UNLESS APPROVED IN WRITING.
- THE CONTRACTOR SHALL BECOME FAMILIAR WITH ALL PORTIONS OF THE CONSTRUCTION DOCUMENTS AND SHALL ENSURE THAT ALL SUBCONTRACTORS ARE FAMILIAR WITH THOSE PORTIONS PERTAINING TO THEIR AREA OF WORK. THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS, DIMENSIONS, ELEVATIONS, COORDINATE ALL DOORS, WINDOWS, NON-BEARING INTERIOR AND EXTERIOR WALLS, ELEVATIONS, SLOPES, STAIRS, CURBS, DRAINS, RECESSES, DEPRESSIONS, RAILINGS, WATERPROOFING, FINISHES, CHAMFER, KERFS, AND SO FORTH, AND IMMEDIATELY NOTIFY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE REGARDING ACTUAL CONDITIONS WHICH ARE NOT IN AGREEMENT WITH THE CONSTRUCTION DOCUMENTS.

GENERAL CONSTRUCTION SEQUENCE  
(TO BE MUTUALLY AGREEABLE TO CONTRACTOR AND COR)

THE DESIGN INTENT IS FOR ALL ACTIVITIES TO BE COMPLETED CONCURRENTLY. THE POOL WILL NOT BE PLACED BACK INTO SERVICE UNTIL ALL ACTIVITIES ARE COMPLETE AND EQUIPMENT TESTED. IN THE EVENT THAT ALL ACTIVITIES ARE NOT COMPLETED CONCURRENTLY AND DIVIDED INTO PHASES, SUCH AS THE PIPING REPLACEMENT COMPLETED SEPARATE FROM THE MECHANICAL ROOM EQUIPMENT REPLACEMENT, THE CONTRACTOR SHALL SUBMIT A SEQUENCE AND PHASING PLAN DENOTING WHAT ITEMS ARE TO BE COMPLETED IN EACH PHASE AND WHAT ITEM IS NEXT IN THE SEQUENCE TO BE DONE BY OTHERS. IF REQUIRED, THE SEQUENCE AND PHASING PLAN SHALL BE SUBMITTED TO THE VA ENGINEERING STAFF FOR APPROVAL PRIOR TO WORK STARTING.

CONSTRUCTION BID ALTERNATES




(BASE BID INCLUDES ALL ITEMS UNLESS SPECIFICALLY DENOTES AS AN ALTERNATE)

BASE BID INCLUDES ALL MECHANICAL AND ASSOCIATED INSTALLATION COMPONENTS AS SHOWN ON THE CONTRACT DOCUMENTS WITH ALL NECESSARY REMOVAL OF EXISTING SYSTEMS AND INSTALLATION OF NEW SYSTEMS. ESTIMATED COMPLETION TIME 150 DAYS.

BID DEDUCTIVE ALTERNATE #1 - CONTRACTOR SHALL INCLUDE THE BASE BID EXCEPT DEDUCT THE REDUNDANT HEAT EXCHANGER, REDUNDANT PUMP, AND REDUNDANT STRAINER. ESTIMATED COMPLETION TIME 145 DAYS.

BID DEDUCTIVE ALTERNATE #2 - CONTRACTOR SHALL INCLUDE THE BASE BID EXCEPT DEDUCT THE REDUNDANT HEAT EXCHANGER, REDUNDANT PUMP, AND REDUNDANT STRAINER. ALSO, DEDUCT THE STRUCTURAL GROUT INJECTIONS. ESTIMATED COMPLETION TIME 120 DAYS.

FINAL DESIGN SUBMITTAL  
APPROVED FOR CONSTRUCTION

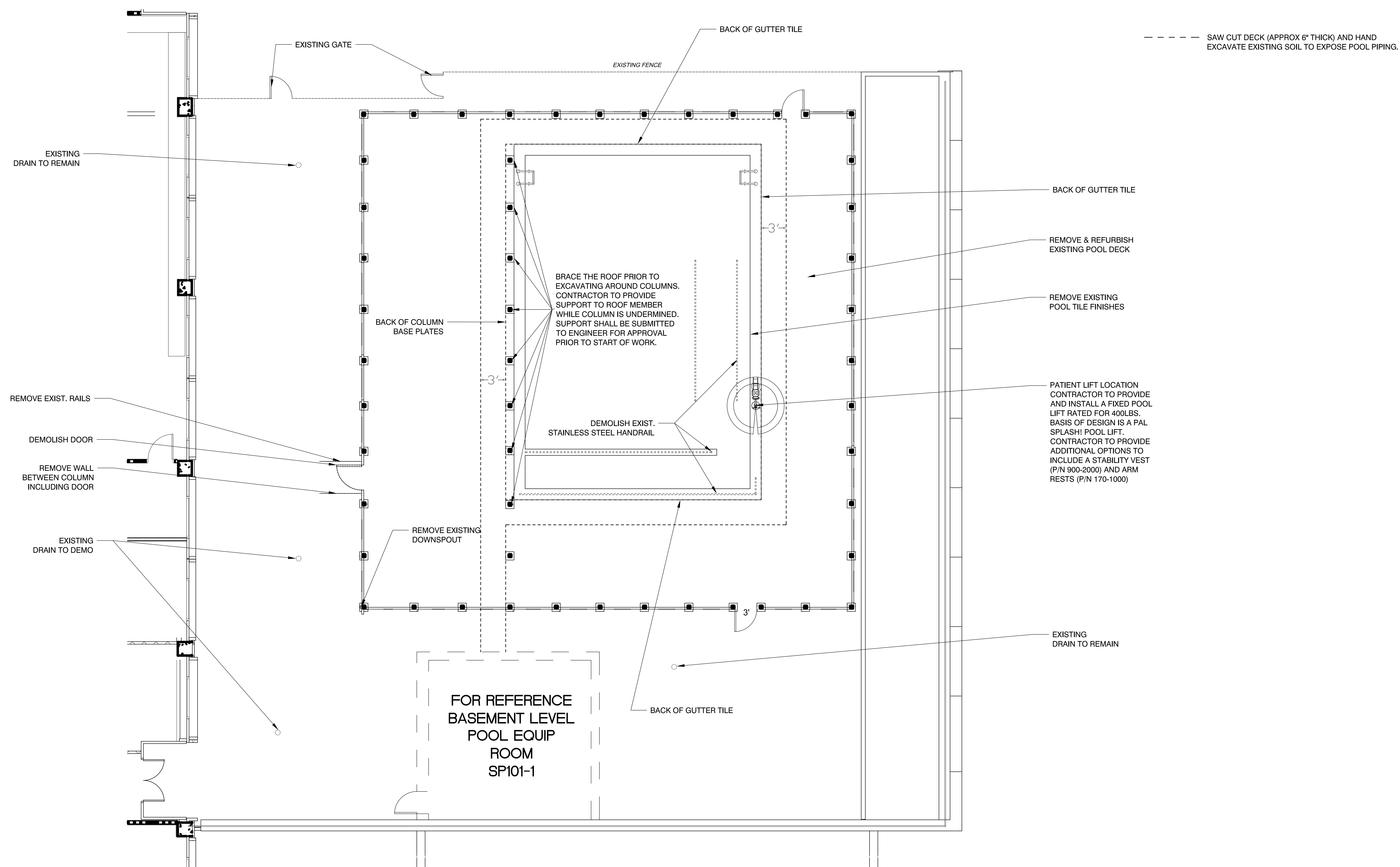
<b>CONSULTANTS:</b>  2300 MAITLAND CENTER PARKWAY, SUITE 210 MAITLAND, FL 32751 PH: (407) 659-0553 FAX (407) 659-0609 WWW.GRAEF-USA.COM CERT # 4270		<b>ARCHITECT/ENGINEERS:</b>  3603 NW 98TH ST, SUITE B GAINESVILLE, FLORIDA 32606 PH: (352) 474-6124 FAX: (352) 474-6324 CERT. OF AUTH: FL #26693 EXPIRES: 02/28/2015 AKEA PROJECT NO: 053-13		<b>Drawing Title</b> DEMOLITION NOTES, GENERAL INSTRUCTIONS AND NOTES, AND GENERAL CONSTRUCTION SEQUENCE <b>Approved:</b> Project Director		<b>Project Title</b> RENOVATIONS TO THE POOL MALCOLM RANDALL VAMC		<b>Project Number</b> 573-13-105 <b>Building Number</b> 1		<b>Office of Construction and Facilities Management</b> 					
<b>Revisions:</b>		<b>SEAL</b>		<b>Location</b> GAINESVILLE, FLORIDA		<b>Drawing Number</b> G002		Date JULY 23, 2014		Checked SSH		Drawn MDT		Page 2 of 29	





