5/9/2019 5:13:58 PM

BUILDING 10 FLOODPROOFING

921 RIBAUT ROAD
BEAUFORT, SOUTH CAROLINA 29902

FOR

TECHNICAL COLLEGE OF THE LOWCOUNTRY

ARCHITECT

GLICK/BOEHM & ASSOCIATES
493 KING STREET, SUITE 100
CHARLESTON, SOUTH CAROLINA 29403
843.577.6377

ENGINEER

DWG CONSULTING ENGINEERS, INC.
1009 ANNA KNAPP BLVD., SUITE 202
MOUNT PLEASNAT, SOUTH CAROLINA 29464
843.49.1141

GBA
GLICK BOEHM ARCHITECTURE
ARCHITECTURE PLANNING INTERIOR DESIGN
493 King Street, Suite 100 Charleston, South Carolina 29403
T:843.577.6377 F:843.722.1768 www.glickboehm.com

REV.	DATE	DESCRIPTION

STATE OF SOUTH CAROLINA
GLICK/BOEHM & ASSOCIATES, INC.
CHARLESTON
NO. B-80006
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
MYLES IVAN GLICK
CHARLESTON
17823
REGISTERED ARCHITECT

BUILDING 10 FLOODPROOFING
TECHNICAL COLLEGE OF THE LOWCOUNTRY
921 RIBAUT ROAD BEAUFORT, SOUTH CAROLINA 29902

JOB NUMBER:	1901
PROJECT MGR.:	KRS
DRAWN BY:	KRS
CHECKED BY:	SM
APPROVED BY:	MG
DATE ISSUED FOR:	
CONTRACT DOCUMENTS	05/06/2019

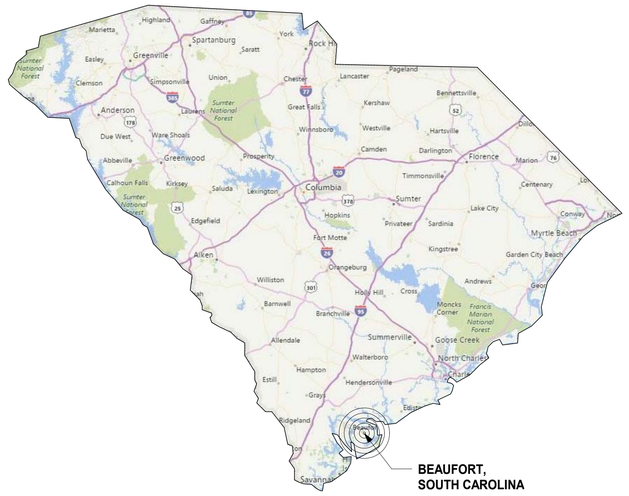
COVER SHEET

G000

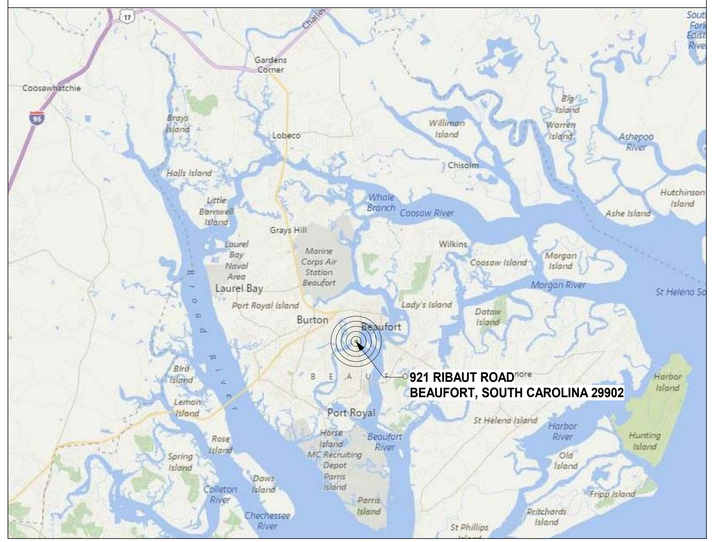
I:\1901 - TCL Bldg. 10 Floodproofing\1 Revit\1901_TCL-BLDG10 (R-17) [CD].rvt

5/9/2019 5:13:59 PM

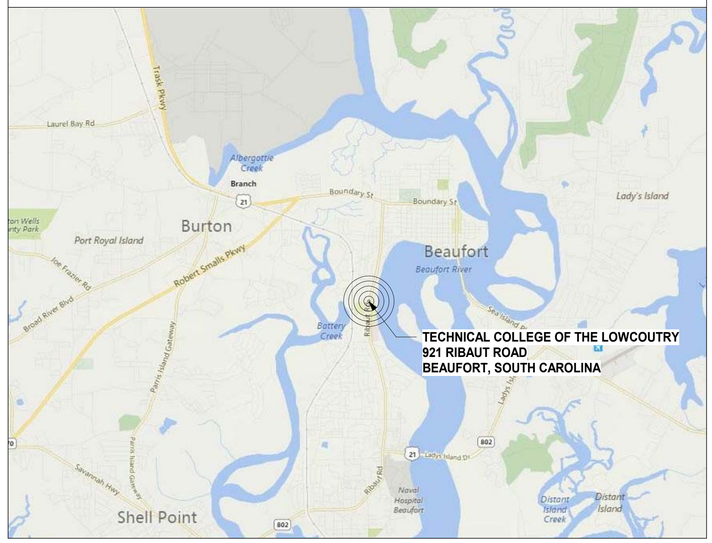
SOUTH CAROLINA MAP



BEAUFORT AREA MAP



PROJECT LOCATION AREA MAP



DRAWING LIST

SHEET NO.	SHEET TITLE
GENERAL	
G000	COVER SHEET
G100	DRAWING LIST & PROJECT LOCATION
ARCHITECTURAL	
A000	GENERAL ARCHITECTURAL INFORMATION
A100	FLOODPROOFING FLOOR PLAN
A200	EXTERIOR ELEVATIONS
A520	FLOODPROOF DETAILS @ WINDOW
A521	FLOODPROOF DETAILS @ SERVICE DOOR
A522	FLOODPROOF DETAILS @ ENTRY
PLUMBING	
P100	PLUMBING - BUILDING 10

GLICK BOEHM ARCHITECTURE
ARCHITECTURE PLANNING INTERIOR DESIGN
493 King Street, Suite 100 Charleston, South Carolina 29403
T:843.577.8877 F:843.722.1768 www.glickboehm.com

REV.	DATE	DESCRIPTION

STATE OF SOUTH CAROLINA
GLICK/BOEHM & ASSOCIATES, INC.
CHARLESTON
NO. B-#0006
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
MYLES IVAN GLICK
CHARLESTON
NO. 16683
REGISTERED ARCHITECT

BUILDING 10 FLOODPROOFING

TECHNICAL COLLEGE OF THE LOWCOUNTRY

921 RIBAUT ROAD BEAUFORT, SOUTH CAROLINA 29902

JOB NUMBER:	1901
PROJECT MGR.:	KRS
DRAWN BY:	KRS
CHECKED BY:	SM
APPROVED BY:	MG
DATE ISSUED FOR:	
CONTRACT DOCUMENTS	05/06/2019

DRAWING LIST & PROJECT LOCATION

G100

I:\1901 - TCL Bldg. 10 Floodproofing\1 Revit\1901_TCL-BLDG10 (R-17) [CD].rvt

TYPICAL SYMBOLS USED ON ALL ARCHITECTURAL SHEETS

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

DETAIL TITLE WITHOUT DETAIL NUMBER: USED ONLY FOR TYPICAL DETAILS THAT DO NOT HAVE TO BE REFERENCED OR FOR "FLOOR" TYPE PLANS.

55 **View Name**
SCALE: 1/8" = 1'-0"

1-PART DETAIL TITLE WITH DETAIL NUMBER: USED TO IDENTIFY DETAILS THAT DO NOT HAVE TO BE REFERENCED BACK TO DETAIL CUT.

1 / A101 **View Name**
SCALE: 1/8" = 1'-0"

2-PART DETAIL TITLE WITH DETAIL NUMBER & REFERENCED SHEET NO.: USED TO IDENTIFY DETAILS THAT NEED TO BE REFERENCED BACK TO DETAIL CUT.

1 / A101

2-PART WALL SECTION CALLOUT KEY WITH DETAIL NUMBER & SHEET REFERENCE WHERE DETAIL IS DRAWN.

1 / A101 — 1 / A101

2-PART BUILDING SECTION CALLOUT KEY WITH DETAIL NUMBER & SHEET REFERENCE WHERE DETAIL IS DRAWN.

1 / A101

ELEVATION CALLOUT KEY WITH DETAIL NUMBER & SHEET REFERENCE WHERE DETAIL IS DRAWN.

1 / A101

2-PART ELEVATION CALLOUT KEY WITH DETAIL NUMBER & SHEET REFERENCE WHERE DETAIL IS DRAWN.

GRAPHIC SCALE
0 8 16 24 32

GRAPHIC SCALE OF A SHEET OR DETAIL

LEGEND & SYMBOLS

EXISTING WALL TO REMAIN

DEMOLISHED WALL

Room name 101 — ROOM NAME & NUMBER

101 — DOOR MARK

1t — WINDOW MARK

Name / Elevation — VERTICAL DATUM MARKER

0 — COLUMN GRID MARK

0 — EXISTING COLUMN GRID MARK

℄ — CENTERLINE

1 — REVISION MARK - ADDENDA

ASI 01 — REVISION MARK - ASI / RFI / PR / CCD

PROJ. — PLAN NORTH ARROW

TRUE — TRUE NORTH ARROW

PROJECT SCOPE

THIS PROJECT IS LOCATED AT BUILDING 10 ON THE CAMPUS OF THE TECHNICAL COLLEGE OF THE LOWCOUNTRY AT 921 RIBAUT ROAD IN BEAUFORT, SOUTH CAROLINA.

THE SCOPE OF WORK IS AS FOLLOWS:

REPAIR MORTAR JOINTS AS INDICATED ON THE HIGHLIGHTED AREAS OF THE BUILDING ELEVATIONS (SHEET A200) UP TO 2'-0".

APPLY A PENETRATING SILOXANE SEALER TO THE HIGHLIGHTED AREAS OF THE EXTERIOR BRICK FACADE (SHEET A200) UP TO 4'-0"

SEAL AROUND ALL EXTERIOR WALL PENTRATIONS (FROM BOTH SIDES) WITH EXPANDING WATERPROOF SEALANT.

INSTALL A SEWER SHUTOFF VALUE ON THE EXISTING SEWER LINE AS INDICATED ON SHEET P100.

