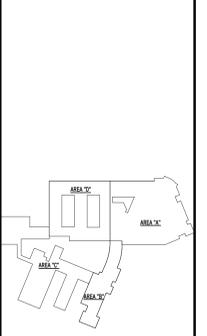


1 FIRST FLOOR KEY PLAN
SCALE: 1/16" = 1'-0"

2 LOWER LEVEL KEY PLAN
SCALE: 1/16" = 1'-0"

REV.	DATE	ITEM

NOTICE
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PROJECT: BRIARCLIFF MANOR U.F.S.D. PHASE 2 BOND IMPROVEMENTS TODD ELEMENTARY SCHOOL 45 INGHAM ROAD, BRIARCLIFF MANOR, NY 10510

DWG TITLE: OVERALL KEY PLAN

DRWG. BY: R.K.
CHK. BY: G.E.O.

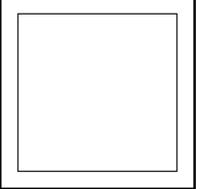
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SED No.	66-14-02-02-0-002-021
DISTRICT	BRIARCLIFF MANOR U.F.S.D.
PROJECT	PHASE 2 BOND IMPROVEMENTS
DWG TITLE	OVERALL KEY PLAN
SCALE	AS NOTED
DATE	11/15/2022
BID PLOT DATE	2:00:32 PM
FILE NO.	21-274D

A0.02 TES



1 FIRST FLOOR ABATEMENT PLAN
SCALE: 1/16" = 1'-0"

2 LOWER LEVEL ABATEMENT PLAN
SCALE: 1/16" = 1'-0"

REV.	DATE	ITEM

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**BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVEMENTS
TODD ELEMENTARY SCHOOL
45 INGHAM ROAD, BRIARCLIFF MANOR, NY 10510**

ABATEMENT PLAN

- ASBESTOS CONTAINING CEMENTITIOUS WINDOW SILLS (WHITE)
- ASBESTOS CONTAINING TAR AT FOUNDATION WALL
- ASBESTOS CONTAINING WOOD DOOR FRAME CAULKING (GRAY)
- ASBESTOS CONTAINING DOOR FRAME CAULKING (BECG) AND EXPANSION JOINT CAULKING (GRAY)
- ASBESTOS CONTAINING SEALANT (GRAY) AT BRICK EXPANSION JOINT

- GENERAL ABATEMENT NOTES**
1. ALL LEAD, ASBESTOS AND/OR PCB REMOVAL BY G.C. THE CONTRACTOR SHALL PERFORM A SITE INSPECTION PRIOR TO SUBMITTING A BID TO REVIEW AND QUANTIFY ALL ASBESTOS, LEAD AND/OR PCB CONTAINING CONSTRUCTION MATERIALS TO BE REMOVED OR AFFECTED BY THE PROPOSED SCOPE OF WORK.
 2. REFER TO SPECIFICATIONS, INFORMATION TO BIDDERS FOR LEAD/ASBESTOS INSPECTION AND TESTING REPORTS FOR ADDITIONAL INFORMATION.
 3. REFER TO SPECIFICATIONS, INFORMATION TO BIDDERS FOR LEAD/ASBESTOS INSPECTION AND TESTING REPORTS FOR ADDITIONAL INFORMATION.
 4. EACH CONTRACTOR PERFORMING WORK WITHIN OR ADJACENT TO ASBESTOS CONTAINING CONSTRUCTION MATERIALS SHALL EXERCISE EXTREME CAUTION TO NOT DAMAGE OR DISTURB EXISTING MATERIALS TO REMAIN. EACH CONTRACTOR SHALL BE OBTAIN OSHA ASBESTOS TRAINING CERTIFIED TO PERFORM SPECIFIED WORK IN ADJACENT TO CONTAMINATED SPECIFICATIONS. EACH CONTRACTOR IS RESPONSIBLE FOR PROPER DISPOSABLE CLOTHING AND/OR MASKS IF REQUIRED.

- FLUORESCENT BULB NOTES**
- ALL EXISTING FLUORESCENT BULBS TO BE REMOVED SHALL BE CONSIDERED HAZARDOUS WASTE AND SHOULD BE SHAKED AND DISPOSED OF IN ACCORDANCE WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (DEC) & UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA) RULES, REGULATIONS & GUIDELINES.

- ASBESTOS KEY NOTES**
- (A) AREAS INDICATED: ASBESTOS CONTAINING DEBRIS IN CRAWL SPACE
- REFER TO PRE-CONSTRUCTION SURVEY, BULK SAMPLING AND ANALYSIS OF SUSPECT ASBESTOS CONTAINING MATERIALS INFORMATION AVAILABLE TO BIDDERS FOR ASBESTOS CONTAINING CONSTRUCTION MATERIALS NOT IDENTIFIED BY KEYNOTES WHICH MAY BE SHOWN AS CONSTRUCTION OR POTENTIALLY DISTURBED AS A RESULT OF THE PROPOSED RENOVATIONS.

- ASBESTOS, LEAD, AND PCB NOTES**
1. ALL CONTRACTORS SHALL BE ADVISED THAT THE SCHOOL DISTRICT HAS SOLICITED AN INDEPENDENT TESTING COMPANY TO INSPECT AND TEST ALL AREAS OF THE EXISTING BUILDING WHICH ARE SCHEDULED TO BE DISTURBED DURING CONSTRUCTION FOR THE PRESENCE OF ASBESTOS, LEAD AND/OR PCB CONTAINING CONSTRUCTION MATERIALS.
 2. RESULTS OF THE INSPECTIONS AND TESTS INDICATE THAT THE EXISTING BUILDING HAS TESTED POSITIVE FOR THE PRESENCE OF ASBESTOS, LEAD AND/OR PCB CONTAINING CONSTRUCTION MATERIALS. REFER TO SPECIFICATIONS FOR DESCRIPTION OF LOCATION, MATERIALS AND SAMPLE NUMBERS.
 3. ALL DISTURBANCE, REMOVAL, OR DEMOLITION WORK TO THESE IDENTIFIED AREAS MUST BE PERFORMED IN CONFORMANCE WITH THE GUIDELINES AS OUTLINED IN THE PROJECT MANUAL AND APPLICABLE LOCAL, STATE AND/OR FEDERAL REGULATIONS.

- LEAD CONTAINING KEY NOTES**
- (LCP) REMOVE FROM THE AREA INDICATED: LEAD CONTAINING PAINT. (REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION)
- DESIGNATED KEY NOTES INDICATE MATERIALS TO BE REMOVED AND PROPERLY DISPOSED OF UNDER THIS PROJECT. REFER TO THE PRE-CONSTRUCTION LEAD MATERIALS INSPECTION AND SAMPLING REPORT INFORMATION AVAILABLE TO BIDDERS FOR LEAD CONTAINING CONSTRUCTION MATERIALS TO REMAIN OR POTENTIALLY DISTURBED AS A RESULT OF THE PROPOSED RENOVATIONS.

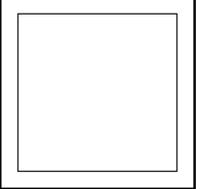
PROJECT: DWG. BY: R.K.
CHK. BY: G.E.O.

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SED. NO. 66-14-02-02-0-002-021

DISTRICT: BRIARCLIFF MANOR U.F.S.D.