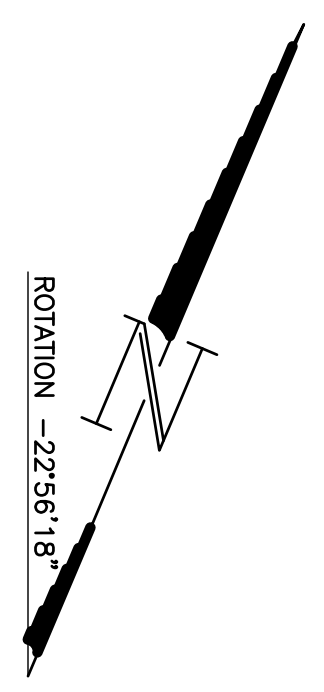


A  
three inches = one foot  
B  
one and one half inches = one foot  
C  
one inch = one foot  
D  
three quarters inch = one foot  
E  
one half inch = one foot  
F  
three eighths inch = one foot  
G  
one quarter inch = one foot  
H  
one eighth inch = one foot






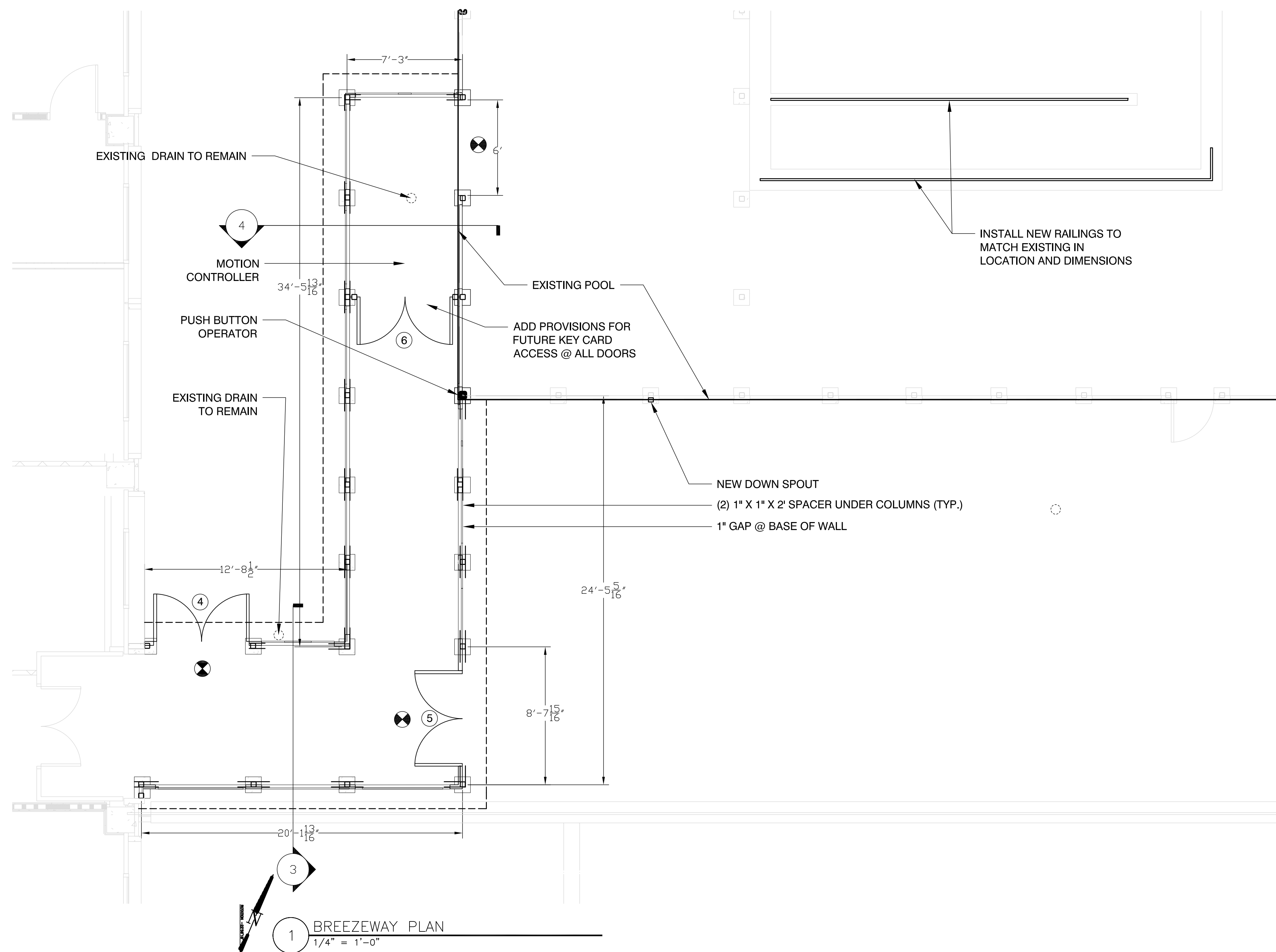
1 FIRST FLOOR LEVEL PLAN  
3/16" = 1'-0"

0 2'-8" 5'-4" 10'-8"  
SCALE: 3/16" = 1'-0"