INSTALL FLOODPROOF BARRIERS AT 4 WINDOWS, 1 SERVICE DOOR AND 2 ENTRY DOORS AS INDICATED ON A100-FLOODDPROOFING FLOOR PLAN AND A520-A522 FLOODPROOF DETAILS

ABBREVIATIONS

A	
ACT	ACOUSTICAL CEILING TILE
AFF	ABOVE FINISH FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
B	
B/	BOTTOM OF
BD	BOARD
BLDG	BUILDING
BLKG	BLOCKING
BM	BEAM
BRG	BEARING
C	
CA	CAST ACRYLIC
CI	CONTINUOUS INSULATION
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CLO	CLOSET
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
CPT	CARPET
D	
DET	DETAIL
DIAM	DIAMETER
DIM	DIMENSION
DN	DOWN
DWG	DRAWING
E	
EA	EACH
EJ	EXPANSION JOINT
EL OR ELEV	ELEVATION
EQ	EQUAL
EQUIP	EQUIPMENT
ET	EPOXY TERRAZO
EW	EACH WAY
EXIST	EXISTING
EXP	EXPOSED (TO STRUCTURE)
EXT	EXTERIOR
F	
FACT	FACTORY FINISH
FD	FLOOR DRAIN
FDN	FOUNDATION
FEC	FIRE EXTINGUISHER CABINET
FIN	FINISH (ED)
FIP	FOAM-IN-PLACE
FL OR FLR	FLOOR
FOB	FACE OF BRICK
FOF	FACE OF FINISH
FOS	FACE OF STUD
FT	FOOT / FEET
G	
G	GROUT
GA	GAGE / GAUGE
GALV	GALVANIZED
GCB	GLAZED COVE BASE
GFCI	GOVERNMENT FURNISHED CONTRACTOR INSTALLED
GFRC	GLASS FIBER REINFORCED CONCRETE
GL	GLASS / GLAZING
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
H	
HC	HOLLOW CORE
HM	HOLLOW METAL
I	
ID	INSIDE DIAMETER
INSUL	INSULATION
J	
JT	JOINT

ABBREVIATIONS

L	
LAV	LAVATORY
LP	LOW POINT
M	
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MT	METAL THRESHOLD
MTL	METAL
N	
N	NORTH
NIC	NOT IN CONTRACT
NO OR #	NUMBER
NTS	NOT TO SCALE
O	
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPG	OPENING
OPP	OPPOSITE
OS	OVERFLOW SCUPPER
P	
PL	PLASTIC LAMINATE
PNT	PAINT
R	
R	RISER
RAD	RADIUS
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REINF	REINFORCED
REQ'D	REQUIRED
REV	REVERSED
RO	ROUGH OPENING
S	
SC	SOLID CORE
SF	STOREFRONT
SHT	SHEET
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
ST	STAIN
STL	STEEL
SUSP	SUSPENDED
SV	SHEET VINYL FLOORING
T	
T	TREAD
T/	TOP OF
TBB	TILE BACKERBOARD
TEMP	TEMPORARY
THK	THICK
TP	TOILET PARTITION
TYP	TYPICAL
U	
U.N.O.	UNLESS NOTED OTHERWISE
V	
VB	VINYL BASE
VCT	CINYL COMPOSITION TILE
VERT	VERTICAL
VIF	VERIFY IN FIELD
VJ	VERTICAL JOINT
VPAB	VAPOR PERMEABLE AIR BARRIER
VWC	VINYL WALL COVERING
W	
W/	WITH
W/O	WITHOUT
WD	WOOD
WT	WALL TILE

GENERAL PROJECT NOTES

1	DETAILS ARE SHOWN TO DESCRIBE DESIGN INTENT, COORDINATE COMPLETE SHOP DRAWINGS, SHOWING ALL CONSTRUCTION DETAILS AND LAYOUTS AS REQUIRED FOR A COMPLETE JOB, ADHERING TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS, WARRANTIES AND, GOVERNING CODES.
2	THE CONSTRUCTION SUBSYSTEMS SHOWN INDICATE THE GENERAL CONSTRUCTION FEATURES OF THE WORK TO BE COMPLETED. THEY ARE NOT INTENDED TO REPRESENT THE ENTIRE CONSTRUCTION PROCSS AND ACCESSORIES USED. THE CONTRACTOR AND SUBCONTRACTORS ARE RESPONSIBLE FOR COMPLETED SYSTEMS AND TO BE IN COMPLIANCE WITH GOVERNING CODES AND THE INTENT OF THE DRAWINGS.
3	CONSTRUCTION MATERIALS OR PROCESSES WHICH ARE HAZARDOUS TO WORKERS OR FUTURE OCCUPANTS ARE NOT PERMITTED.
4	REFER TO PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND REFERENCES.
5	GENERAL CONTRACTOR AND APPLICABLE SUB CONTRACTORS SHALL VERIFY ALL DIMENSIONS IN FIELD PRIOR TO COMMENCING WORK. DO NOT SCALE DRAWINGS.

FLOOD PANEL NOTES

1	BASIS OF DESIGN: PS FLOOD BARRIERS, HYDRODEFENSE FLOOD PLANK, MODEL FP 530, OR APPROVED EQUAL.
2	CONTRACTOR SHALL USE THE 'NO SILL' OPTION (4/A521) WHERE EXISTING CONDITIONS MEET THE MANUFACTURERS TOLERANCES.
3	WHERE FLOOD PANEL BOTTOM PLANK SITS ON EXISTING CONCRETE, CONTRACTOR SHALL REVIEW AND INSPECT EXISTING CONDITIONS TO DETERMINE IF THE 'NO SILL' OPTION IS AVAILABLE.
4	WHERE EXISTING CONCRETE CONDITIONS DO NOT MEET THE MANUFACTURERS REQUIREMENTS FOR THE 'NO SILL' OPTION, THE SURFACE MOUNTED PLATE SILL OPTION SHALL BE USED.
5	FLOOD PLANK SILL CONDITION AT THE WINDOWS WILL VARY BASED ON EXISTING CONDITIONS, VERIFY IN FIELD.

MASONRY WATERPROOFING

1	BASIS OF DESIGN: PROSOCO SURE KLEAN WEATHER SEAL, SILOXANE PD. FOLLOW ALL MANUFACTURERS INSTALLATION INSTRUCTIONS.
2	REFER TO THE BRICK INDUSTRY ASSOCIATION TECHNICAL NOTE 6A FOR COLORLESS COATINGS FOR BRICK MASONRY PROCEEDURE.
3	APPLY FLUID APPLIED MASONRY WATERPROOFER TO THE EXTERIOR FACE OF THE BRICK VENEER UP TO A HEIGHT OF 4'-0" FROM GRADE.
4	FLUID APPLIED MASONRY WATERPROOFER SHALL TERMINATE ON THE PROTECTED SIDE OF THE FLOOD PANEL MOUNTED FRAMES.
5	REFER TO ENLARGED DETAIL PLANS FOR TERMINATION POINTS OF FLUID APPLIED WATERPROOFING
6	SEAL AROUND ALL EXISTING WALL PENETRATIONS BELOW 4'-0" FROM BOTH SIDES WITH EXPANDING SEALANT

MORTAR JOINT REPAIR NOTES

1	REFER TO THE BRICK INDUSTRY ASSOCIATION TECHNICAL NOTE 46 FOR MORTAR JOINT REPAIR PROCEEDURE.
2	CONTRATOR SHALL INSPECT ALL MORTAR JOINTS UP TO 4'-0"; AREAS ILLUSTRATED ON THE PLANS ARE NOTED AS NEEDING REPAIR.
3	WHERE WARRENTED, REPOINT OR FACE-GROUT CRACKED OR DETERIORATED MORTAR.
4	NEW MORTAR SHALL MATCH EXISTING MORTAR IN COLOR, CONTRACTOR SHALL PERFORM A TEST AREA FOR APPROVAL PRIOR TO FULL INSTALLATION.
5	CONTRACTOR SHALL USE PREHYDRATED TYPE N, O OR K MORTAR FOR REPOINTING.
6	INSTALL REPOINTING MORTAR IN MULTIPLE 1/4-IN. LIFTS, TOOLING EACH WHEN "THUMBPRINT HARD".
7	MAINTAIN EXISTING WEEP HOLES @ 4'-0" O.C.

GBA
GLICK BOEHM ARCHITECTURE
ARCHITECTURE PLANNING INTERIOR DESIGN
493 King Street, Suite 100 Charleston, South Carolina 29403
T:843.722.1703 F:843.722.1788 www.glickboehm.com

REV.	DATE	DESCRIPTION

STATE OF SOUTH CAROLINA — GLICK/BOEHM & ASSOCIATES, INC. CHARLESTON, NO. B--80006 — REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA — MYLES IVAN GLICK — CHARLESTON — 17632 — REGISTERED ARCHITECT

BUILDING 10 FLOODPROOFING
TECHNICAL COLLEGE OF THE LOWCOUNTRY
921 RIBAUT ROAD BEAUFORT, SOUTH CAROLINA 29902

JOB NUMBER:	1901
PROJECT MGR.:	KRS
DRAWN BY:	KRS
CHECKED BY:	SM
APPROVED BY:	MG
DATE ISSUED FOR:	
CONTRACT DOCUMENTS	05/06/2019

GENERAL ARCHITECTURAL INFORMATION

A000

5/9/2019 5:13:48 PM

FLOOD PANEL SUBMITTAL REQUIREMENTS

PART 1 - GENERAL

1.2 SUBMITTALS

A. MANUFACTURER'S DATA SHEETS ON EACH PRODUCT TO BE USED, INCLUDING:

1. STORAGE AND HANDLING REQUIREMENTS AND RECOMMENDATIONS.
2. INSTALLATION INSTRUCTIONS.

B. SHOP DRAWINGS: PROVIDE SHOP DRAWINGS SHOWING LAYOUT, PROFILES, AND PRODUCT COMPONENTS, INCLUDING ANCHORAGE, HARDWARE, AND FINISHES. INCLUDE DIMENSIONAL PLANS, APPLICABLE MATERIAL SPECIFICATIONS, ELEVATIONS AND SECTIONS DETAILING MOUNTING AND CONNECTIONS, AND LOAD DIAGRAMS.

C. CALCULATIONS: UPON SIGNED FINALIZATION AND APPROVAL OF DIMENSIONS, MOUNTING LOCATION MATERIAL AND CONFIGURATION, AND LOAD REQUIREMENTS;

1. ENGINEERING CALCULATIONS ARE NOT REQUIRED FOR THIS BARRIER.
2. SUBMIT STAMPED CALCULATIONS BY A REGISTERED PROFESSIONAL ENGINEER FROM WITHIN THE STATE OR TERRITORY WHERE THE PROJECT WILL BE CONSTRUCTED OR SUBSTANTIALLY IMPROVED, TO VERIFY THE FLOOD BARRIER'S ABILITY TO WITHSTAND THE DESIGN LOADING.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. DESIGN WATERTIGHT FLOOD PLANKS TO SUPPORT, SOLELY OR IN COMBINATIONS OF, TEMPORARY SUPER-IMPOSED LIVE LOADS AS INDICATED BELOW. ALL APPLIED TYPES OF FLOOD RELATED LOADINGS ARE TRANSFERRED FROM THE FLOOD PRODUCT BARRIERS, SOLELY OR IN COMBINATIONS OF, BY MULLION ANCHORAGE TO STRUCTURAL FLOOR SLABS AND/OR JAMB ANCHORAGE AND DIRECT PRESSURE CONTACT TO STRUCTURAL WALLS OR OTHER STRUCTURAL ELEMENTS.

1. HYDROSTATIC LOADING.
2. HYDRODYNAMIC LOADING.
3. DEBRIS IMPACT LOADING.
4. WAVE LOADING (DYNAMIC/ NON-BREAKING OR BROKEN WAVE).
5. WAVE LOADING (IMPACT/BREAKING WAVE – BELOW & ABOVE DFE).

B. ENGINEERING CODE PRACTICES: ENGINEER FLOOD PRODUCTS TO CONFORM TO THE DESIGN REQUIREMENTS THAT ARE BASED ON THE LATEST ADOPTED EDITION OF THE INTERNATIONAL BUILDING CODE (IBC). LRFD AND/OR ASD METHODOLOGIES ARE APPLIED AS APPROPRIATE TO ALIGN WITH SPECIFIC PROJECT SPECIFICATIONS AND/OR LIMITED PUBLISHED MATERIAL DATA.