PROJECT: PHASE 2 BOND IMPROVEMENTS

DWG. TITLE: ABATEMENT PLAN

SCALE: AS NOTED
DATE: 11/15/2022
BID P/L DATE: 2:00 PM
FILE NO.: 21-274D

A1.00 TES

DEMOLITION LEGEND	
	EXISTING CONSTRUCTION TO BE REMOVED. PATCH ALL SURFACES AFFECTED BY DEMOLITION WORK. COORDINATE EXTENT OF DEMOLITION WORK WITH PROPOSED CONSTRUCTION.
	EXISTING FLOOR SLAB TO BE SAWCUT TO ACCOMMODATE NEW UNDER SLAB UTILITIES AND MODIFICATIONS. REFER TO TYPICAL SAWCUT DETAIL FOR ADDITIONAL INFORMATION.

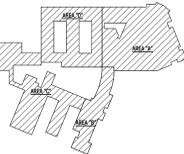
DEMOLITION AND REMOVAL NOTES:

- 1 G.C. TO REMOVE AND DISPOSE OF EXISTING CMU PARTITION WALL AND TILE IN ITS ENTIRETY.
- 1A EXISTING METAL STUD AND GYP. BD. PARTITION TO BE REMOVED IN ITS ENTIRETY BY G.C. INCLUDING ANY WALL DOORS, FRAMES, TRIM, VISION PANELS, MECHANICAL AND ELECTRICAL DEVICES, WALL FINISHES, ETC. TO COORDINATE REMOVALS WITH ALL TRADES. REFER TO STRUCTURAL DRAWINGS FOR LOAD BEARING WALL LOCATIONS AND ASSOCIATED REQUIRED WORK SCOPE.
- 1B G.C. TO REMOVE AND DISPOSE OF EXISTING POURED CONCRETE AND CMU PARTITION WALL AND TILE IN ITS ENTIRETY.
- 2 REMOVE AND DISPOSE OF EXISTING HUNG CEILING AND GRID IN ITS ENTIRETY TO ALLOW FOR NEW. G.C. SHALL REMOVE ALL LIGHTING. E.C. TO PROVIDE ALL DISCONNECTS.
- 3 REMOVE, STORE, AND REINSTALL EXISTING HUNG CEILING TILES AS REQUIRED FOR MECHANICAL WORK. EXISTING CEILING GRID TO REMAIN. G.C. TO COORDINATE WITH M.C.
- 4 G.C. SHALL REMOVE EXISTING TILE FLOOR AND BASE IN ITS ENTIRETY DOWN TO EXISTING CONCRETE SUBSTRATE. PATCH/REPAIR EXISTING CONCRETE SUBSTRATE AS REQUIRED FOR NEW FLOOR FINISH.
- 5 G.C. SHALL REMOVE AND DISPOSE OF EXISTING ABANDONED DUCTWORK. G.C. SHALL MAKE PENETRATIONS TO FIT NEW VENTILATION SYSTEM AND FINISH TO MATCH. PROVIDE LINTEL WHERE NEEDED.
- 6 P.C. SHALL REMOVE AND DISPOSE OF EXISTING PLUMBING FIXTURES. REMOVE CARRIERS AND PLUMBING AS NEEDED. COORDINATE WITH PLUMBING DRAWINGS AND NEW CONSTRUCTION PLANS.
- 6A P.C. SHALL REMOVE AND RE-INSTALL OF EXISTING PLUMBING FIXTURES. RELOCATE CARRIERS AND PLUMBING AS NEEDED. COORDINATE WITH PLUMBING DRAWINGS AND NEW CONSTRUCTION PLANS.
- 7 G.C. SHALL REMOVE AND DISPOSE OF EXISTING WINDOWS, HARDWARE AND FRAMES IN THEIR ENTIRETY. PREP/PATCH WALL OPENING FOR NEW WALL INFILL.
- 8 G.C. SHALL REMOVE EXISTING DOOR/FRAME/HARDWARE IN ITS ENTIRETY.
- 9 G.C. SHALL REMOVE AND DISPOSE OF EXISTING TOILET ROOM PARTITION STALLS.
- 10 P.C. SHALL REMOVE AND DISPOSE OF EXISTING WATER CLOSETS IN ITS ENTIRETY.
- 11 P.C. SHALL REMOVE AND DISPOSE OF EXISTING SINKS AND CARRIERS AND PLUMBING.
- 12 G.C. SHALL REMOVE AND DISPOSE OF EXISTING COUNTERTOP.
- 13 G.C. SHALL REMOVE AND DISPOSE EXISTING RECESSED TRASH BIN.
- 14 G.C. SHALL REMOVE AND DISPOSE EXISTING DOOR AND REPLACE FOR A NEW DOOR PER SCHEDULE. EXISTING METAL FRAME TO REMAIN, PATCH AND REPAIR AS NEEDED, AND PAINT.

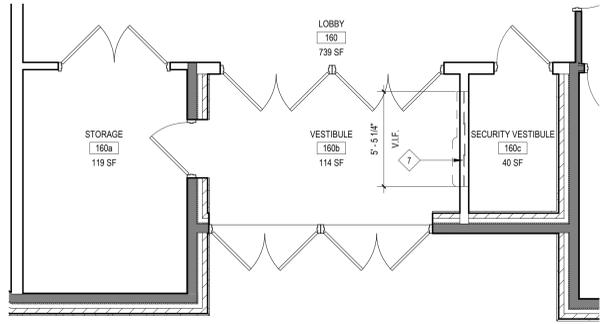
REV.	DATE	ITEM

NOTICE

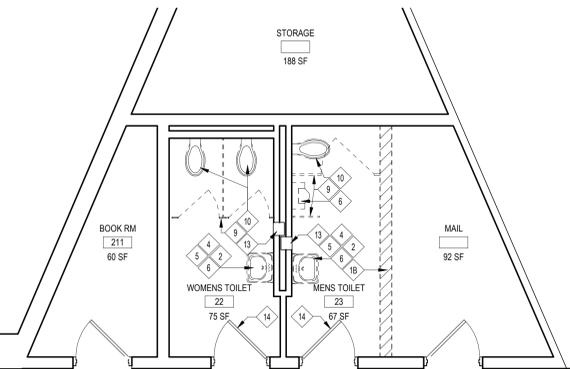
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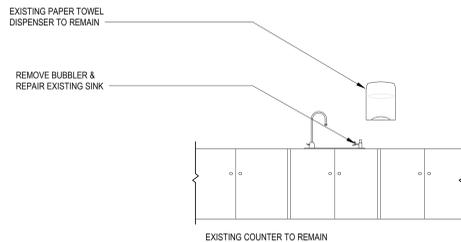
KEY PLAN
NO SCALE



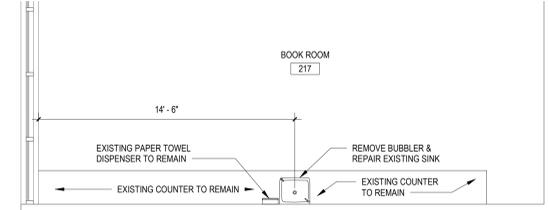
4 DEMO PLAN @ MAIN SECURITY VESTIBULE
SCALE: 1/4" = 1'-0"



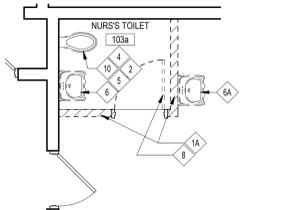
3 DEMO PLAN @ TOILET ROOMS 22 & 23
SCALE: 1/4" = 1'-0"