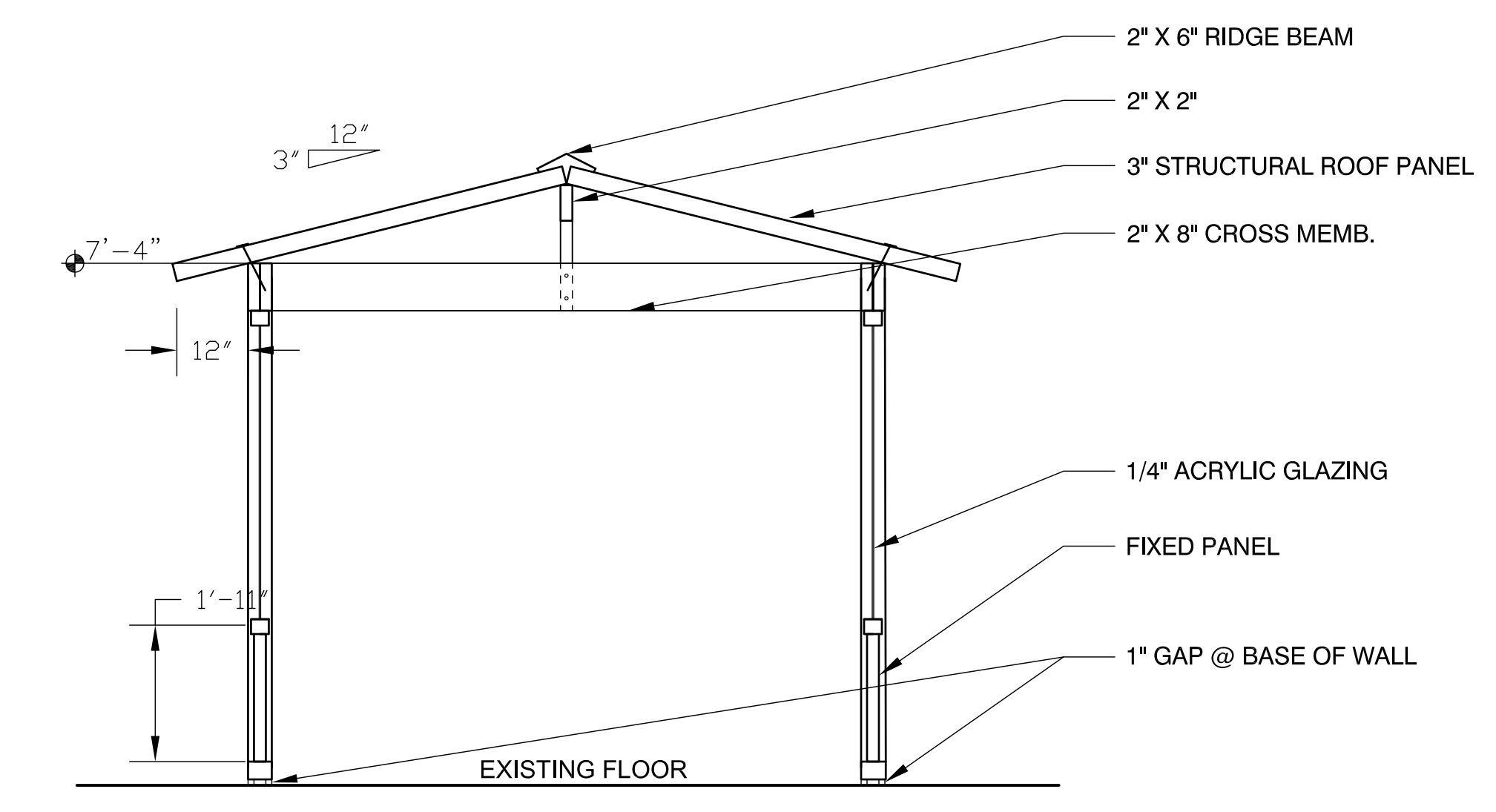


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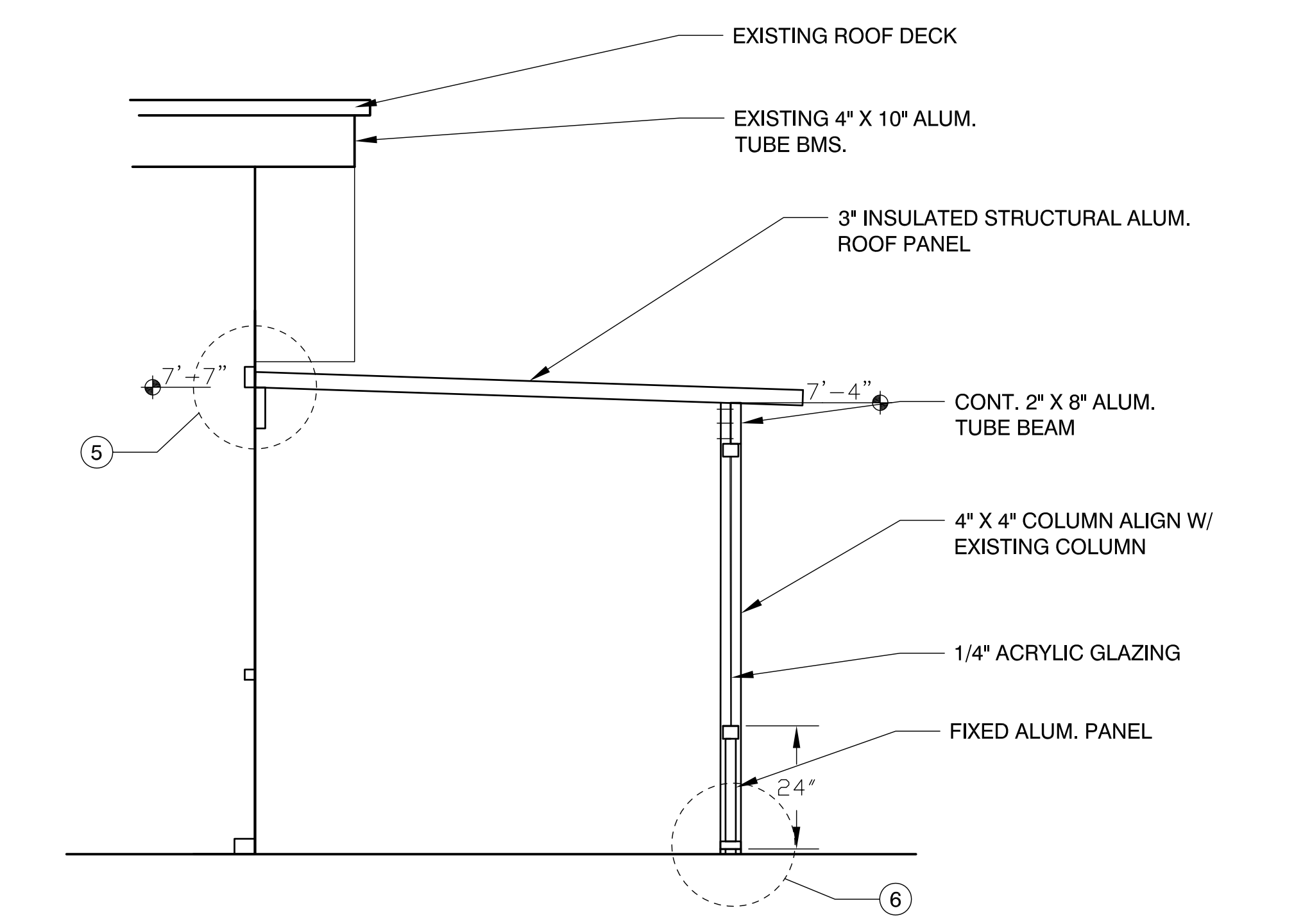
<b>CONSULTANTS:</b>  2300 MAITLAND CENTER PARKWAY, SUITE 210 MAITLAND, FL 32751 PH: (407) 659-0553 FAX (407) 659-0609 WWW.GRAEF-USA.COM CERT # 4270		WTI WATER TECHNOLOGY INC. 100 PARK AVENUE BEAVER DAM, WI 53916 PH: (920) 887-7375 FAX: (920) 887-7999		Prige, L. Poole Florida Reg. #00005269 <b>ARCHITECT/ENGINEERS:</b>  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 <b>FIRST FLOOR LEVEL - POOL AND POOL ENCLOSURE DEMO</b>		Project Title RENOVATIONS TO THE POOL MALCOM RANDALL VAMC		Project Number 573-13-105 Building Number 1		Office of Construction and Facilities Management 	
Approved: Project Director		Location GAINESVILLE, FLORIDA		Date JULY 23, 2014		Checked PLP		Drawn CLN		Drawing Number <b>A200</b> Page 6 of 29			



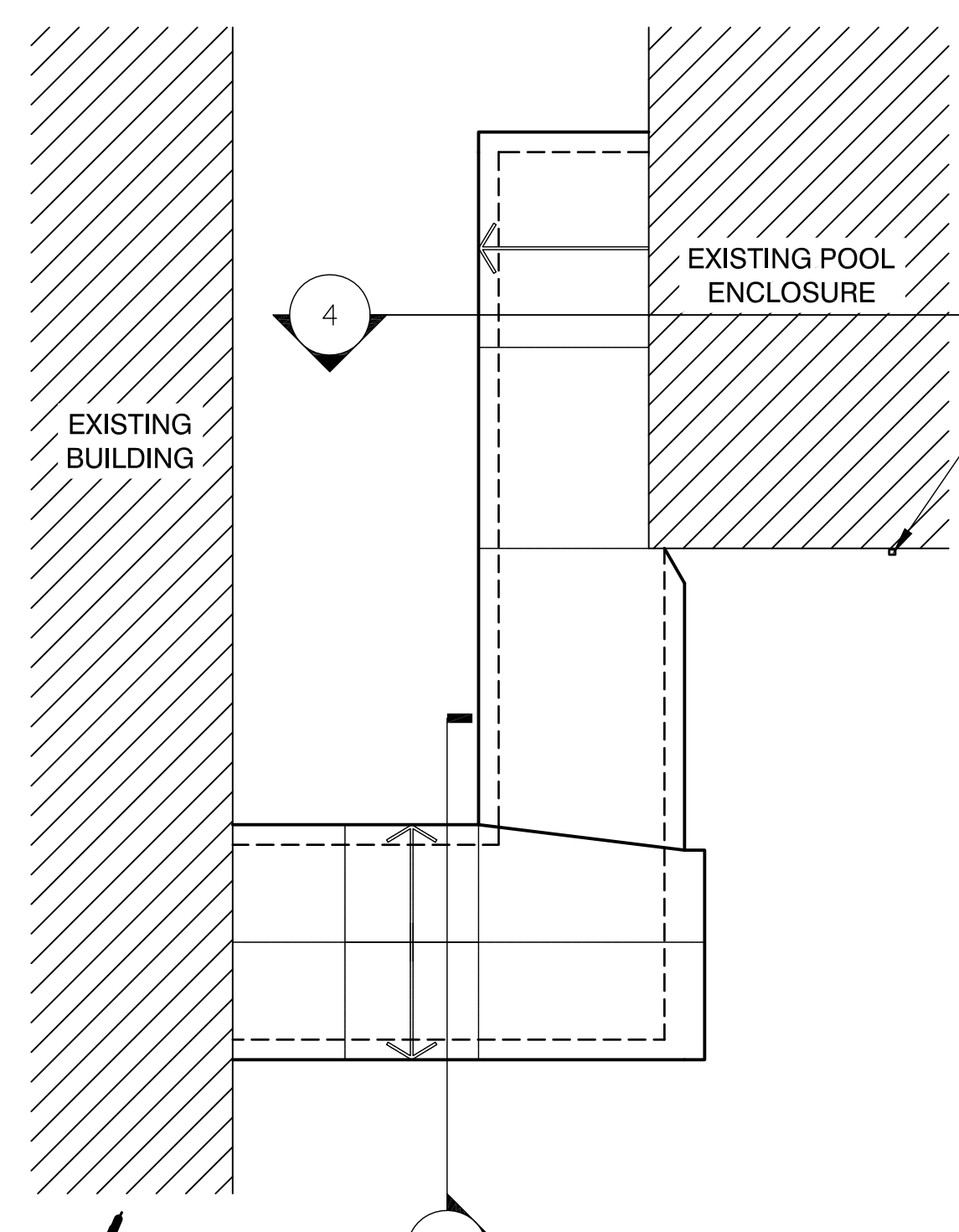
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1/4" = 1'-0"