C. WATER DENSITY: 64 PCF, UNLESS OTHERWISE NOTED ON "APPROVED FOR CONSTRUCTION" DRAWINGS.

1.2 MANUFACTURERS

A. WATERTIGHT FLOOD PLANK BARRIERS:

1. APPROVED MANUFACTURER: PS FLOOD BARRIERS, WHICH IS LOCATED AT: 1150 S. 48TH STREET, GRAND FORKS, ND 58201; TOLL FREE TEL: 877.446.1519; EMAIL: 4INFO@PSINDUSTRIES.COM; WEB: WWW.PSFLOODBARRIERS.COM OR WWW.PSINDUSTRIES.COM
   a. BASIS OF DESIGN PRODUCT: MODEL: FP 530/FP 535.
2. APPROVED EQUAL

B. SINGLE SOURCE RESPONSIBILITIES: OBTAIN ALL WATERTIGHT BARRIERS AND FLOOD PLANK ASSEMBLIES FROM SINGLE MANUFACTURER.

2.3 EQUIPMENT

A. PRODUCTS DETAILS:

1. SEALING REQUIREMENTS: FLOOD PLANK AND GASKET DESIGN SHALL PROVIDE AN EFFECTIVE BARRIER AGAINST SHORT-TERM HIGH-WATER SITUATIONS, TO THE PROTECTION LEVEL INDICATED ON DRAWINGS.
2. LATCHING: PROVIDE WITH PAD-LOCKABLE LATCHING TO SECURE DEPLOYED BARRIER FROM TAMPER OR THEFT. ONE (1) LATCH PER JAMB.
3. OPERATION: FLOOD PLANKS AND LATCHES TO BE NON-HANDED TO ALLOW FOR REVERSIBLE INSTALLATION.
4. MOUNTING/LOAD TRANSFER: ANCHOR TO EXISTING STRUCTURE. FLOOD PLANK DESIGNED FOR SPECIFIED HYDROSTATIC PRESSURE (AND OTHER LOADS AS SPECIFIED) AND WILL TRANSFER LOADS TO ADJACENT STRUCTURE.
5. FRAME TO BE CAST-IN-PLACE OR ANCHORED UTILIZING MECHANICAL, CHEMICAL OR OTHER FRAMING METHODS AS DESIGNED. MANUFACTURER TO INCLUDE ALL ANCHORS, WATER-STOP, AND SEALANTS, AS DESIGNED, UNLESS OTHERWISE NOTED.
6. JAMB MOUNTING LOCATION:
   a. WALL FACE MOUNT:
      1) POSITIVE PRESSURE LOADING, (DIRECTION OF LOADING AGAINST FLOOD PLANK SO AS TO FORCE THE BARRIER AGAINST THE WALL STRUCTURE. "SEATING").
   b. BETWEEN WALL MOUNTING, (JAMBS MOUNTED WITHIN THE WALL OPENING).
      1) PROVIDE COMPRESSION GASKET WHICH REQUIRES NO INFLATION.

2.4 MATERIALS

A. FLOOD PLANK: ALUMINUM: 6000 SERIES ALLOY.

B. GASKETS: FACTORY MOUNTED, COMPRESSIBLE RUBBER TYPE, FIELD REPLACEABLE. GASKET DOES NOT REQUIRE AIR INFLATION.

1. MATERIAL: UV RESISTANT EPDM UNLESS OTHERWISE NOTED.

C. FRAME TO INCLUDE JAMB AND OPTIONAL SILL MEMBERS FOR FIELD LOCATING AND INSTALLATION ON STRUCTURE. JAMB MEMBERS TO BE DESIGNED AND FABRICATED WITH APPROPRIATE MATERIAL AS REQUIRED FOR THE LOADING.

1. ALUMINUM OF APPROPRIATE SIZE AND STRENGTH WITH WELDED OR MECHANICAL FASTENED CONSTRUCTION.

D. SILL:

1. NO SILL REQUIRED, BOTTOM GASKET TO SEAL TO CONCRETE SURFACE. CONTRACTOR TO ENSURE CONCRETE SEALING SURFACE AREA IS LEVEL (+/- 1/16 INCH PER 10 FOOT OF BARRIER), SMOOTH, UNBROKEN, WITHOUT CRACKS OR RELIEF JOINTS.
2. SURFACE MOUNTED PLATE SILL, MILD CARBON STEEL HOT-DIPPED GALVANIZED.
3. FACE MOUNTED SILL ANGLE, STAINLESS STEEL TYPE 304, MILL FINISH.

E. FRAME MOUNTING HARDWARE: PROVIDE ANCHORS, SEALANT, AND WATER STOP, AS REQUIRED.

F. OPERATING HARDWARE:

1. PROVIDE HARDWARE SIZED FOR THE SIZE AND WEIGHT OF THE FLOOD PLANK AND LOADS.
2. HARDWARE TO BE FACTORY LOCATED ON JAMBS AND PLANK PANELS, AS PRACTICAL.
3. LATCHING HARDWARE TO BE AS INDICATED ON THE "APPROVED FOR CONSTRUCTION" DRAWINGS.
4. FLOOD PLANK PANEL TO BE FACTORY PREPARED FOR APPLICABLE LATCHING DEVICES.

G. ALUMINUM: MILL FINISH, WELDS GROUND SMOOTH, NOT POLISHED.

H. LABELING. EACH WATERTIGHT PLANK AND JAMB WILL BE INDIVIDUALLY IDENTIFIED FOR MATCHED INSTALLATION.

I. INSTRUCTION PLACARD: PROVIDE PICTORIAL AND WRITTEN OPERATION INSTRUCTION PLACARDS ON FLOOD PLANK.

2.5 FABRICATION

A. FIT AND FACTORY ASSEMBLE ITEMS IN LARGEST PRACTICAL SECTIONS, FOR SHIPMENT TO SITE.

B. FABRICATE ITEMS WITH JOINTS TIGHTLY FITTED AND SECURED.

C. SUPPLY COMPONENTS REQUIRED FOR ANCHORAGE OF FABRICATIONS.

PART 3 - EXECUTION

3.1 EXAMINATION

A. DO NOT BEGIN INSTALLATION UNTIL SUBSTRATES HAVE BEEN PROPERLY PREPARED.

B. IF SUBSTRATE PREPARATION IS THE RESPONSIBILITY OF ANOTHER SUBCONTRACTOR, NOTIFY ARCHITECT OF UNCOMPLETED PREPARATION BEFORE PROCEEDING.

C. INSPECT OPENING FOR COMPLIANCE WITH FLOOD PLANK MANUFACTURER REQUIREMENTS. VERIFY OPENING CONDITIONS ARE WITHIN REQUIRED TOLERANCES.

3.2 REPARATION

A. CLEAN SURFACES THOROUGHLY PRIOR TO INSTALLATION.

B. PREPARE SURFACES USING THE METHODS RECOMMENDED BY THE MANUFACTURER FOR ACHIEVING THE BEST RESULT FOR THE SUBSTRATE UNDER THE PROJECT CONDITIONS.

3.3 INSTALLATION

A. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS, "APPROVED FOR CONSTRUCTION" DRAWINGS, SHIPPING, HANDLING, AND STORAGE INSTRUCTIONS, AND PRODUCT CARTON INSTRUCTIONS FOR INSTALLATION.

B. SILLS, JAMBS, AND MULLIONS SHALL BE INSTALLED LEVEL, SQUARE, PLUMB, AND RIGID.

C. SEALANTS, WATER-STOP, AND GROUTING TO BE COMPLETED BY APPROPRIATE PERSONNEL, AND IN ACCORDANCE WITH PRODUCT APPLICATION DIRECTIONS, MANUFACTURER'S INSTRUCTIONS, AND "APPROVED FOR CONSTRUCTION" DRAWINGS.

D. TOLERANCES: ALL DIMENSIONAL REQUIREMENTS MUST BE IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND "APPROVED FOR CONSTRUCTION" DRAWINGS.

E. PRODUCTS TO BE OPERATED AND FIELD VERIFIED THAT SEALING SURFACES MAINTAIN CONTACT AT THE CORRECT SEALING POINTS.

F. INSPECT GASKETS FOR DAMAGE, WEAR, AND ADHESION. REPLACE COMPROMISED GASKETS IMMEDIATELY.

G. VERIFY THAT LATCHING ASSEMBLIES OPERATE FREELY AND CORRECTLY.

H. VERIFY ALL ANCHORAGE IS IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND APPLICABLE DATA SHEETS.

I. INSPECT INSTALLATION SEALANTS TO ENSURE A WATERTIGHT JUNCTURE.

3.4 FIELD QUALITY CONTROL

A. FIELD TESTING:

NOTE TO SPECIFIER CHOOSE TESTING METHOD(S) REQUIRED.

1. INSTALLER TO PERFORM VISUAL DRY TEST FOR GASKET ALIGNMENT, CONTINUITY CONTACT AND PRE-COMPRESSION.
2. INSTALLER TO PERFORM HOSE TEST OF BARRIER TO FRAME IN ACCORDANCE WITH MANUFACTURER'S STANDARD HOSE TEST PROCEDURE.
3. INSTALLER TO CONSTRUCT TEMPORARY WATER BARRIER AND TEST INSTALLED FLOOD BARRIER UNDER HYDROSTATIC CONDITIONS.