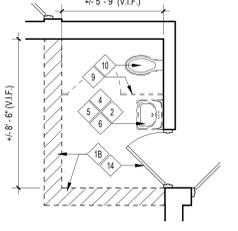
6 EXISTING ELEVATION @ 217 SINK
SCALE: 1/2" = 1'-0"



5 DEMO PLAN @ BOOK ROOM 217
SCALE: 1/4" = 1'-0"



2 DEMO PLAN @ NURSES BATHROOM
SCALE: 1/4" = 1'-0"



1 DEMO PLAN TOILET ROOM 43
SCALE: 1/4" = 1'-0"

PROJECT: BRIARCLIFF MANOR U.F.S.D., PHASE 2 BOND IMPROVEMENTS, TODD ELEMENTARY SCHOOL, 45 INGHAM ROAD, BRIARCLIFF MANOR, NY 10510
 DWG TITLE: DEMO PLAN RESTROOM AND VESTIBULE

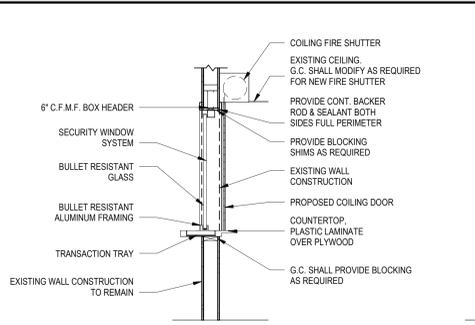
DRWG. BY: R.K.
CHK. BY: G.E.O.

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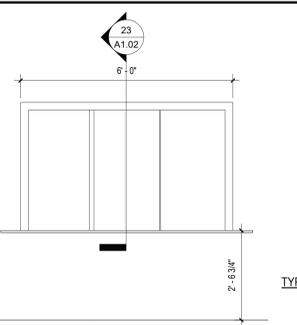
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 PROJECT: PHASE 2 BOND IMPROVEMENTS
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 SCALE: AS NOTED
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 BID PAU DATE: 2:00 PM
 FILE NO.: 21-274D

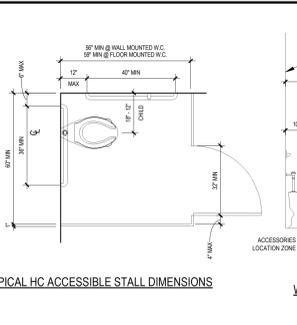
A1.01 TES



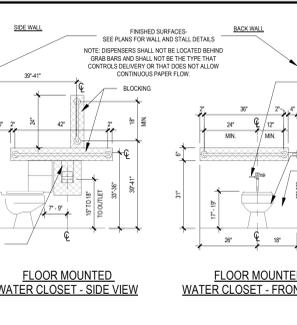
23 SECTION @ TRANSACTION WINDOW
SCALE: 1/2" = 1'-0"



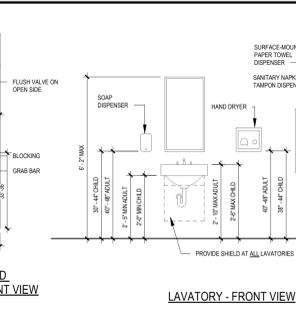
22 INTERIOR ELEVATION @ VESTIBULE
SCALE: 1/2" = 1'-0"



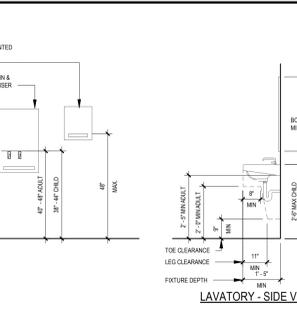
TYPICAL HC ACCESSIBLE STALL DIMENSIONS



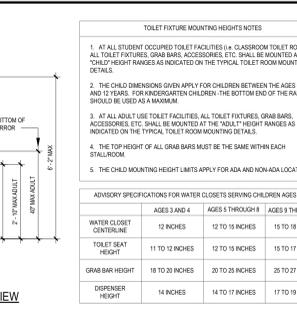
FLOOR MOUNTED WATER CLOSET - SIDE VIEW



FLOOR MOUNTED WATER CLOSET - FRONT VIEW



LAVATORY - FRONT VIEW



LAVATORY - SIDE VIEW

TOILET FIXTURE MOUNTING HEIGHTS NOTES

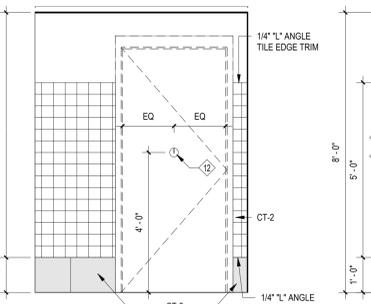
- AT ALL STUDENT OCCUPIED TOILET FACILITIES (i.e. CLASSROOM TOILET ROOMS) ALL TOILET FIXTURES, GRAB BARS, ACCESSORIES, ETC. SHALL BE MOUNTED AT THE "CHILD" HEIGHT RANGES AS INDICATED ON THE TYPICAL TOILET ROOM MOUNTING DETAILS.
- THE CHILD DIMENSIONS GIVEN APPLY FOR CHILDREN BETWEEN THE AGES OF 4 AND 12 YEARS. FOR KINDERGARTEN CHILDREN, THE BOTTOM END OF THE RANGES SHOULD BE USED AS A MINIMUM.
- AT ALL ADULT USE TOILET FACILITIES, ALL TOILET FIXTURES, GRAB BARS, ACCESSORIES, ETC. SHALL BE MOUNTED AT THE "ADULT" HEIGHT RANGES AS INDICATED ON THE TYPICAL TOILET ROOM MOUNTING DETAILS.
- THE TOP HEIGHT OF ALL GRAB BARS MUST BE THE SAME WITH EACH STALLROOM.
- THE CHILD MOUNTING HEIGHT LIMITS APPLY FOR ADA AND NON-ADA LOCATIONS.

ADVISORY SPECIFICATIONS FOR WATER CLOSETS SERVING CHILDREN AGES 5-12			
AGES 3 AND 4	AGES 5 THROUGH 8	AGES 9 THROUGH 12	
WATER CLOSET CENTERLINE	12 INCHES	12 TO 13 INCHES	15 TO 18 INCHES
TOILET SEAT HEIGHT	11 TO 12 INCHES	12 TO 13 INCHES	15 TO 17 INCHES
GRAB BAR HEIGHT	18 TO 20 INCHES	20 TO 25 INCHES	25 TO 27 INCHES
DISPENSER HEIGHT	14 INCHES	14 TO 17 INCHES	17 TO 19 INCHES