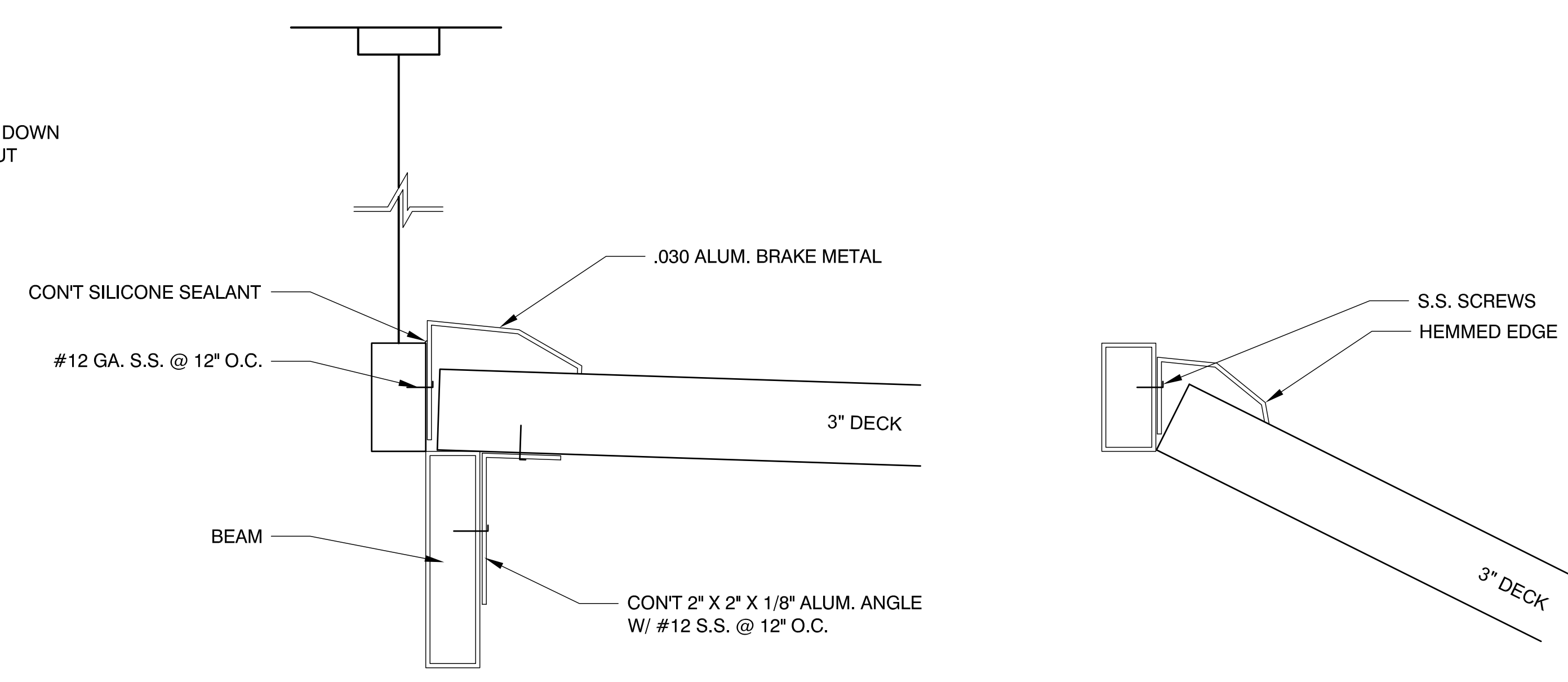
3 BREEZEWAY SECTION 1  
1/2" = 1'-0"



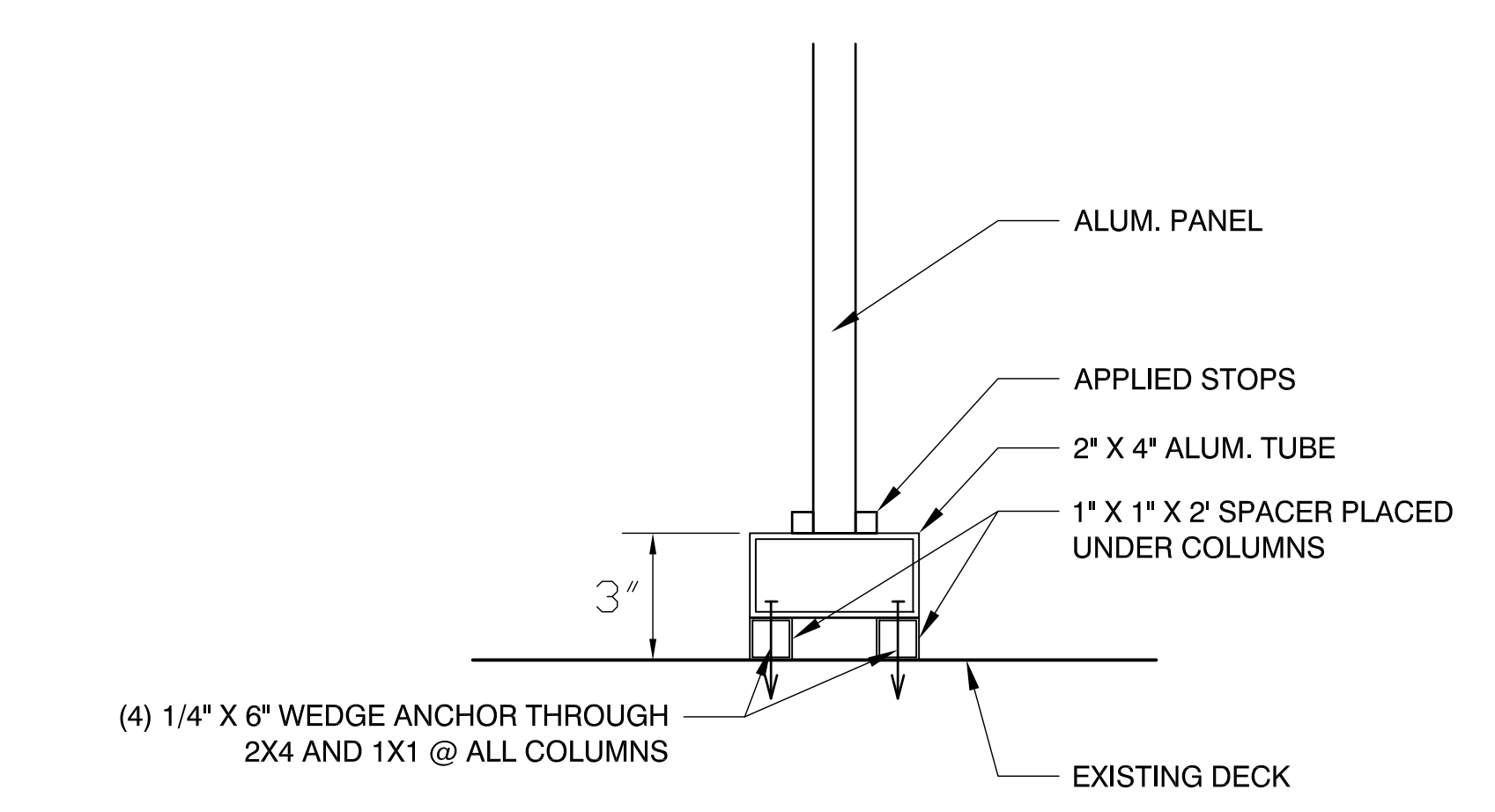
4 BREEZEWAY SECTION  
1/2" = 1'-0"