3.5 CLEANING

A. TOUCH-UP, REPAIR OR REPLACE DAMAGED PRODUCTS OR COMPONENTS BEFORE SUBSTANTIAL COMPLETION.

B. CLEAN ALL SEALING SURFACES.

3.6 PROTECTION

A. PROTECT INSTALLED PRODUCTS UNTIL COMPLETION OF PROJECT.

MASONRY WATERPROOFING

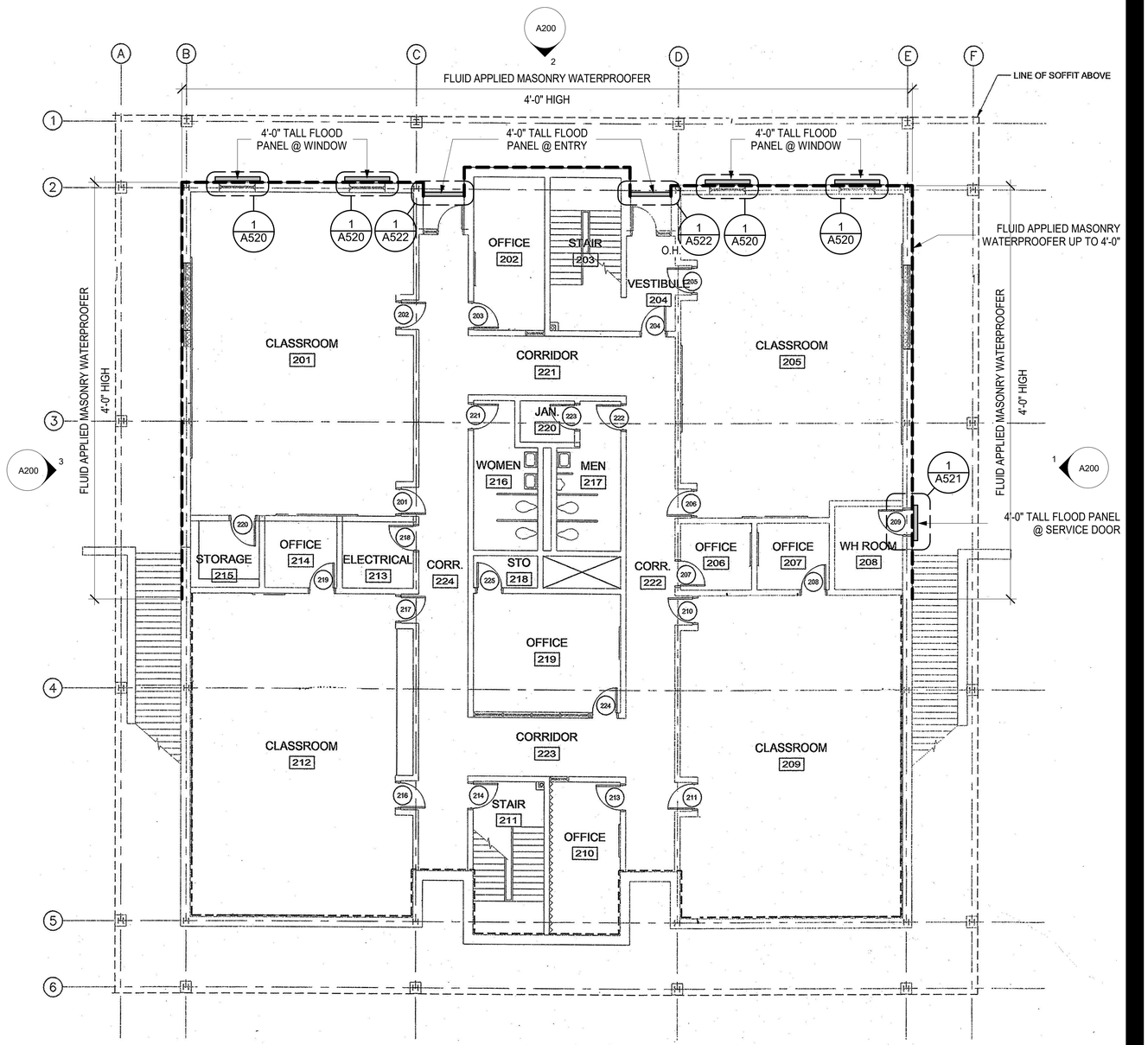
1	BASIS OF DESIGN: PROSOCO SURE KLEAN WEATHER SEAL, SILOXANE PD. FOLLOW ALL MANUFACTURERS INSTALLATION INSTRUCTIONS.
2	REFER TO THE BRICK INDUSTRY ASSOCIATION TECHNICAL NOTE 6A FOR COLORLESS COATINGS FOR BRICK MASONRY PROCEEDURE.
3	APPLY FLUID APPLIED MASONRY WATERPROOFER TO THE EXTERIOR FACE OF THE BRICK VENEER UP TO A HEIGHT OF 4'-0" FROM GRADE.
4	FLUID APPLIED MASONRY WATERPROOFER SHALL TERMINATE ON THE PROTECTED SIDE OF THE FLOOD PANEL MOUNTED FRAMES.
5	REFER TO ENLARGED DETAIL PLANS FOR TERMINATION POINTS OF FLUID APPLIED WATERPROOFING
6	SEAL AROUND ALL EXISTING WALL PENETRATIONS BELOW 4'-0" FROM BOTH SIDES WITH EXPANDING SEALANT

GENERAL PLAN NOTES

1	BEFORE BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AND VERIFY EXISTING CONDITIONS AND COMPARE RESULTS
2	REFER TO A000 FOR GENERAL PROJECT NOTES
3	DIMENSIONS INDICATED ARE FROM FACE OF STUD AND TO FACE OF MASONRY, U.O.N. REFER TO ENLARGED PLANS FOR ADDITIONAL DIMENSIONS NOT INDICATED ON OVERALL PLANS.
4	DIMENSIONS TO EXISTING WALLS ARE TO FACE OF FINISH, U.O.N.
5	DO NOT SCALE PLANS.

FLOOD PANEL NOTES

1	BASIS OF DESIGN: PS FLOOD BARRIERS, HYDRODEFENSE FLOOD PLANK, MODEL FP 530, OR APPROVED EQUAL.
2	CONTRACTOR SHALL USE THE 'NO SILL' OPTION (4/A521) WHERE EXISTING CONDITIONS MEET THE MANUFACTURERS TOLERANCES.
3	WHERE FLOOD PANEL BOTTOM PLANK SITS ON EXISTING CONCRETE, CONTRACTOR SHALL REVIEW AND INSPECT EXISTING CONDITIONS TO DETERMINE IF THE 'NO SILL' OPTION IS AVAILABLE.
4	WHERE EXISTING CONCRETE CONDITIONS DO NOT MEET THE MANUFACTURERS REQUIREMENTS FOR THE 'NO SILL' OPTION, THE SURFACE MOUNTED PLATE SILL OPTION SHALL BE USED.
5	FLOOD PLANK SILL CONDITION AT THE WINDOWS WILL VARY BASED ON EXISTING CONDITIONS, VERIFY IN FIELD.



1 FLOODPROOFING FLOOR PLAN

A100 SCALE: 1/8" = 1'-0"

TRUE

GRAPHIC SCALE 0 8 16 24 32

GLICK BOEHM ARCHITECTURE
ARCHITECTURE PLANNING INTERIOR DESIGN
493 King Street, Suite 100 Charleston, South Carolina 29403
T:843.577.8377 F:843.722.1768 www.glickboehm.com

REV.	DATE	DESCRIPTION

STATE OF SOUTH CAROLINA
GLICK/BOEHM & ASSOCIATES, INC.
CHARLESTON
NO. B-80006
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
MYLES IVAN GLICK
CHARLESTON
NO. 16837
REGISTERED ARCHITECT

BUILDING 10
FLOODPROOFING

TECHNICAL COLLEGE OF THE LOWCOUNTRY
921 RIBAUT ROAD
BEAUFORT, SOUTH CAROLINA 29902

JOB NUMBER:	1901
PROJECT MGR.:	KRS
DRAWN BY:	KRS
CHECKED BY:	SM
APPROVED BY:	MG
DATE ISSUED FOR:	
CONTRACT DOCUMENTS	05/06/2019

FLOODPROOFING FLOOR PLAN

A100

I:\1901 - TCL Bldg. 10 Floodproofing\1 Revit\1901_TCL-BLDG10 (R-17) [CD].rvt

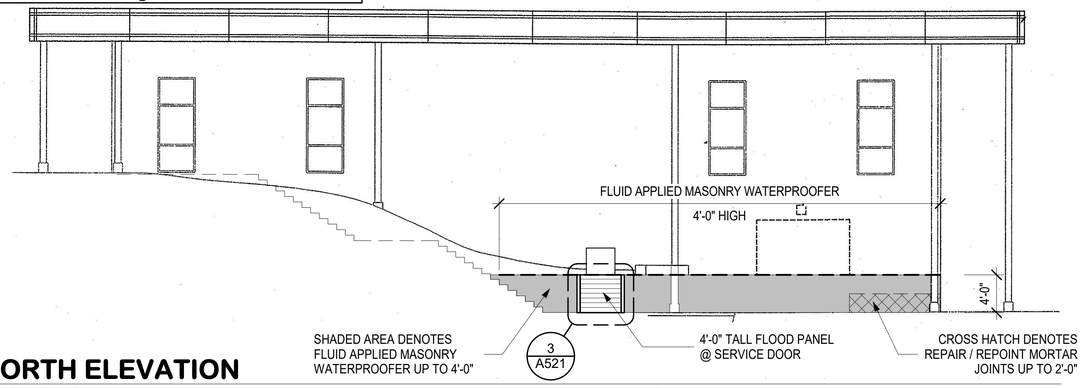
5/9/2019 5:13:52 PM

MORTAR JOINT REPAIR NOTES

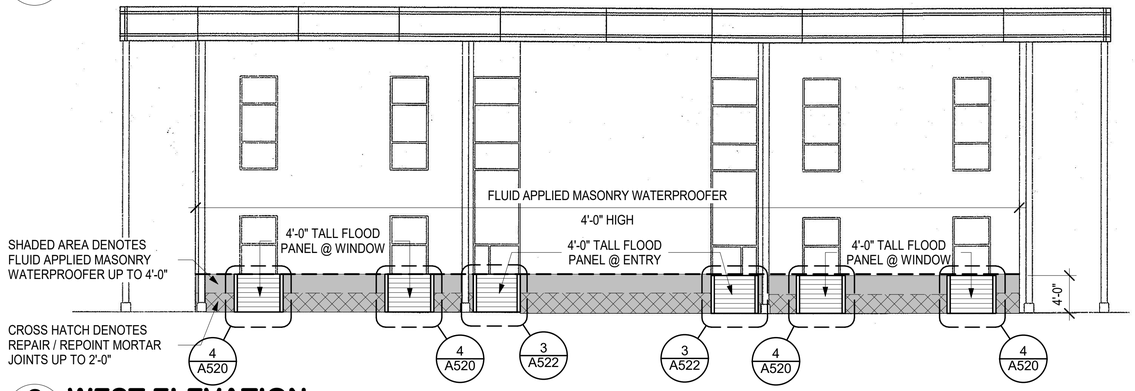
1	REFER TO THE BRICK INDUSTRY ASSOCIATION TECHNICAL NOTE 46 FOR MORTAR JOINT REPAIR PROCEEDURE.
2	CONTRATOR SHALL INSPECT ALL MORTAR JOINTS UP TO 4'-0"; AREAS ILLUSTRATED ON THE PLANS ARE NOTED AS NEEDING REPAIR.
3	WHERE WARRENTED, REPOINT OR FACE-GROUT CRACKED OR DETERIORATED MORTAR.
4	NEW MORTAR SHALL MATCH EXISTING MORTAR IN COLOR, CONTRACTOR SHALL PERFORM A TEST AREA FOR APPROVAL PRIOR TO FULL INSTALLATION.
5	CONTRACTOR SHALL USE PREHYDRATED TYPE N, O OR K MORTAR FOR REPOINTING.
6	INSTALL REPOINTING MORTAR IN MULTIPLE 1/4-IN. LIFTS, TOOLING EACH WHEN "THUMBPRINT HARD".
7	MAINTAIN EXISTING WEEP HOLES @ 4'-0" O.C.