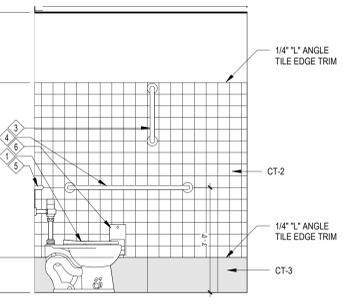
- TOILET KEY NOTES**
- NOTE:
G.C. & P.C. COORDINATE ADA ACCESSIBLE FIXTURES LOCATION WITH PLANS.
SEE A1.02 FOR TOILET ROOM MOUNTING STANDARDS.
- SYMBOL DENOTES ADA COMPLIANCE PLUMBING FIXTURE
- P.C. TO FURNISH AND INSTALL ALL NEW FLOOR MOUNTED WATER CLOSET AND FLUSHMETER.
 - P.C. TO FURNISH AND INSTALL NEW LAVATORY AND FAUCET.
 - G.C. TO FURNISH AND INSTALL NEW 18" GRAB BAR.
 - G.C. TO FURNISH AND INSTALL NEW 42" GRAB BAR.
 - G.C. TO FURNISH AND INSTALL NEW 36" GRAB BAR.
 - OWNER TO FURNISH AND G.C. TO INSTALL NEW TOILET PAPER DISPENSER.
 - G.C. TO FURNISH AND INSTALL NEW HAND DRYER.
 - G.C. TO COORDINATE LOCATION WITH E.C.
 - OWNER TO FURNISH AND G.C. TO INSTALL NEW SOAP DISPENSER.
 - P.C. TO FURNISH AND INSTALL NEW FLOOR DRAINS. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
 - G.C. TO FURNISH AND INSTALL NEW FLAT MIRROR.
 - G.C. TO FURNISH AND INSTALL NEW SANITARY NAPKIN & TAMPON DISPENSER. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
 - G.C. TO FURNISH AND INSTALL COATROBE HOOK BRADLEY CONCEALED MOUNTING CHROME-PLATED ROBE HOOK, ON BACK OF DOOR.
 - G.C. TO FURNISH AND INSTALL SURFACE-MOUNTED PAPER TOWEL DISPENSER PER SPECS.

BIDDER NOTE

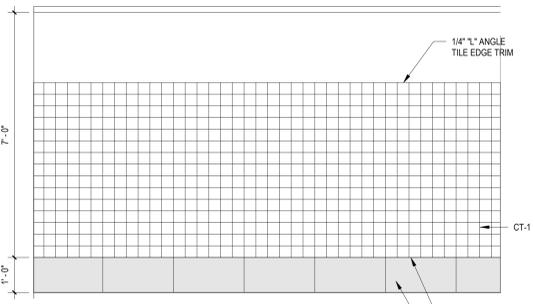
NOTE:
ADD ALTERNATE # 1 TO BASE BID GC-2
PROVIDE ADDITIONAL WALL TILE TO CEILING ABOVE THE BASE BID WANSNOT HEIGHT TYPICAL FOR ALL TOILETS ROOMS 22, 23 AND NURSES OFFICE.
ADD ALTERNATE # 2 TO BASE BID GC-2
PROVIDE RECONSTRUCTION FOR TOILET ROOM 43



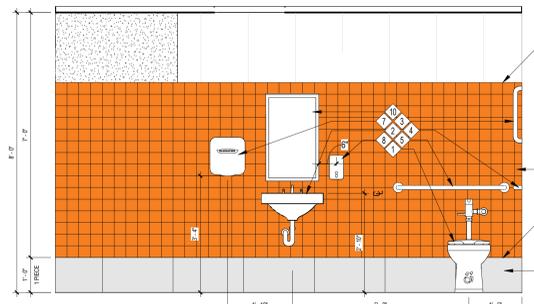
21 INT. ELEV. D @ BOY'S RESTROOM
SCALE: 1/2" = 1'-0"



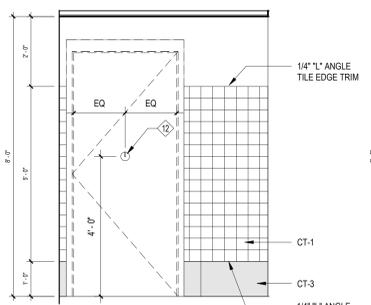
20 INT. ELEV. C @ BOY'S RESTROOM
SCALE: 1/2" = 1'-0"



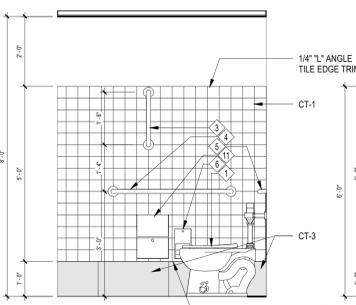
19 INTERIOR ELEVATION B @ BOY'S RESTROOM
SCALE: 1/2" = 1'-0"



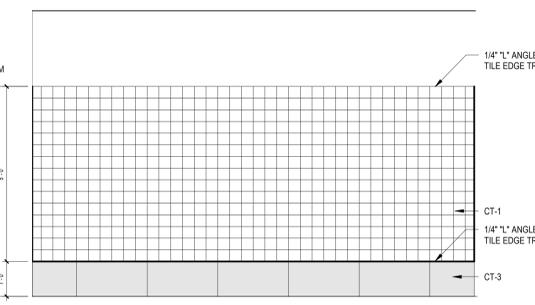
18 INTERIOR ELEVATION A @ BOY'S RESTROOM
SCALE: 1/2" = 1'-0"



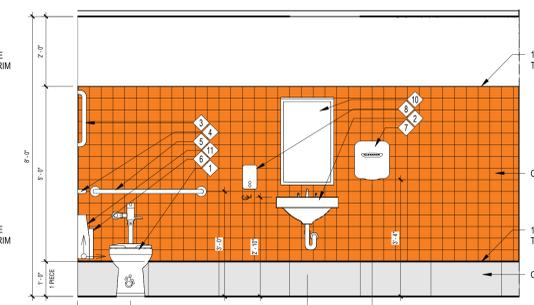
17 INT. ELEV. D @ GIRL'S RESTROOM
SCALE: 1/2" = 1'-0"



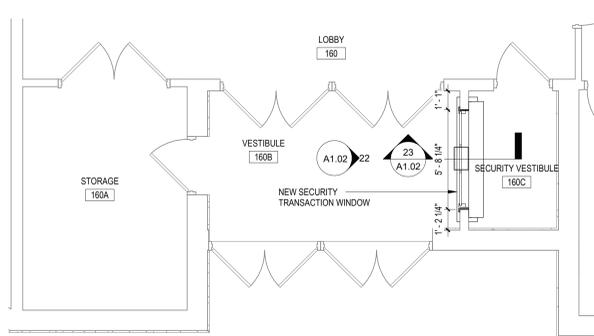
16 INT. ELEV. C @ GIRL'S RESTROOM
SCALE: 1/2" = 1'-0"



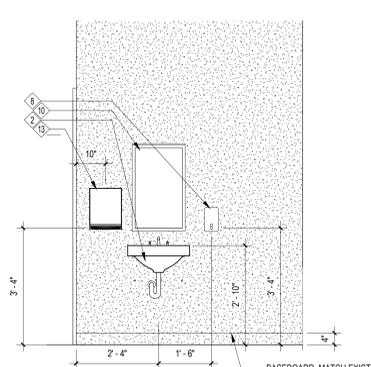
15 INTERIOR ELEVATION B @ GIRL'S RESTROOM
SCALE: 1/2" = 1'-0"



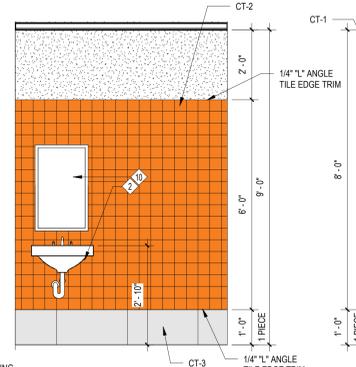
14 INTERIOR ELEVATION A @ GIRL'S RESTROOM
SCALE: 1/2" = 1'-0"