2 BREEZEWAY ROOF PLAN  
1/8" = 1'-0"






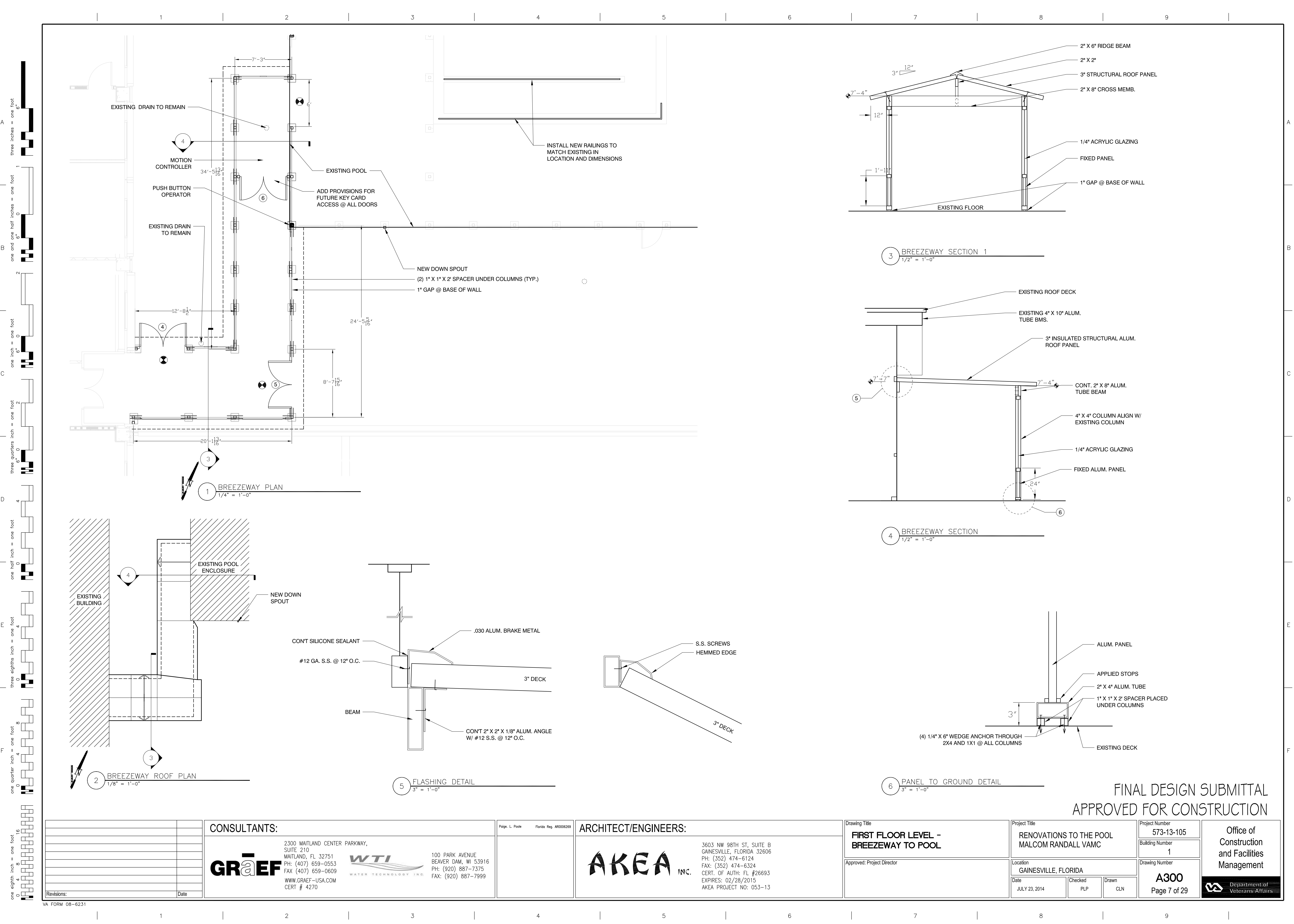
5 FLASHING DETAIL  
3" = 1'-0"



6 PANEL TO GROUND DETAIL  
3" = 1'-0"

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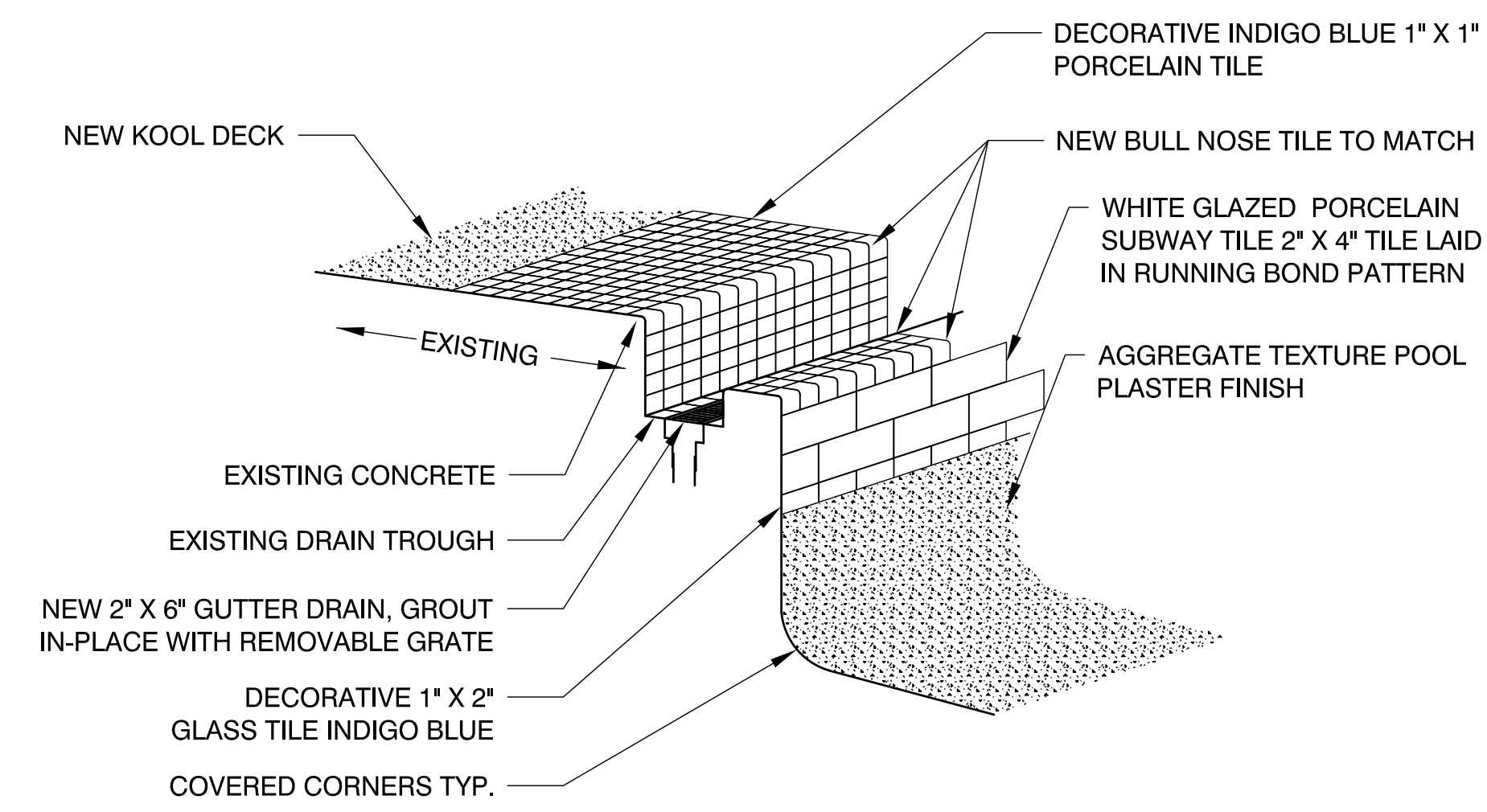
<b>CONSULTANTS:</b>  2300 MAITLAND CENTER PARKWAY, SUITE 210 MAITLAND, FL 32751 PH: (407) 659-0553 FAX (407) 659-0609 WWW.GRAEF-USA.COM CERT # 4270		 100 PARK AVENUE BEAVER DAM, WI 53916 PH: (920) 887-7375 FAX: (920) 887-7999		<b>ARCHITECT/ENGINEERS:</b>  3603 NW 98TH ST, SUITE B GAINESVILLE, FLORIDA 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 <b>FIRST FLOOR LEVEL -          BREEZEWAY TO POOL</b>		Project Title <b>RENOVATIONS TO THE POOL          MALCOM RANDALL VAMC</b>		Project Number <b>573-13-105</b>		Office of Construction and Facilities Management	
Revisions: _____ Date _____						Approved: Project Director		Location <b>GAINESVILLE, FLORIDA</b>		Building Number <b>1</b>		Drawing Number <b>A300</b>	
						Date JULY 23, 2014		Checked PLP		Drawn CLN		Page 7 of 29	