MASONRY WATERPROOFING

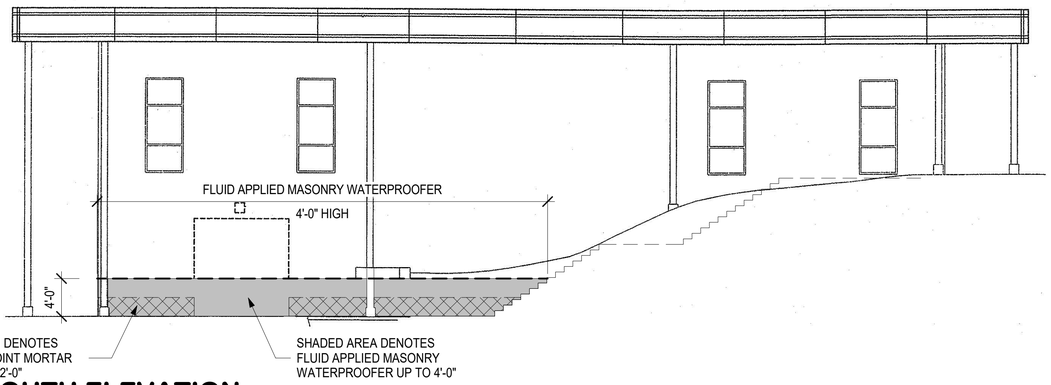
1	BASIS OF DESIGN: PROSOCO SURE KLEAN WEATHER SEAL, SILOXANE PD. FOLLOW ALL MANUFACTURERS INSTALLATION INSTRUCTIONS.
2	REFER TO THE BRICK INDUSTRY ASSOCIATION TECHNICAL NOTE 6A FOR COLORLESS COATINGS FOR BRICK MASONRY PROCEEDURE.
3	APPLY FLUID APPLIED MASONRY WATERPROOFER TO THE EXTERIOR FACE OF THE BRICK VENEER UP TO A HEIGHT OF 4'-0" FROM GRADE.
4	FLUID APPLIED MASONRY WATERPROOFER SHALL TERMINATE ON THE PROTECTED SIDE OF THE FLOOD PANEL MOUNTED FRAMES.
5	REFER TO ENLARGED DETAIL PLANS FOR TERMINATION POINTS OF FLUID APPLIED WATERPROOFING
6	SEAL AROUND ALL EXISTING WALL PENETRATIONS BELOW 4'-0" FROM BOTH SIDES WITH EXPANDING SEALANT



1 NORTH ELEVATION
A200 *SCALE: 1/8" = 1'-0"*

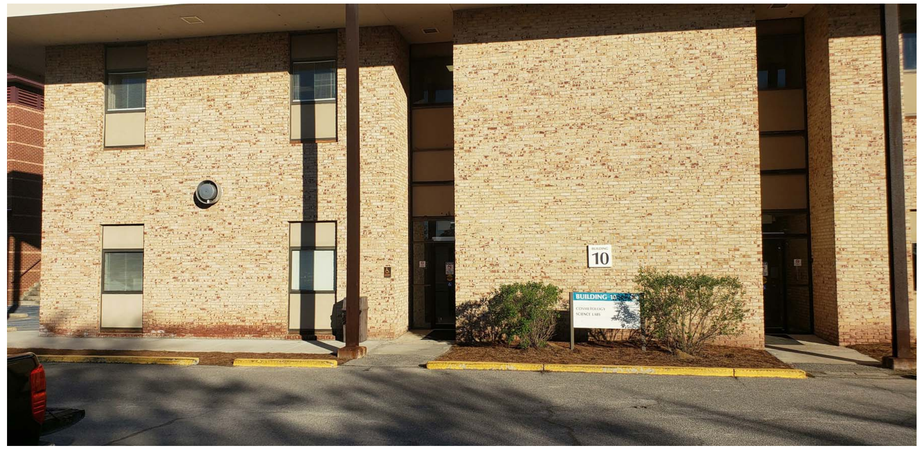


2 WEST ELEVATION
A200 *SCALE: 1/8" = 1'-0"*



3 SOUTH ELEVATION
A200 *SCALE: 1/8" = 1'-0"*

EXISTING PHOTO - NORTH ELEVATION



EXISTING PHOTO - WEST ELEVATION

EXISTING PHOTO - WEST ELEVATION

GRAPHIC SCALE
0 8 16 24 32

GLICK BOEHM ARCHITECTURE
ARCHITECTURE PLANNING INTERIOR DESIGN
493 King Street, Suite 100 Charleston, South Carolina 29403
T:843.577.8877 F:843.722.1768 www.glickboehm.com

REV. | DATE | DESCRIPTION

STATE OF SOUTH CAROLINA
GLICK/BOEHM & ASSOCIATES, INC.
CHARLESTON
VOL. B - 8099
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
MYLES IVAN GLICK
CHARLESTON
NO. 13823
REGISTERED ARCHITECT

BUILDING 10 FLOODPROOFING
TECHNICAL COLLEGE OF THE LOWCOUNTRY
921 RIBAUT ROAD
BEAUFORT, SOUTH CAROLINA 29902

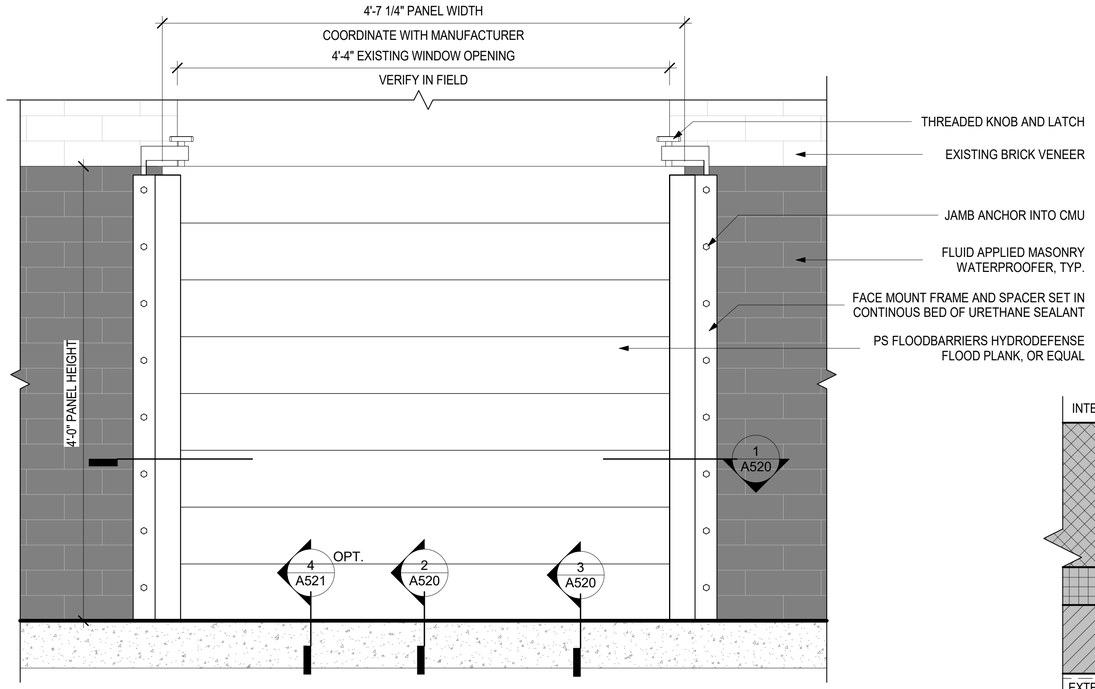
JOB NUMBER:	1901
PROJECT MGR.:	KRS
DRAWN BY:	KRS
CHECKED BY:	SM
APPROVED BY:	MG
DATE ISSUED FOR:	
CONTRACT DOCUMENTS	05/06/2019

EXTERIOR ELEVATIONS

A200

I:\1901 - TCL Bldg. 10 Floodproofing\1 Revit\1901_TCL-BLDG10 (R-17) (CD).rvt

5/9/2019 5:13:54 PM



4 DETAIL ELEVATION @ WINDOW

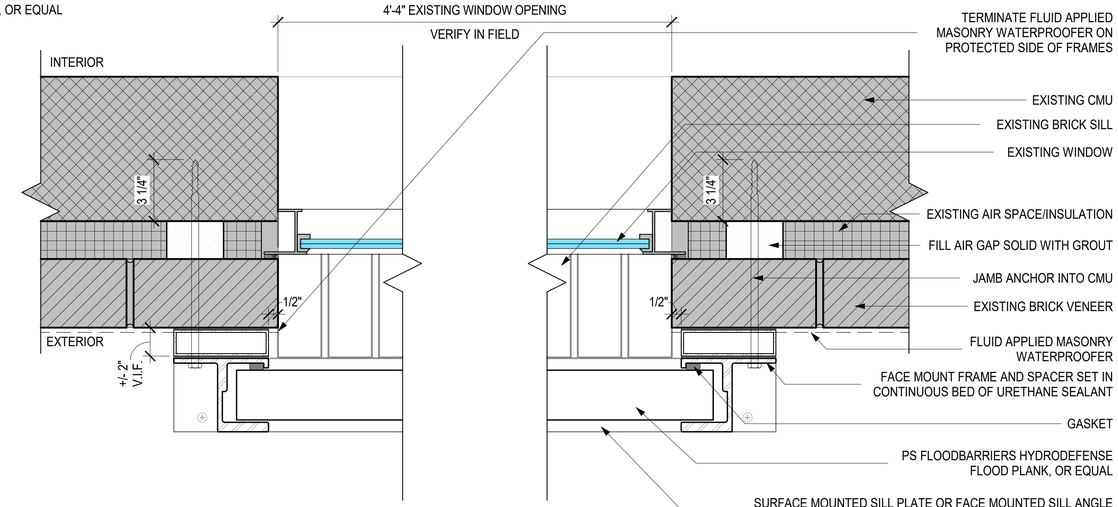
A520 *SCALE: 1 1/2" = 1'-0"*

MASONRY WATERPROOFING

1	BASIS OF DESIGN: PROSOCO SURE KLEAN WEATHER SEAL, SILOXANE PD. FOLLOW ALL MANUFACTURERS INSTALLATION INSTRUCTIONS.
2	REFER TO THE BRICK INDUSTRY ASSOCIATION TECHNICAL NOTE 6A FOR COLORLESS COATINGS FOR BRICK MASONRY PROCEEDURE.
3	APPLY FLUID APPLIED MASONRY WATERPROOFER TO THE EXTERIOR FACE OF THE BRICK VENEER UP TO A HEIGHT OF 4'-0" FROM GRADE.
4	FLUID APPLIED MASONRY WATERPROOFER SHALL TERMINATE ON THE PROTECTED SIDE OF THE FLOOD PANEL MOUNTED FRAMES.
5	REFER TO ENLARGED DETAIL PLANS FOR TERMINATION POINTS OF FLUID APPLIED WATERPROOFING
6	SEAL AROUND ALL EXISTING WALL PENETRATIONS BELOW 4'-0" FROM BOTH SIDES WITH EXPANDING SEALANT

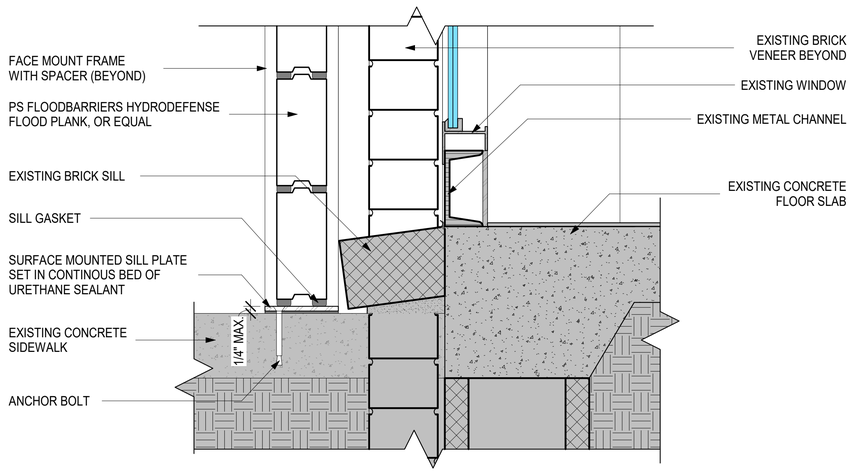
FLOOD PANEL NOTES

1	BASIS OF DESIGN: PS FLOOD BARRIERS, HYDRODEFENSE FLOOD PLANK, MODEL FP 530, OR APPROVED EQUAL.
2	CONTRACTOR SHALL USE THE 'NO SILL' OPTION (4/A521) WHERE EXISTING CONDITIONS MEET THE MANUFACTURERS TOLERANCES.
3	WHERE FLOOD PANEL BOTTOM PLANK SITS ON EXISTING CONCRETE, CONTRACTOR SHALL REVIEW AND INSPECT EXISTING CONDITIONS TO DETERMINE IF THE 'NO SILL' OPTION IS AVAILABLE.
4	WHERE EXISTING CONCRETE CONDITIONS DO NOT MEET THE MANUFACTURERS REQUIREMENTS FOR THE 'NO SILL' OPTION, THE SURFACE MOUNTED PLATE SILL OPTION SHALL BE USED.
5	FLOOD PLANK SILL CONDITION AT THE WINDOWS WILL VARY BASED ON EXISTING CONDITIONS, VERIFY IN FIELD.