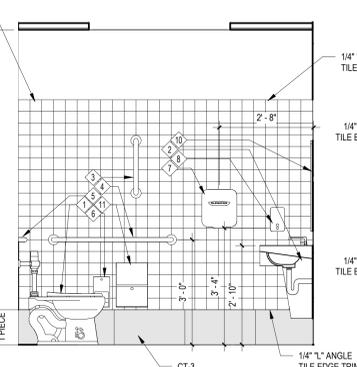
4 PROPOSED PLAN @ MAIN SECURITY VESTIBULE
SCALE: 1/4" = 1'-0"



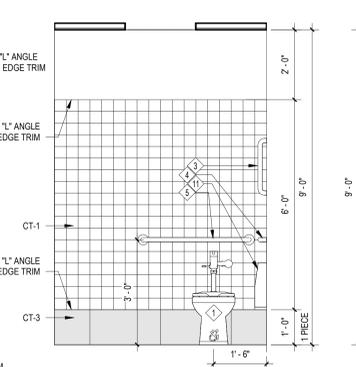
13 NURSE'S ROOM
SCALE: 1/2" = 1'-0"



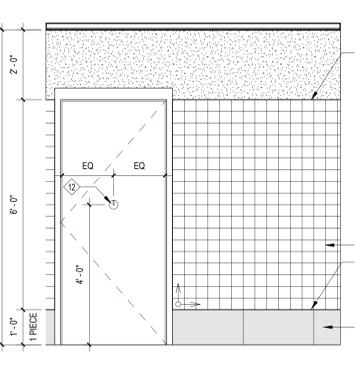
12 INT. ELEV. D @ NURSES TOILET
SCALE: 1/2" = 1'-0"



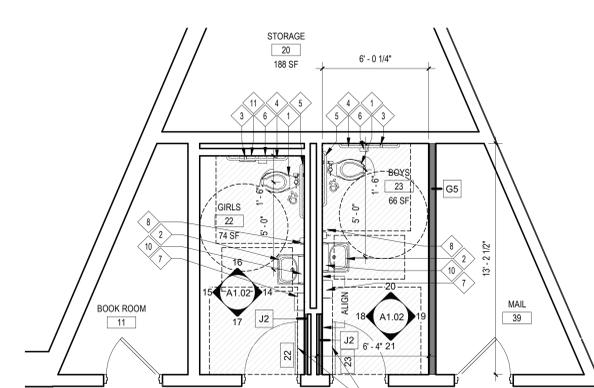
11 INT. ELEV. C @ NURSES TOILET
SCALE: 1/2" = 1'-0"



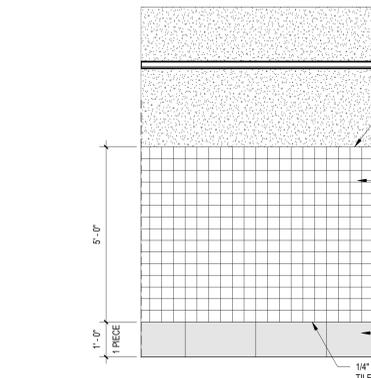
10 INT. ELEV. B @ NURSES TOILET
SCALE: 1/2" = 1'-0"



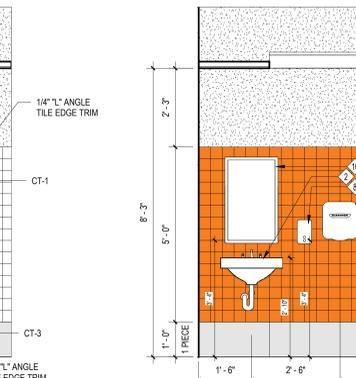
9 INT. ELEV. A @ NURSES TOILET
SCALE: 1/2" = 1'-0"



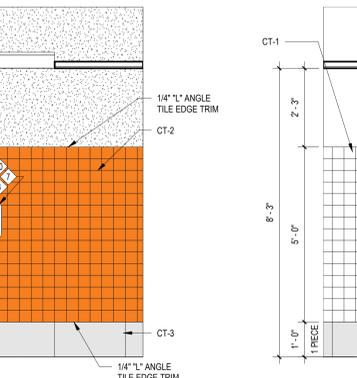
3 PROPOSED PLAN @ TOILET ROOMS 22 & 23
SCALE: 1/4" = 1'-0"



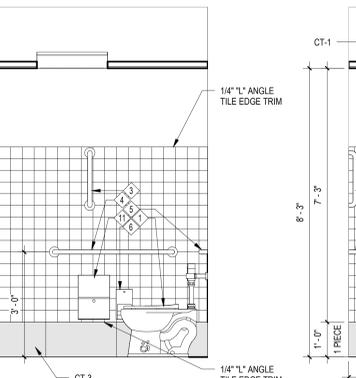
8 INTERIOR ELEVATION D @ TOILET ROOM 43
SCALE: 1/2" = 1'-0"



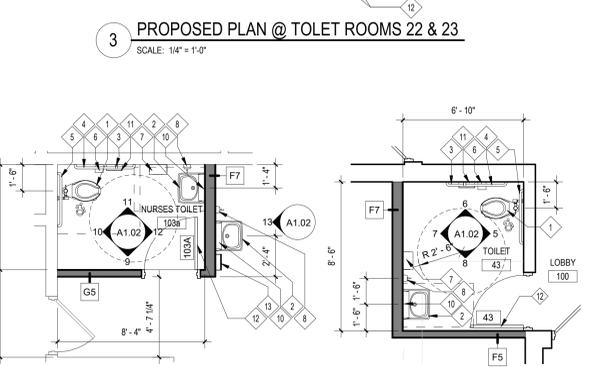
7 INTERIOR ELEVATION C @ TOILET ROOM 43
SCALE: 1/2" = 1'-0"



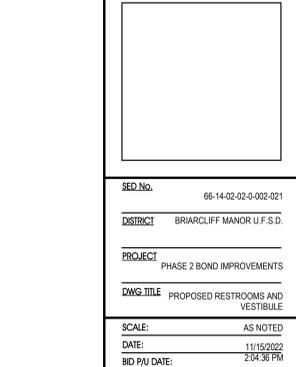
6 INTERIOR ELEVATION B @ TOILET ROOM 43
SCALE: 1/2" = 1'-0"



5 INTERIOR ELEVATION A @ TOILET ROOM 43
SCALE: 1/2" = 1'-0"



2 PROPOSED PLAN @ NURSES BATHROOM
SCALE: 1/4" = 1'-0"



1 PROPOSED TOILET PLAN ROOM 43
SCALE: 1/4" = 1'-0"

REV.	DATE	ITEM

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BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVEMENTS
TODD ELEMENTARY SCHOOL
45 INGHAM ROAD, BRIARCLIFF MANOR, NY 10510

PROPOSED RESTROOMS AND VESTIBULE

PROJECT: DWG/TITLE

DRWG. BY: R.K.
CHK. BY: G.E.O.