SCHEDULE FOR FINISHES

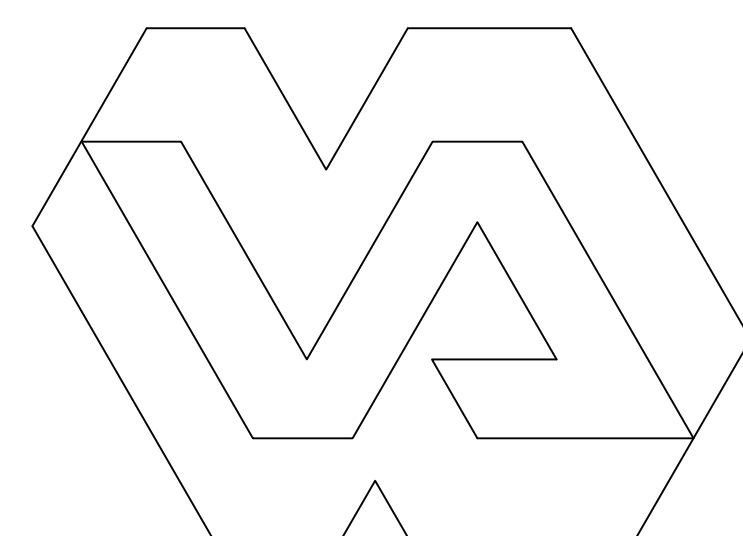
POOL:

1. RE-COAT POOL DECK W/ KOOL DECK MIN. 1/2" THICK. INSTALL PRIOR TO TILE INSTALLATION TO ENSURE PROPER TIE-IN. FLOAT EDGE TILE AS NECESSARY TO TIE-IN TO NEW KOOL DECK OVERLAY.
2. REPLACE POOL FINISHES - SEE DETAIL 1/A 301



NOTE: ALL GROUT TO BE SNOW WHITE EPOXY GROUT, THIN SET TO BE MODIFIED W/ EPOXY MORTAR ADDITIVE  
 COLORS TO BE SELECTED BY CLIENT

1 POOL DETAIL BASE BID  
 NO SCALE



2 POOL DECAL  
 NO SCALE

NOTE: CONTRACTOR SHALL PROVIDE A HIGH PERFORMANCE VINYL DECAL WITH THE VA LOGO MEASURING A MINIMUM OF 8' X 8'. MUST BE SUITED FOR THE UNDERWATER POOL ENVIRONMENT.  
 LOGO SHALL BE SUBMITTED TO VA VSN 8 ARCHITECTURAL REVIEW COMMITTEE FOR APPROVAL PRIOR TO INSTALLATION.

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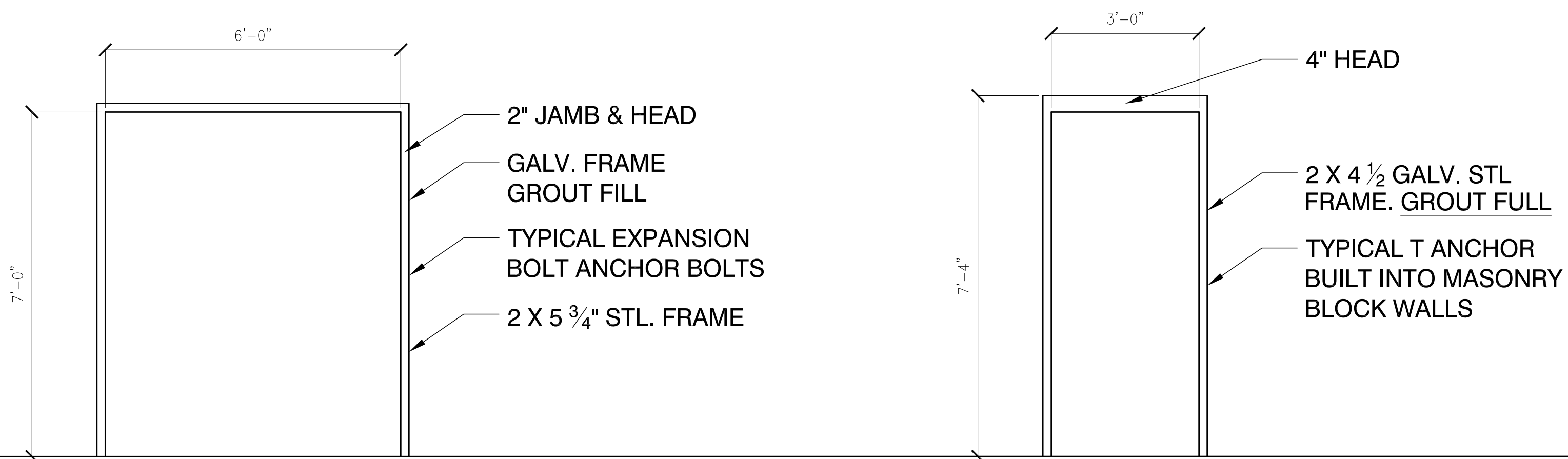
	<p><b>CONSULTANTS:</b></p> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p><b>GRAEF</b></p> <p>2300 MAITLAND CENTER PARKWAY,              SUITE 210              MAITLAND, FL 32751              PH: (407) 659-0553              FAX (407) 659-0609              WWW.GRAEF-USA.COM              CERT # 4270</p> </div> <div style="text-align: center;"> <p><b>WTI</b></p> <p>WATER TECHNOLOGY INC.</p> </div> <div style="text-align: center;"> <p>100 PARK AVENUE              BEAVER DAM, WI 53916              PH: (920) 887-7375              FAX: (920) 887-7999</p> </div> </div>	<p>Paige L. Poole Florida Reg. #00005269</p>	<p><b>ARCHITECT/ENGINEERS:</b></p> <div style="text-align: center;"> <p><b>AKEA INC.</b></p> <p>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</p> </div>	<p>Drawing Title</p> <p><b>FIRST FLOOR LEVEL - POOL DETAILS</b></p> <p>Approved: Project Director</p>	<p>Project Title</p> <p>RENOVATIONS TO THE POOL              MALCOM RANDALL VAMC</p> <p>Location</p> <p>GAINESVILLE, FLORIDA</p>	<p>Project Number</p> <p>573-13-105</p> <p>Building Number</p> <p>1</p> <p>Drawing Number</p> <p><b>A301</b></p> <p>Page 8 of 29</p>	<p>Office of              Construction              and Facilities              Management</p> <p> Department of              Veterans Affairs</p>
Revisions:	Date:						



HARDWARE SCHEDULE

HW - 1	DOOR #1				
	3 Pr. Butts	4 1/2" x 4 1/2" NRP	630	CB1961R	US32D
	1 Lock Set	Lever Handle	630	F86	US32D
	1 Set	Manual Flush Bolts			US32D
	2	Overhead Door Stop		C01541 Adjustable	
	1 Astregal. Alum.	Full Height			
	1 Threshold	Bumper Style	FW + 4"		
	1 Set	Door Silencers			
HW - 2	DOOR #2 & #3				
	1 1/2 Pr. Butts	4 1/2" x 4 1/2" NRP	630	CB1961R	US32D
	1 Lock Set	Lever Handle	630	F86	US32D
	1 Set	Door Silencers			US32D
	1 Door Stop	Floor Mounted			
HW - 3	DOOR #4				
	3 Pr. Butts	4 1/2" x 4 1/2" NRP	630	CB1961R	US32D
	2 Door Closers	Surface Mount		C02011/C02021	US32D
	2 Panic Bars	Concealed Rod Type	Exterior Lever Handle		US32D
	1 Threshold	Saddle Style	DW + 4"	Alum.	
HW - 4	DOOR #5 & #6				
	3 Pr. Butts	4 1/2" x 4 1/2" NRP	630	CB1961R	US32D
	2 Closers	Surface Mount	Besam.	Electromagnetic	
		Exterior: Push Button	Interior: Motion Sensor		
	1 Set	Flush Bolts			US32D
	2 Sets	Pull Plates			US32D
	2 Sets	Pulls			US32D
	1	Threshold	Saddle Type	DW + 4"	Alum.