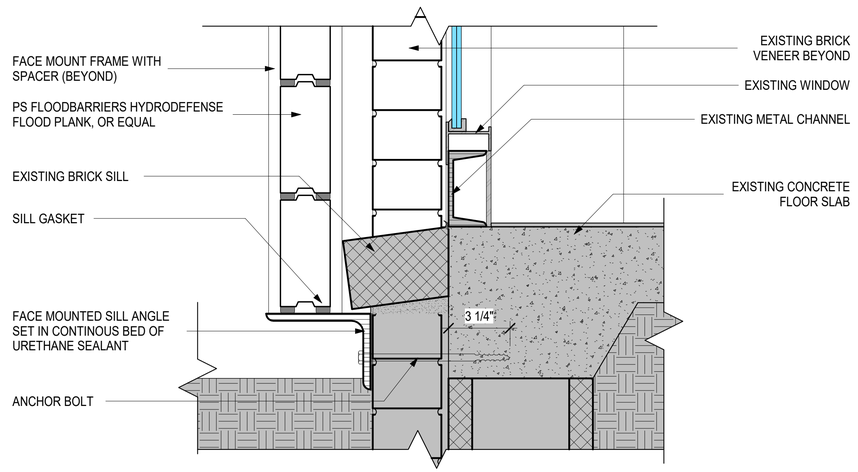
1 DETAIL PLAN @ WINDOW

A520 *SCALE: 3" = 1'-0"*



2 DETAIL SECTION @ WINDOW SILL A

A520 *SCALE: 3" = 1'-0"*



3 DETAIL SECTION @ WINDOW SILL B

A520 *SCALE: 3" = 1'-0"*

GLICK BOEHM ARCHITECTURE
ARCHITECTURE PLANNING INTERIOR DESIGN
493 King Street, Suite 100 Charleston, South Carolina 29403
T:843.577.8877 F:843.722.1768 www.glickboehm.com

REV.	DATE	DESCRIPTION

STATE OF SOUTH CAROLINA
GLICK/BOEHM & ASSOCIATES, INC.
CHARLESTON
NO. B - 80006
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
MYLES IVAN GLICK
CHARLESTON
17819
REGISTERED ARCHITECT

BUILDING 10 FLOODPROOFING

TECHNICAL COLLEGE OF THE LOWCOUNTRY

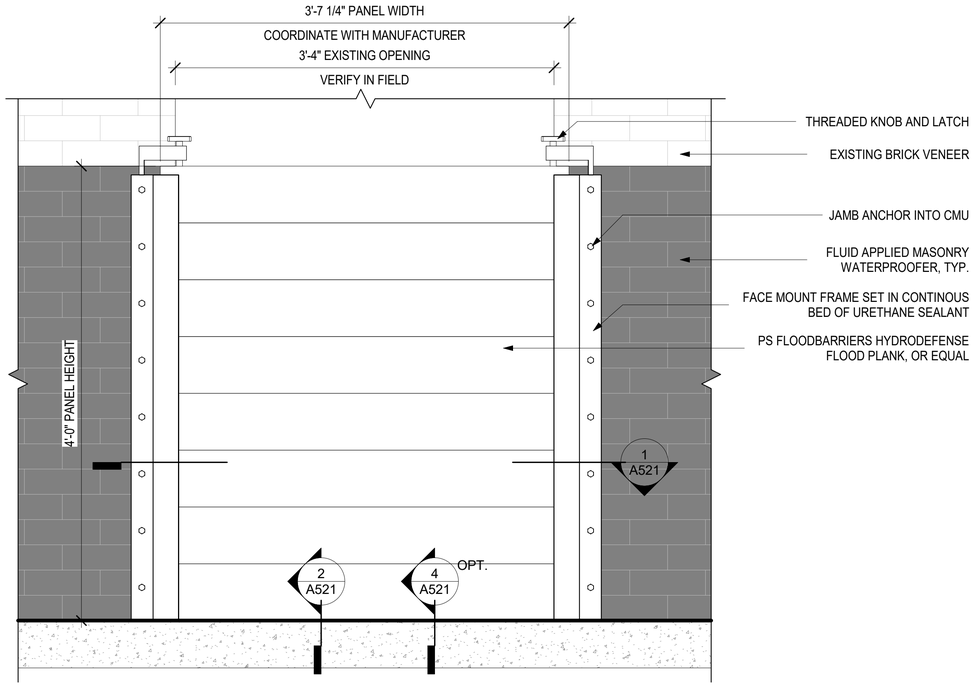
921 RIBAUT ROAD BEAUFORT, SOUTH CAROLINA 29902

JOB NUMBER:	1901
PROJECT MGR.:	KRS
DRAWN BY:	KRS
CHECKED BY:	SM
APPROVED BY:	MG
DATE ISSUED FOR:	
CONTRACT DOCUMENTS	05/06/2019

FLOODPROOF DETAILS @ WINDOW

A520

5/9/2019 5:13:56 PM



3 DETAIL ELEVATION @ SERVICE DOOR

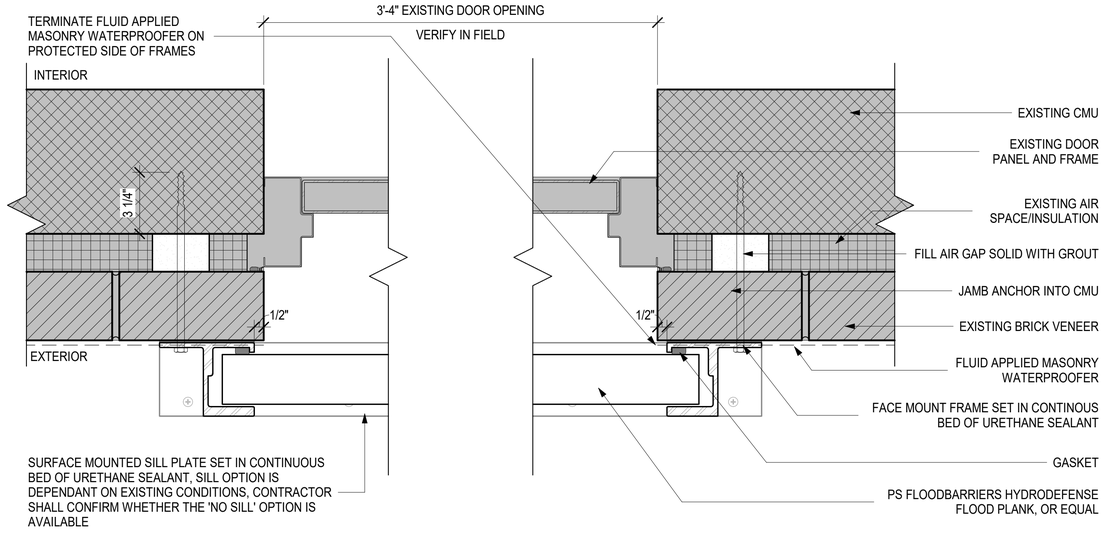
A521 *SCALE: 1 1/2" = 1'-0"*

MASONRY WATERPROOFING

1	BASIS OF DESIGN: PROSOCO SURE KLEAN WEATHER SEAL, SILOXANE PD. FOLLOW ALL MANUFACTURERS INSTALLATION INSTRUCTIONS.
2	REFER TO THE BRICK INDUSTRY ASSOCIATION TECHNICAL NOTE 6A FOR COLORLESS COATINGS FOR BRICK MASONRY PROCEEDURE.
3	APPLY FLUID APPLIED MASONRY WATERPROOFER TO THE EXTERIOR FACE OF THE BRICK VENEER UP TO A HEIGHT OF 4'-0" FROM GRADE.
4	FLUID APPLIED MASONRY WATERPROOFER SHALL TERMINATE ON THE PROTECTED SIDE OF THE FLOOD PANEL MOUNTED FRAMES.
5	REFER TO ENLARGED DETAIL PLANS FOR TERMINATION POINTS OF FLUID APPLIED WATERPROOFING
6	SEAL AROUND ALL EXISTING WALL PENETRATIONS BELOW 4'-0" FROM BOTH SIDES WITH EXPANDING SEALANT

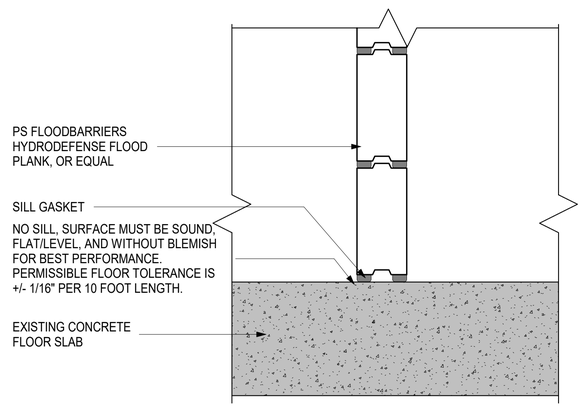
FLOOD PANEL NOTES

1	BASIS OF DESIGN: PS FLOOD BARRIERS, HYDRODEFENSE FLOOD PLANK, MODEL FP 530, OR APPROVED EQUAL.
2	CONTRACTOR SHALL USE THE 'NO SILL' OPTION (4/A521) WHERE EXISTING CONDITIONS MEET THE MANUFACTURERS TOLERANCES.
3	WHERE FLOOD PANEL BOTTOM PLANK SITS ON EXISTING CONCRETE, CONTRACTOR SHALL REVIEW AND INSPECT EXISTING CONDITIONS TO DETERMINE IF THE 'NO SILL' OPTION IS AVAILABLE.
4	WHERE EXISTING CONCRETE CONDITIONS DO NOT MEET THE MANUFACTURERS REQUIREMENTS FOR THE 'NO SILL' OPTION, THE SURFACE MOUNTED PLATE SILL OPTION SHALL BE USED.
5	FLOOD PLANK SILL CONDITION AT THE WINDOWS WILL VARY BASED ON EXISTING CONDITIONS, VERIFY IN FIELD.