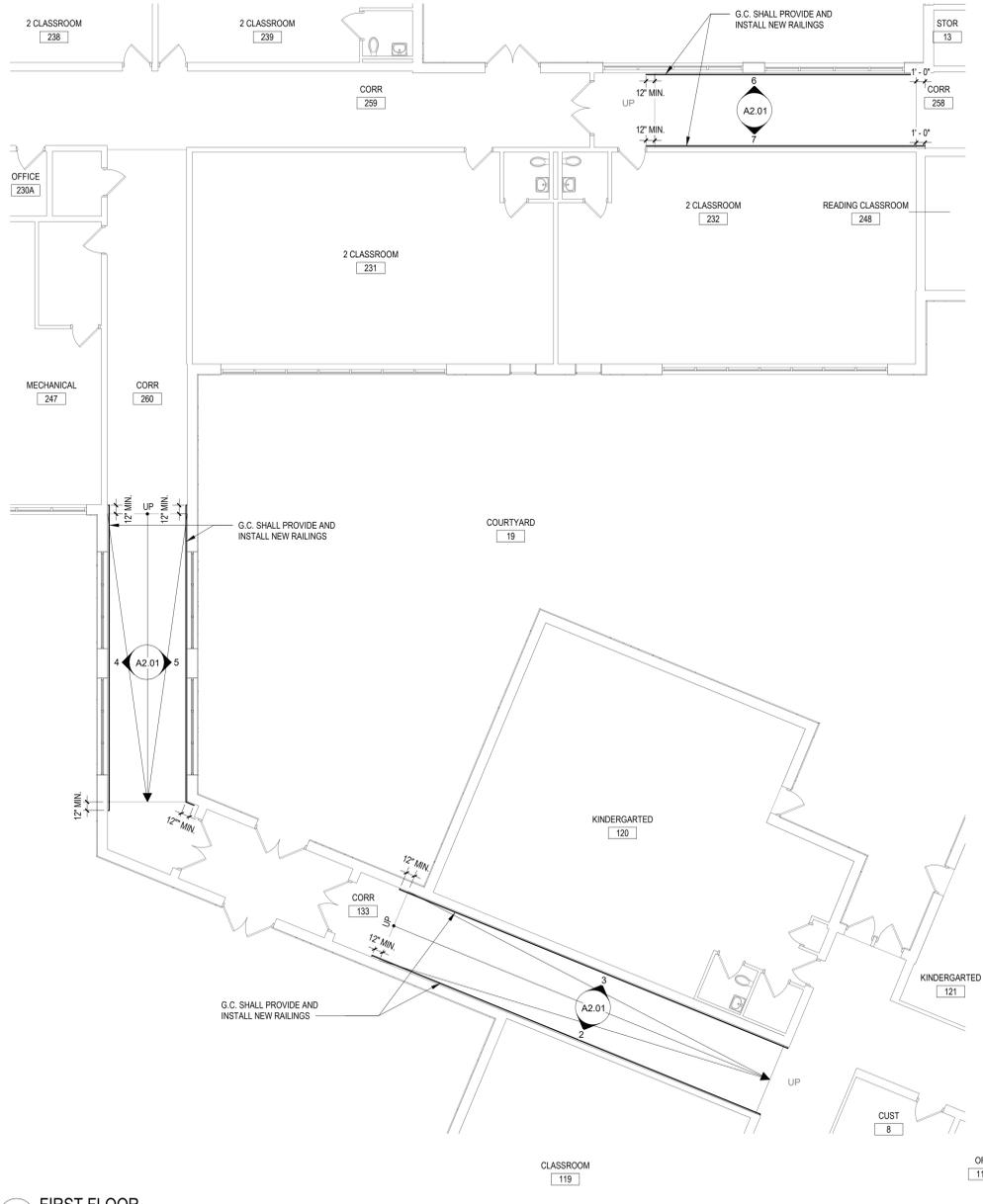
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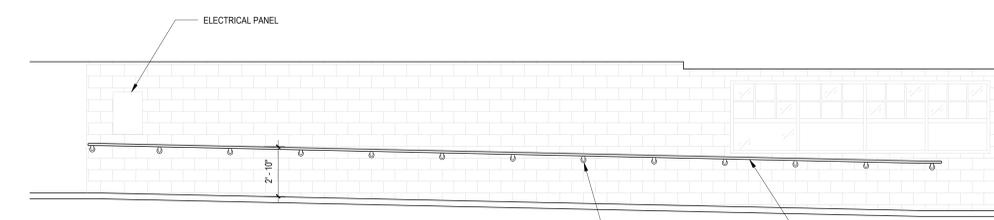
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DISTRICT	BRIARCLIFF MANOR U.F.S.D.
PROJECT	PHASE 2 BOND IMPROVEMENTS
DWG. TITLE	PROPOSED RESTROOMS AND VESTIBULE
SCALE:	AS NOTED
DATE:	11/15/2022
BID P/L DATE:	2:04:36 PM
FILE NO.	21-274D

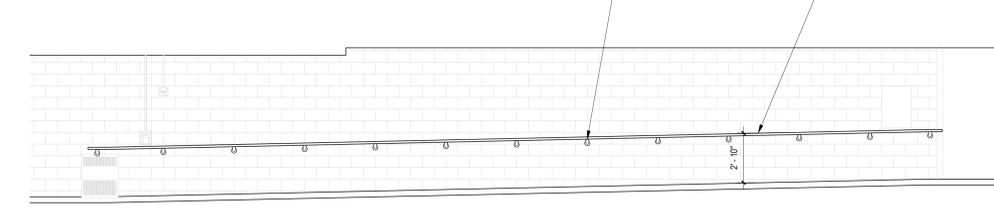
A1.02 TES



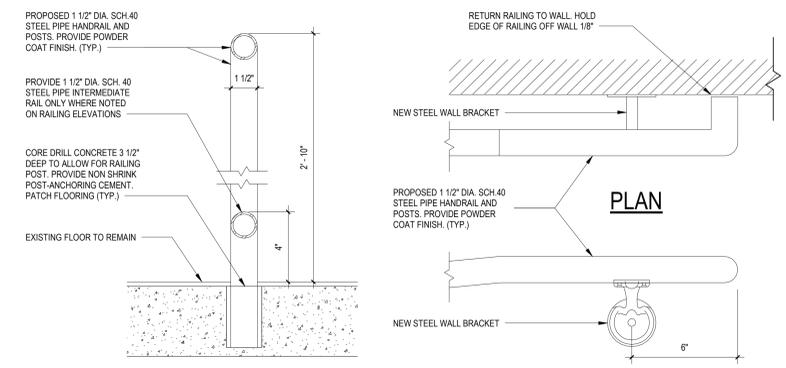
1 FIRST FLOOR
SCALE: 1/8" = 1'-0"



2 PROPOSED RAILING ELEVATION 02
SCALE: 1/4" = 1'-0"



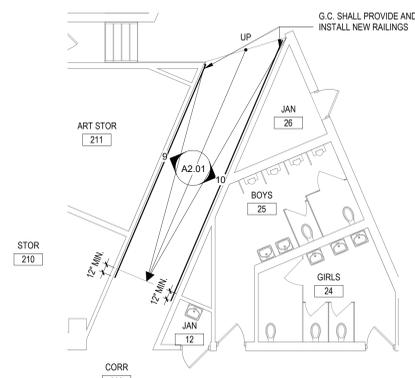
3 PROPOSED RAILING ELEVATION 03
SCALE: 1/4" = 1'-0"



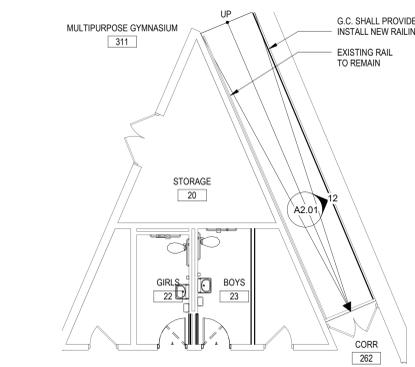
SECTION @ POST RAILING

ELEVATION

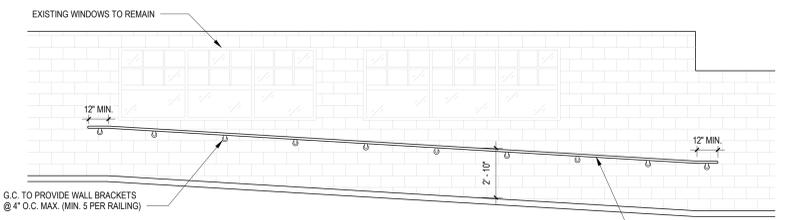
13 RAIL DETAILS
SCALE: 3" = 1'-0"