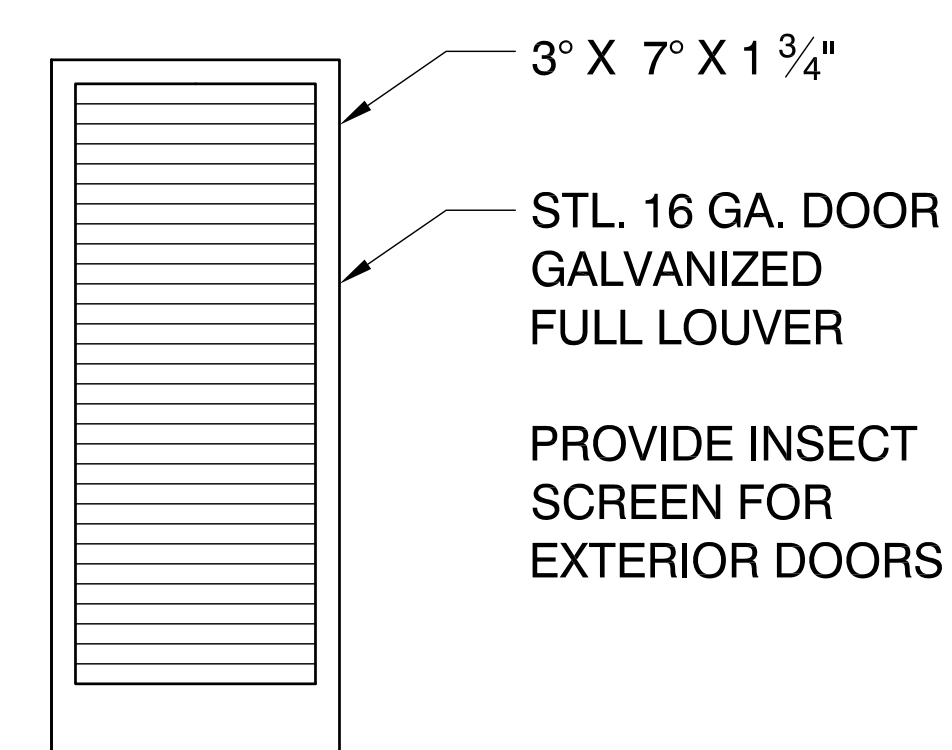
FRAME TYPES



F-1 : DOOR 1

F-2 : DOOR 2 & 3

DOOR TYPES



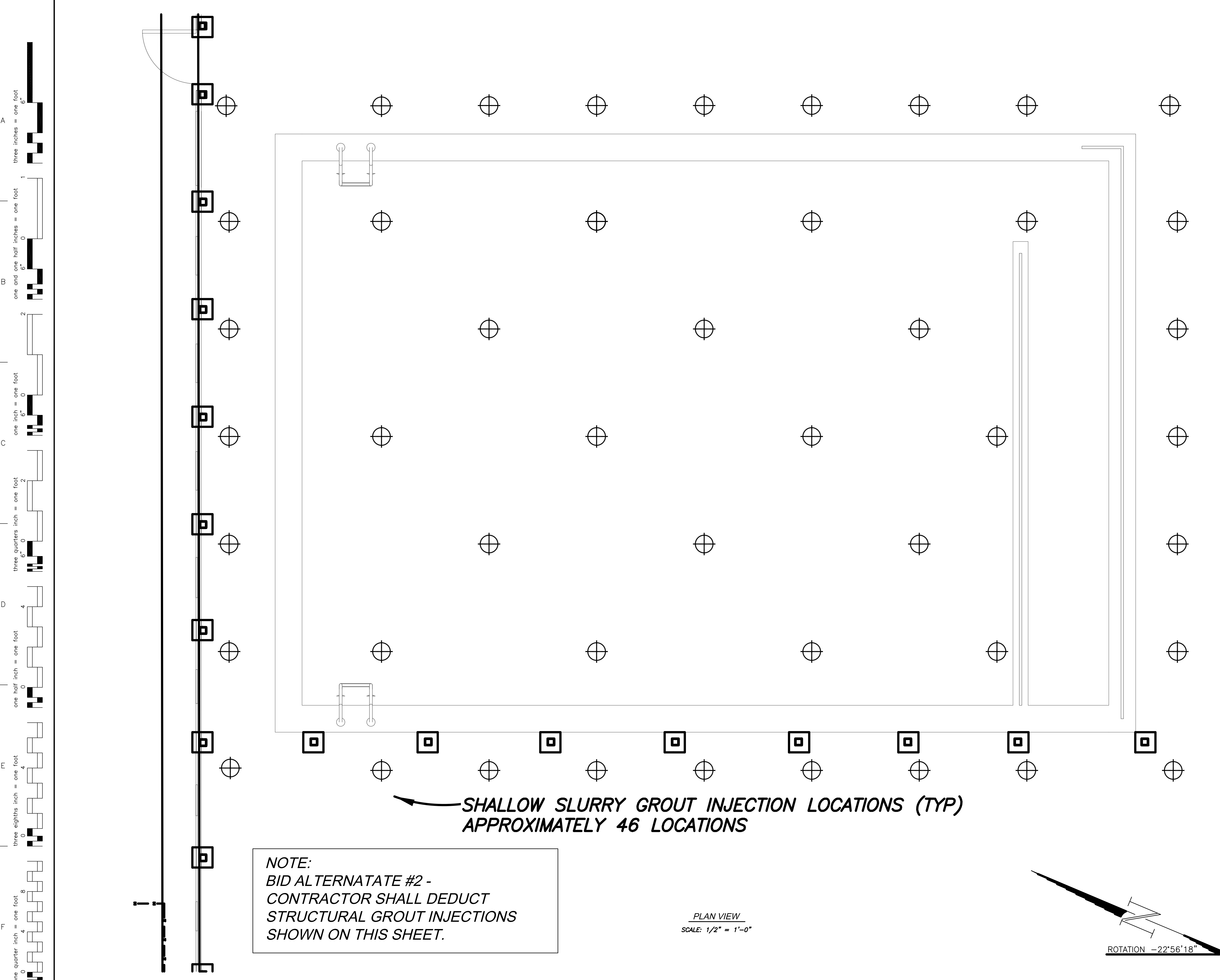
(A)

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Revisions: _____ Date _____ VA FORM 08-6231	<b>CONSULTANTS:</b> <b>GRAEF</b> 2300 MAITLAND CENTER PARKWAY, SUITE 210 MAITLAND, FL 32751 PH: (407) 659-0553 FAX (407) 659-0609 WWW.GRAEF-USA.COM CERT # 4270	Prige, L. Poole Florida Reg. #00005289 <b>ARCHITECT/ENGINEERS:</b> <b>AKEA INC.</b> 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 <b>DOOR &amp; FRAME SCHEDULE</b>	Project Title <b>RENOVATIONS TO THE POOL MALCOM RANDALL VAMC</b>	Project Number <b>573-13-105</b>	Office of Construction and Facilities Management 
	Location <b>GAINESVILLE, FLORIDA</b>	Building Number <b>1</b>	Drawing Number <b>A400</b>	Date JULY 23, 2014	Checked PLP	