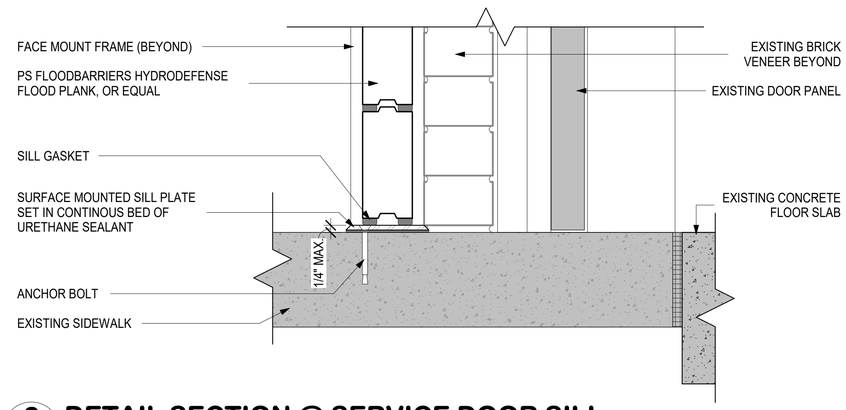
1 DETAIL PLAN @ SERVICE DOOR

A521 *SCALE: 3" = 1'-0"*



4 DETAIL SECTION @ NO SILL (OPTION)

A521 *SCALE: 3" = 1'-0"*



2 DETAIL SECTION @ SERVICE DOOR SILL

A521 *SCALE: 3" = 1'-0"*

GLICK BOEHM ARCHITECTURE
ARCHITECTURE PLANNING INTERIOR DESIGN
493 King Street, Suite 100 Charleston, South Carolina 29403
T:843.577.8877 F:843.722.1768 www.glickboehm.com

REV.	DATE	DESCRIPTION

STATE OF SOUTH CAROLINA
GLICK/BOEHM & ASSOCIATES, INC.
CHARLESTON
NO. B - 80006
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
MYLES IVAN GLICK
CHARLESTON
NO. 11823
REGISTERED ARCHITECT

BUILDING 10 FLOODPROOFING

TECHNICAL COLLEGE OF THE LOWCOUNTRY

921 RIBAUT ROAD
BEAUFORT, SOUTH CAROLINA 29902

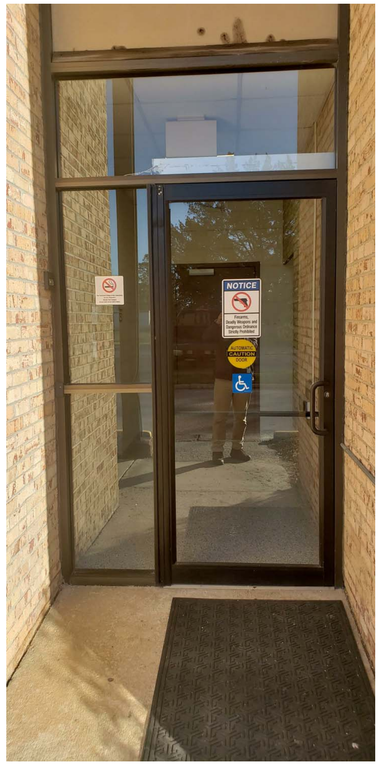
JOB NUMBER:	1901
PROJECT MGR.:	KRS
DRAWN BY:	KRS
CHECKED BY:	SM
APPROVED BY:	MG
DATE ISSUED FOR:	
CONTRACT DOCUMENTS	05/06/2019

FLOODPROOF DETAILS @ SERVICE DOOR

A521

I:\1901 - TCL Bldg. 10 Floodproofing\1 Revit\1901_TCL-BLDG10 (R-17) (CD).rvt

5/10/2019 9:07:05 AM

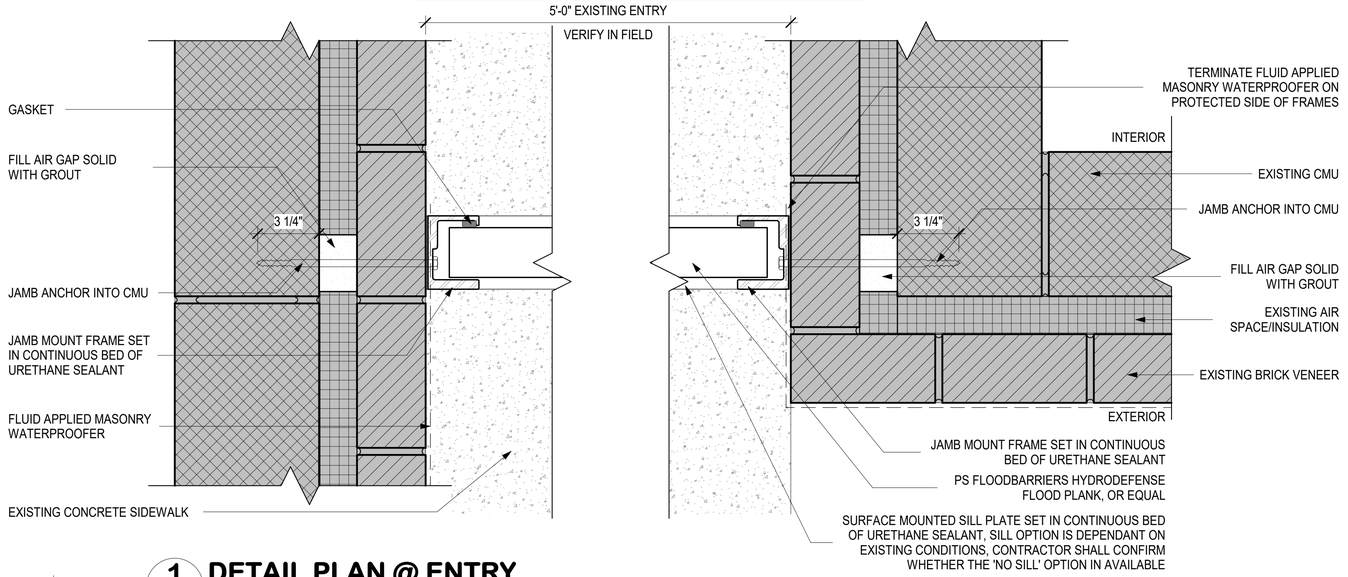


MASONRY WATERPROOFING

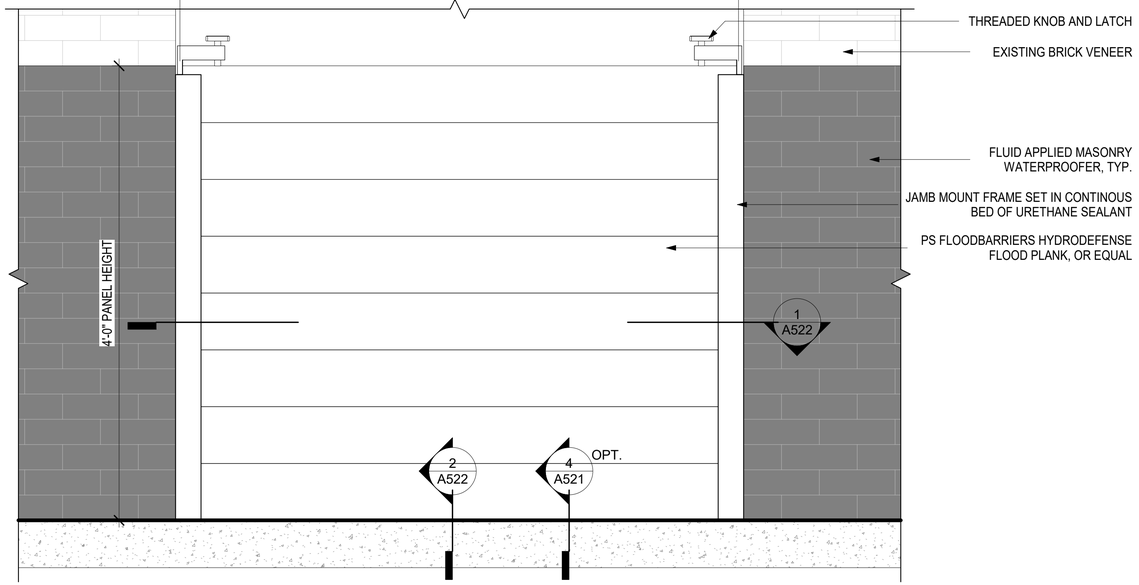
1	BASIS OF DESIGN: PROSOCO SURE KLEAN WEATHER SEAL, SILOXANE PD. FOLLOW ALL MANUFACTURERS INSTALLATION INSTRUCTIONS.
2	REFER TO THE BRICK INDUSTRY ASSOCIATION TECHNICAL NOTE 6A FOR COLORLESS COATINGS FOR BRICK MASONRY PROCEEDURE.
3	APPLY FLUID APPLIED MASONRY WATERPROOFER TO THE EXTERIOR FACE OF THE BRICK VENEER UP TO A HEIGHT OF 4'-0" FROM GRADE.
4	FLUID APPLIED MASONRY WATERPROOFER SHALL TERMINATE ON THE PROTECTED SIDE OF THE FLOOD PANEL MOUNTED FRAMES.
5	REFER TO ENLARGED DETAIL PLANS FOR TERMINATION POINTS OF FLUID APPLIED WATERPROOFING
6	SEAL AROUND ALL EXISTING WALL PENETRATIONS BELOW 4'-0" FROM BOTH SIDES WITH EXPANDING SEALANT

FLOOD PANEL NOTES

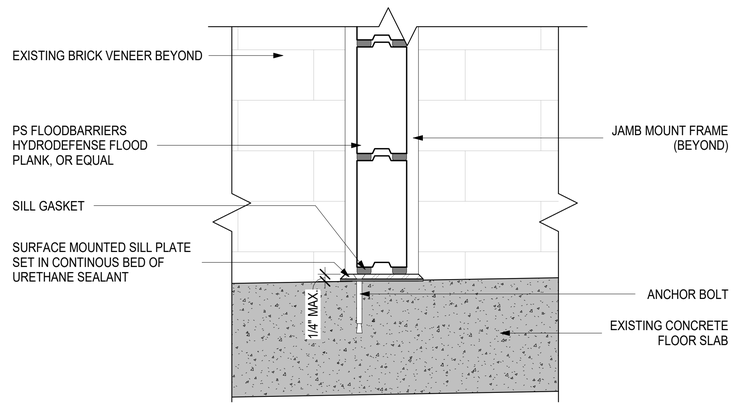
1	BASIS OF DESIGN: PS FLOOD BARRIERS, HYDRODEFENSE FLOOD PLANK, MODEL FP 530, OR APPROVED EQUAL.
2	CONTRACTOR SHALL USE THE 'NO SILL' OPTION (4/A521) WHERE EXISTING CONDITIONS MEET THE MANUFACTURERS TOLERANCES.
3	WHERE FLOOD PANEL BOTTOM PLANK SITS ON EXISTING CONCRETE, CONTRACTOR SHALL REVIEW AND INSPECT EXISTING CONDITIONS TO DETERMINE IF THE 'NO SILL' OPTION IS AVAILABLE.
4	WHERE EXISTING CONCRETE CONDITIONS DO NOT MEET THE MANUFACTURERS REQUIREMENTS FOR THE 'NO SILL' OPTION, THE SURFACE MOUNTED PLATE SILL OPTION SHALL BE USED.
5	FLOOD PLANK SILL CONDITION AT THE WINDOWS WILL VARY BASED ON EXISTING CONDITIONS, VERIFY IN FIELD.