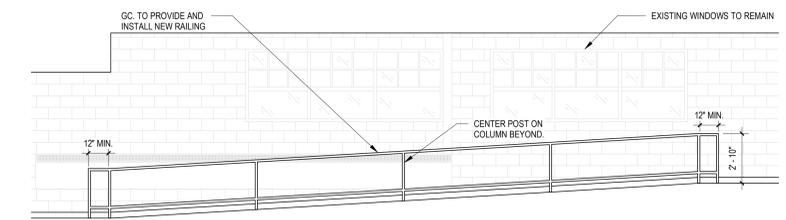
8 PROPOSED RAILING PLAN NEAR BATHROOM 25
SCALE: 1/8" = 1'-0"



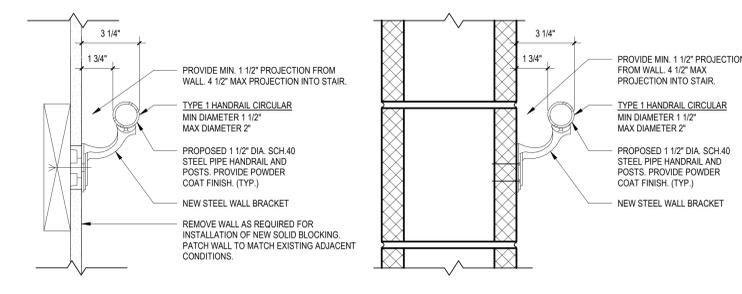
11 PROPOSED RAILING PLAN NEAR BATHROOM 23
SCALE: 1/8" = 1'-0"



4 PROPOSED RAILING ELEVATION 04
SCALE: 1/4" = 1'-0"

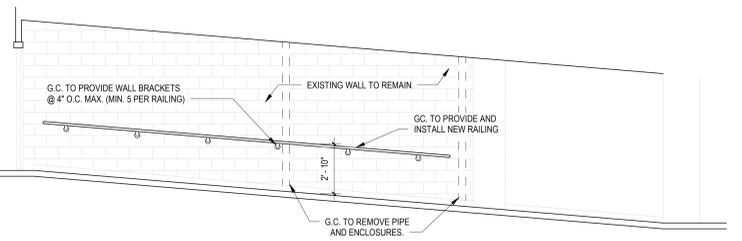


5 PROPOSED RAILING ELEVATION 05
SCALE: 1/4" = 1'-0"

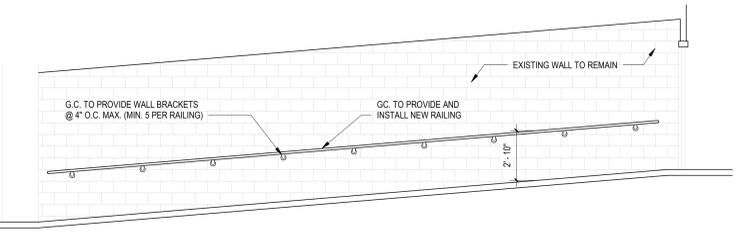


SECTION 1

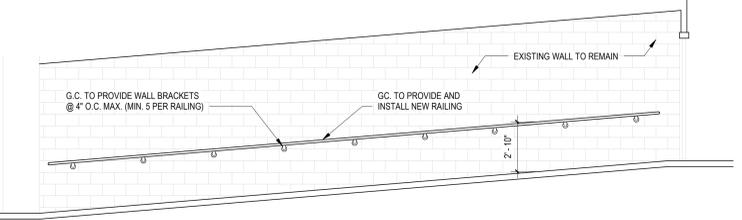
SECTION 2



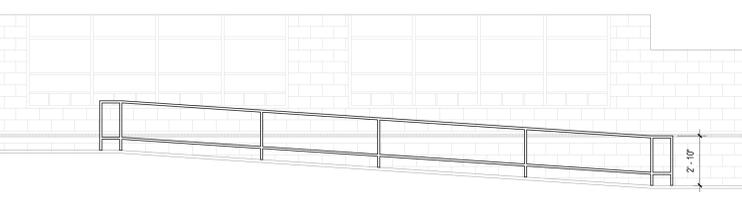
9 PROPOSED RAILING ELEVATION 09
SCALE: 1/4" = 1'-0"



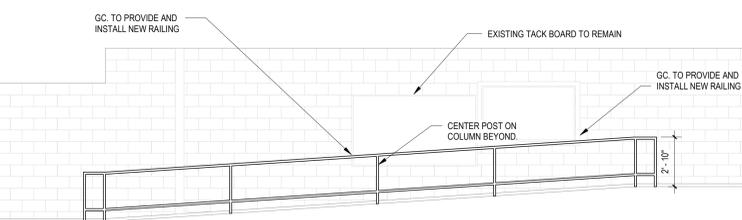
10 PROPOSED RAILING ELEVATION 10
SCALE: 1/4" = 1'-0"



12 PROPOSED RAILING ELEVATION 12
SCALE: 1/4" = 1'-0"



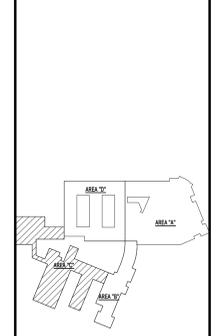
6 PROPOSED RAILING ELEVATION 06
SCALE: 1/4" = 1'-0"



7 PROPOSED RAILING ELEVATION 07
SCALE: 1/4" = 1'-0"

REV.	DATE	ITEM

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KEY PLAN
NO SCALE

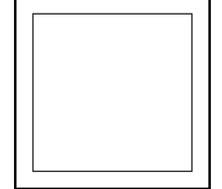
PROJECT
BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVEMENTS
TODD ELEMENTARY SCHOOL
45 INGHAM ROAD, BRIARCLIFF MANOR, NY 10510

DWG TITLE
RAILINGS AND DETAILS

DWG. BY: R.K.
CHK. BY: G.E.O.