GEOTECHNICAL IMPROVEMENTS

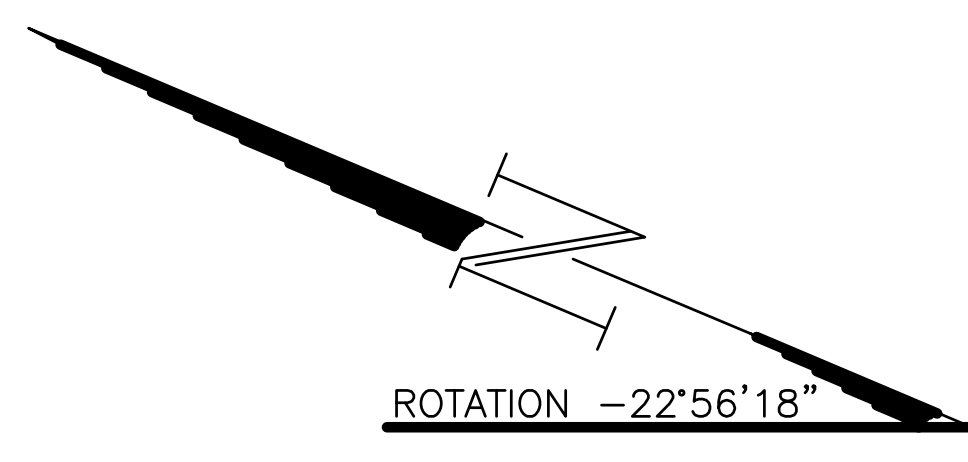
- REFER TO "SUMMARY REPORT OF A LIMITED SUBSURFACE EXPLORATION, VA MEDICAL CENTER THERAPY POOL RENOVATION, VETERANS ADMINISTRATION MEDICAL CENTER, GAINESVILLE, ALACHUA COUNTY, FLORIDA, GSE PROJECT NO. 11828. MAY 24, 2013
- REFER TO "SUMMARY REPORT OF SUPPLEMENTAL RECOMMENDATIONS, VA MEDICAL CENTER THERAPY POOL RENOVATION, VETERANS ADMINISTRATION MEDICAL CENTER, GAINESVILLE, ALACHUA COUNTY, FLORIDA, GSE PROJECT NO. 11828A. JULY 25, 2013
- THIS DRAWING AND THE SUMMARY REPORTS ABOVE IN PARAGRAPHS #1 AND #2 INDICATE LOCATIONS WHERE THE SUBGRADE SOILS BENEATH THE POOL AND ASSOCIATED POOL DECK (WITHIN APPROXIMATELY 5 FEET OF THE PERIMETER OF THE POOL AND BENEATH THE POOL FOOTPRINT) BE STABILIZED USING SLURRY GROUT INJECTION METHODS TO BRIDGE UNSUITABLE MATERIALS ENCOUNTERED BENEATH THE POOL SLAB.
- RECOMMEND APPROXIMATELY 28 SHALLOW SLURRY GROUT INJECTION LOCATIONS BE INSTALLED APPROXIMATELY 6 FEET ON CENTER AROUND THE PERIMETER OF THE POOL DECK AND 18 WITHIN THE POOL SHELL AS SHOWN. THE PERIMETER INJECTION POINTS SHOULD BE LOCATED APPROXIMATELY 2 FEET FROM THE PERIMETER OF THE POOL AND INSTALLED VERTICALLY. THE INJECTION POINTS SHOULD BE A MAXIMUM OF 1.5 INCHES IN DIAMETER, INSTALLED TO A DEPTH OF 10 FEET BELOW LAND SURFACE. GROUT INJECTIONS INSTALLED WITHIN AND PENETRATING THE POOL SHELL SHOULD BE INSTALLED VERTICALLY TO A DEPTH EQUAL TO 10 FEET BELOW THE ADJACENT POOL DECK (I.E., ESTIMATED MAXIMUM DEPTH OF 6.5 FEET BELOW THE POOL SHELL).
- ONCE THE POOL HAS BEEN DRAINED, ADDITIONAL AUGER BORINGS MAY BE CONDUCTED WITHIN THE POOL SHELL TO FURTHER EVALUATE SUBSURFACE SOIL CONDITIONS BENEATH THE POOL SHELL. DEPENDING ON THE SUBSURFACE CONDITIONS ENCOUNTERED, THE INTERIOR GROUT INJECTION PROGRAM MAY BE MODIFIED OR POSSIBLY ELIMINATED (ASSUMING SUITABLE MATERIALS ARE ENCOUNTERED). THE RECOMMENDATIONS IN PARAGRAPH #4 HAVE BEEN GENERATED CONSIDERING THE ANTICIPATED WORST CASE SCENARIO OF UNSUITABLE MATERIALS ENCOUNTERED IN THE INVESTIGATIONAL REPORT IDENTIFIED IN PARAGRAPH #1.
- THE ACTUAL GROUT LOCATIONS SHOULD BE CONFIRMED IN THE FIELD AND ADJUSTED AS NECESSARY. DURING NEW AND REPAIR WORK, THE LOCATION OF ALL UNDERGROUND PIPING SHALL BE ADEQUATELY LOCATED TO AVOID CONFLICT WITH INJECTION POINTS.
- RECOMMEND A SLURRY PORTLAND CEMENT TYPE GROUT HAVING A MINIMUM SLUMP OF 10 INCHES BE PUMPED INTO THE SUBSURFACE TO FILL VOIDS AND BRIDGE UNSUITABLE MATERIALS. RECOMMEND A NEAT GROUT WHICH CONSISTS OF CEMENT AND WATER ONLY SO THAT IT CAN PERMEATE INTO VOIDS WITHIN THE UNSUITABLE MATERIALS AND ERODED AREAS. THE GROUTING SHALL BEGIN AT THE DEEPEST DEPTH, AND ADVANCE UPWARD IN 1-FOOT INCREMENTS UNTIL EITHER THE PIPES ARE WITHDRAWN OR WITHIN 1 FOOT OF THE BOTTOM OF THE POOL SHELL.
- THE SLURRY GROUT SHOULD BE PUMPED SLOWLY SO THAT IT FLOWS LATERALLY TO FILL VOIDS AND BRIDGE UNSUITABLE MATERIALS. GROUTING SHOULD BE TERMINATED AT A DEPTH OF 1 FOOT BELOW LAND SURFACE OR 1 FOOT BELOW THE POOL SHELL. THE VARIABLE DEPTHS OF THE POOL BOTTOM WILL REQUIRE VARIABLE DEPTHS OF GROUTING.
- ESTIMATED 150 YARDS OF SLURRY GROUT TO BE INJECTED INTO THE SUBSURFACE.
- CONTINUOUS ELEVATION MONITORING OF THE POOL DECK, EXISTING STRUCTURE, AND POOL SHELL SHOULD BE UNDERTAKEN BY THE CONTRACTOR DURING THE GROUTING PROCESS TO IDENTIFY AND PREVENT UNNECESSARY UPWARD MOVEMENT.
- PUMPING SHOULD CEASE IF GROUND HEAVE OR GROUT OUTCROPPING OCCURS AT THE SURFACE. AT ANY POINT AT WHICH GROUND HEAVE, PIPE LIFT, OR GROUT TO SURFACE OCCURS, THE GROUTING SHOULD STOP AND THE PIPE SHOULD BE ABANDONED. THE INJECTION OF GROUT SHOULD THEN RESUME AT AN ADJACENT LOCATION.
- THE CONTRACTOR SHOULD PROVIDE THE PROPOSED SLURRY GROUT MIX DESIGN FOR REVIEW, COMMENT, AND APPROVAL PRIOR TO SITE MOBILIZATION.
- ALL GROUTING OPERATIONS SHOULD BE PERFORMED UNDER THE OBSERVATION OF THE GEOTECHNICAL ENGINEER. THE CONTRACTOR SHOULD SUBMIT THE PROPOSED GROUTING SYSTEMS AND PROPOSED INSTALLATION METHODS TO THE GEOTECHNICAL ENGINEER
- ANY FLOOR OPENINGS SHALL BE PROTECTED AND SECURED DURING DEMOLITION AND CONSTRUCTION.
- PATCH ALL FINISHES TO MATCH EXISTING, INCLUDING BUT NOT LIMITED TO, POOL DECKING AND INTERIOR POOL SHELL.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY EMERGENCY EYE WASH STATION AS REQUIRED DURING OPERATIONS.



SHALLOW SLURRY GROUT INJECTION LOCATIONS (TYP)  
APPROXIMATELY 46 LOCATIONS

**NOTE:**  
BID ALTERNATE #2 -  
CONTRACTOR SHALL DEDUCT  
STRUCTURAL GROUT INJECTIONS  
SHOWN ON THIS SHEET.

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



**NOTE:**  
Everything stated on this sheet shall be confirmed in the referenced Summary Reports above (paragraphs #1 and #2). The reference reports are provided with the construction documents.

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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

CONSULTANTS: <b>GRAEF</b> 2300 MAITLAND CENTER PARKWAY, SUITE 210 MAITLAND, FL 32751 PH: (407) 659-0553 FAX (407) 659-0609 WWW.GRAEF-USA.COM CERT # 4270	ENGINEER-OF-RECORD FL. REG. NO. SEAL	ARCHITECT/ENGINEERS: <b>AKEA INC.</b> 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 AND DECKING - GROUT INJECTION LOCATIONS	Project Title RENOVATIONS TO THE POOL MALCOM RANDALL VAMC	Project Number 573-13-105	Office of Construction and Facilities Management Department of Veterans Affairs
			Approved: Project Director	Location GAINESVILLE, FLORIDA	Building Number 1	
Revisions:	Date	Date JULY 23, 2014	Checked MDT	Drawn MDT	Page 10 of 29	