1 DETAIL PLAN @ ENTRY
1 / A522 — SCALE: 3" = 1'-0"



3 DETAIL ELEVATION @ ENTRY
3 / A522 — SCALE: 1 1/2" = 1'-0"



2 DETAIL SECTION @ ENTRY SILL
2 / A522 — SCALE: 3" = 1'-0"

GLICK BOEHM ARCHITECTURE
ARCHITECTURE PLANNING INTERIOR DESIGN
493 King Street, Suite 100 Charleston, South Carolina 29403
T:843.577.8877 F:843.722.1768 www.glickboehm.com

REV.	DATE	DESCRIPTION

STATE OF SOUTH CAROLINA — GLICK/BOEHM & ASSOCIATES, INC. CHARLESTON NO. R - 80006 — REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA — MYLES IVAN GLICK — CHARLESTON ENG/1823 — REGISTERED ARCHITECT

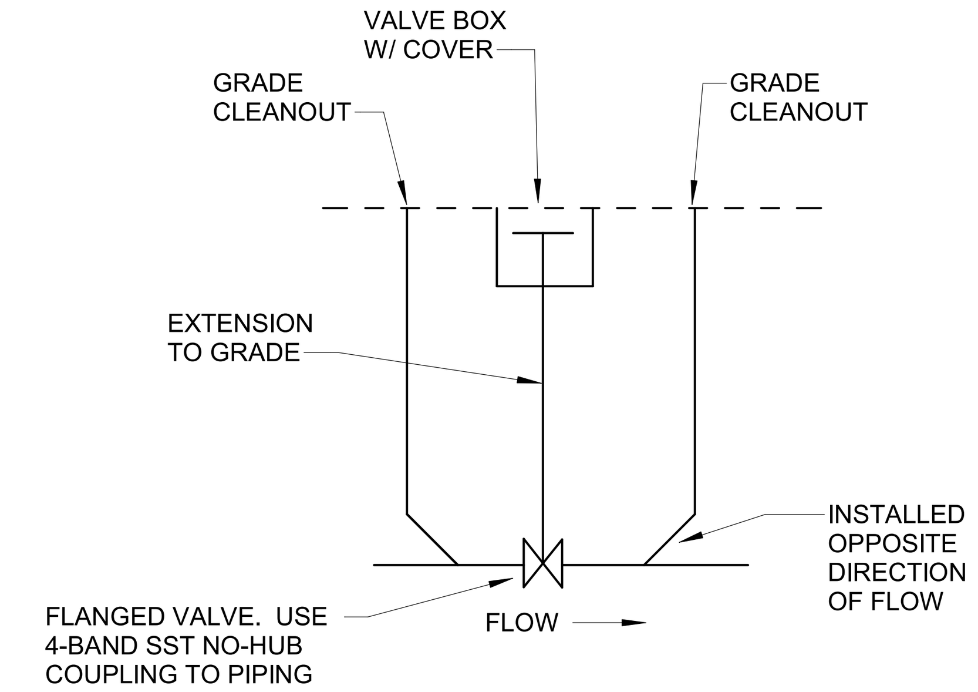
BUILDING 10 FLOODPROOFING
TECHNICAL COLLEGE OF THE LOWCOUNTRY
921 RIBAUT ROAD BEAUFORT, SOUTH CAROLINA 29902

JOB NUMBER:	1901
PROJECT MGR.:	KRS
DRAWN BY:	KRS
CHECKED BY:	SM
APPROVED BY:	MG
DATE ISSUED FOR:	
CONTRACT DOCUMENTS	05/06/2019

FLOODPROOF DETAILS @ ENTRY

A522

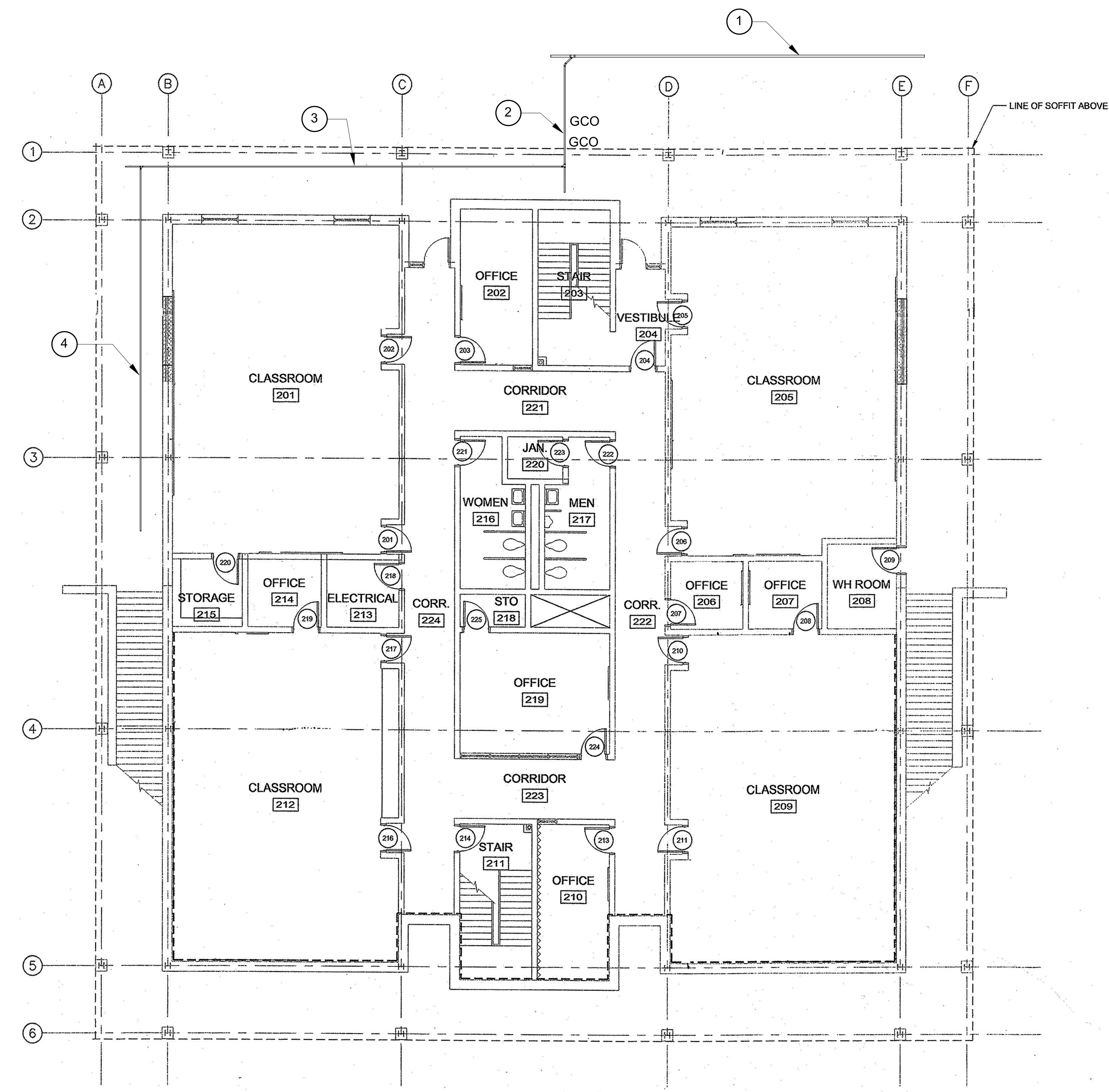
I:\1901 - TCL Bldg. 10 Floodproofing\1 Revit\1901_TCL-BLDG10 (R-17) (CD).rvt



2 / P100 SEWER SHUTOFF VALVE DETAIL
SCALE: NOT TO SCALE

1. EXISTING 8" DIAMETER SEWER LINE ROUTED TO MANHOLE. AS-BUILT DRAWINGS SHOW INVERT AT TIE-IN TO MANHOLE OF 2.20 FEET.
2. PROPOSED LOCATION OF NEW SEWER SHUTOFF VALVE IN 4" DIA SEWER LINE BETWEEN 8" LINE AND TIE-IN FROM LAB WASTE LINE. PREFERRED LOCATION SHALL BE IN LANDSCAPING. COORDINATE FINAL LOCATION WITH A/E IF INDICATED LOCATION IS NOT IN LANDSCAPING. SEE DETAIL FOR ADDITIONAL INFORMATION.
3. EXISTING THREE INCH LAB WASTE LINE. AS-BUILTS INDICATE INVERT ELEVATION OF 3.99 FEET.
4. AS-BUILT LOCATION OF NEUTRALIZATION TANK.

IMAGE OF FRONT OF BUILDING
(ARROW SHOWS ORIENTATION OF VIEW)



1 / P100 PLUMBING - BUILDING 10
NOT TO SCALE

1. ROUTING AND SIZES OF EXISTING PIPING SHOWN BASED ON AS-BUILT DOCUMENTATION AND LIMITED FIELD OBSERVATIONS. CONTRACTOR SHALL LOCATE AND CONFIRM PIPING SIZES, ORIENTATIONS AND LOCATIONS PRIOR TO ORDERING ANY MATERIALS. CONTACT A/E IF PLANS DIFFER FROM ACTUAL CONDITIONS.
2. THE INTENT IS TO PROVIDE A MANUALLY OPERATED SEWER SHUTOFF VALVE IN 4" WASTE LINE THAT IS LOCATED IN LANDSCAPED AREA THAT CAN BE CLOSED BY PERSONNEL WHEN A FLOOD EVENT IS EXPECTED.
3. MANUALLY OPERATED SEWER SHUTOFF VALVE BASIS OF DESIGN SHALL BE 4" NIBCO F-619-RWS-SON 300 PSI IRON BODY GATE VALVE OR APPROVED EQUAL. VALVE SHALL BE PROVIDED WITH OPERATING NUT AND EXTENSION BOX THAT ALLOWS EASY ACCESS FROM GRADE. CONTRACTOR SHALL FURNISH AND TURN-OVER TO OWNER HANDLE THAT EXTENDS UP ABOVE GRADE FOR EASY OPERATION OF VALVE.
4. COORDINATE STORAGE LOCATION FOR OPERATING HANDLE FOR VALVE INSIDE BUILDING (JANITORS CLOSET) AND PROVIDE A WHITE PLASTIC LAMINATE SIGN WITH 3/4" LETTERS THAT READS "SEWER SHUTOFF VALVE HANDLE". MOUNT SIGN IN CONSPICUOUS LOCATION ADJACENT TO HANDLE.
5. THE FINISHED FLOOR ELEVATION OF THE LOWER LEVEL IS INDICATED TO BE 6'-0" ON AS-BUILTS.

GLICK BOEHM ARCHITECTURE
ARCHITECTURE PLANNING INTERIOR DESIGN
493 King Street, Suite 100 Charleston, South Carolina 29403
T:843.577.6377 F:843.722.1768 www.glickboehm.com

DWG CONSULTING ENGINEERS
listen · consult · sustain

REV.	DATE	DESCRIPTION

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
DWG, INC. CONSULTING ENGINEERS No.C03649

SOUTH CAROLINA No. 27045 MARK A. UYAK
05/06/2019

GBA TCL BLDG 10 SEWER SHUTOFF VALVE

GLICK/BOEHM & ASSOCIATES

DWG

JOB NUMBER:	19006
PROJECT MGR.:	
DRAWN BY:	MAU
CHECKED BY:	MAU
APPROVED BY:	MAU
DATE ISSUED FOR:	
CONTRACT DOCUMENTS	05/06/2019

PLUMBING
BLDG 10

P100

5/7/2019 9:59:44 AM

C:\Users\SHolton\Documents\19006-00 GBA TCL BLDG 10 MEP_2017_sholton@dwginc.com.rvt