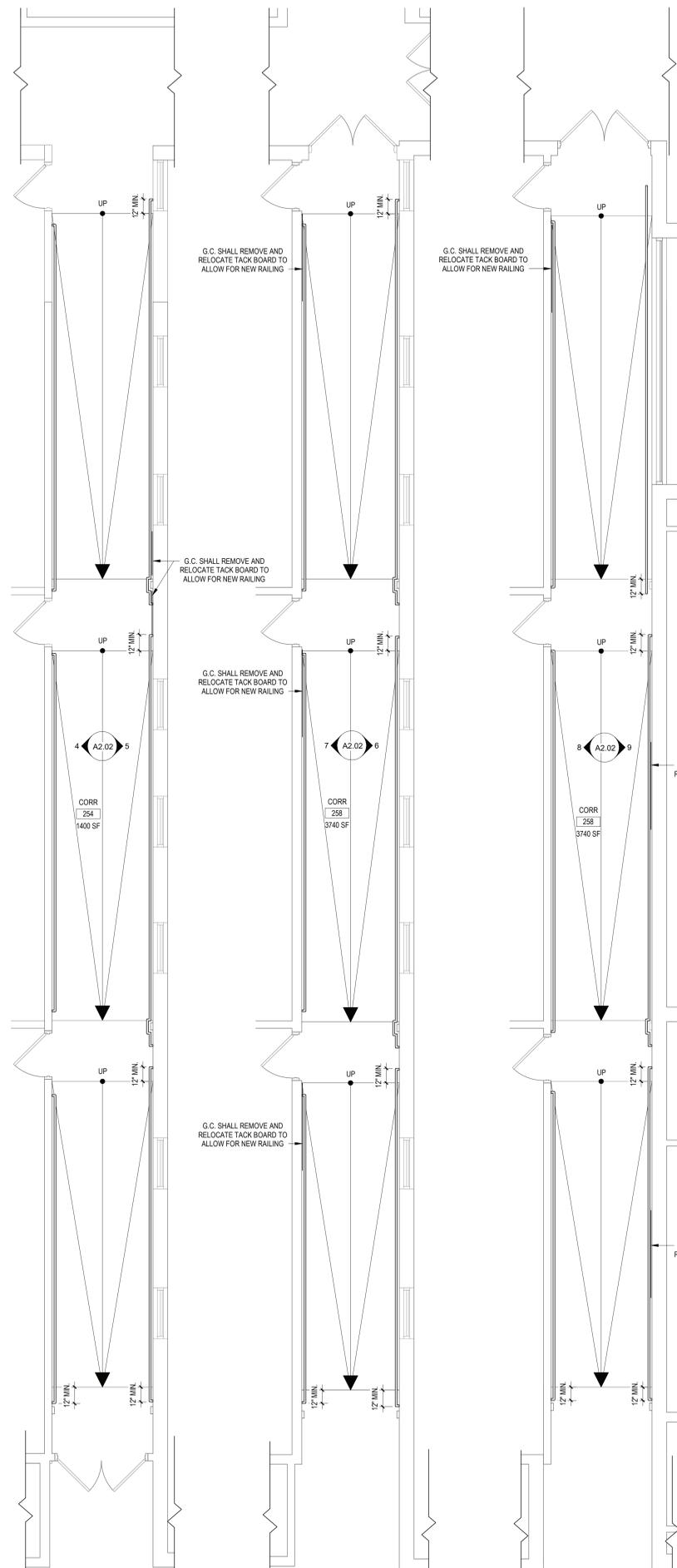
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SED. NO. 66-14-02-02-0-002-021
DISTRICT: BRIARCLIFF MANOR U.F.S.D.
PROJECT: PHASE 2 BOND IMPROVEMENTS
DWG. TITLE: RAILINGS AND DETAILS
SCALE: AS NOTED
DATE: 11/15/2022
BID PAU DATE: 2:00 PM
FILE NO.: 21-274D

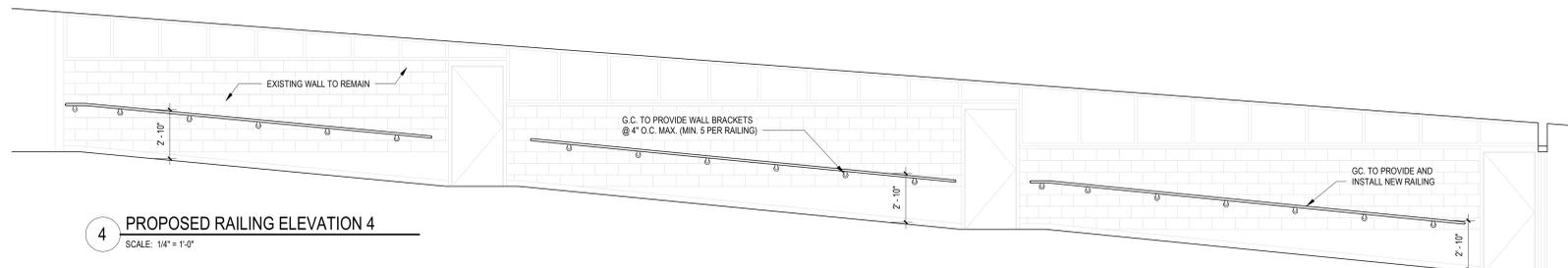
A2.01 TES



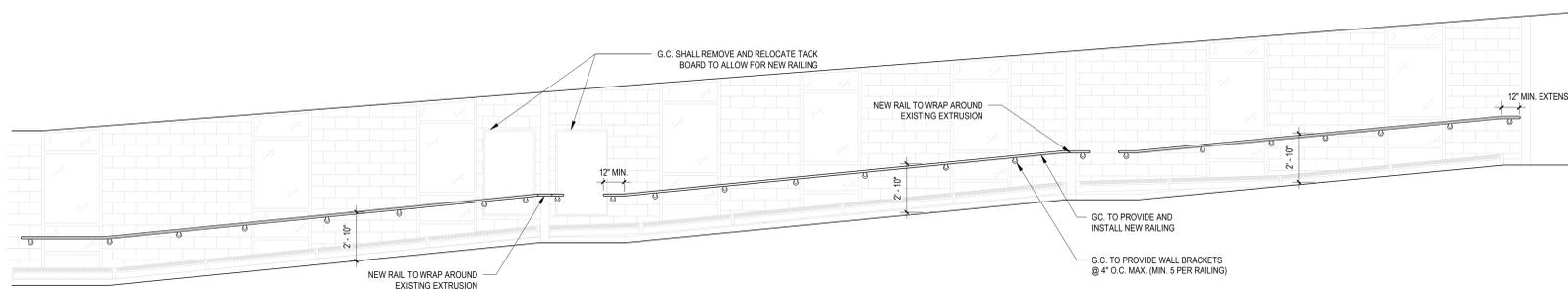
1 PROPOSED PLAN @ CORRIDOR 254
SCALE: 1/4" = 1'-0"

2 PROPOSED PLAN @ CORRIDOR 256
SCALE: 1/4" = 1'-0"

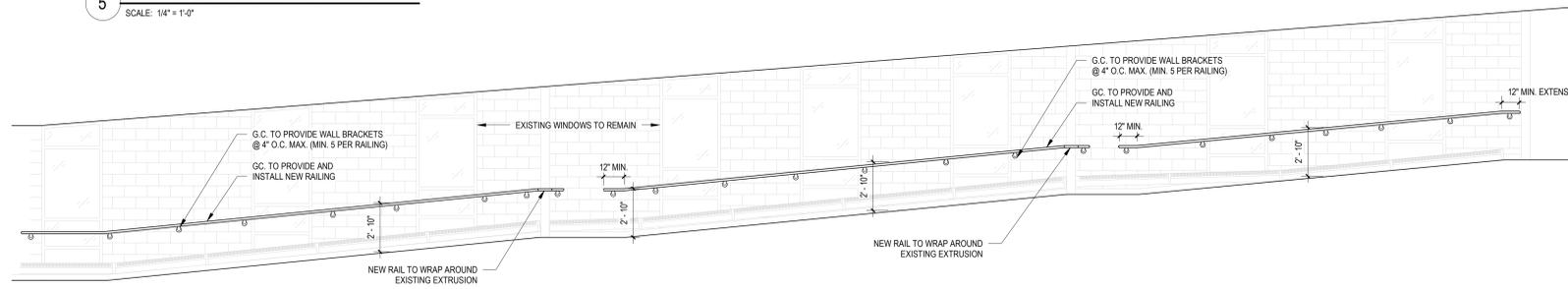
3 PROPOSED PLAN @ CORRIDOR 267
SCALE: 1/4" = 1'-0"



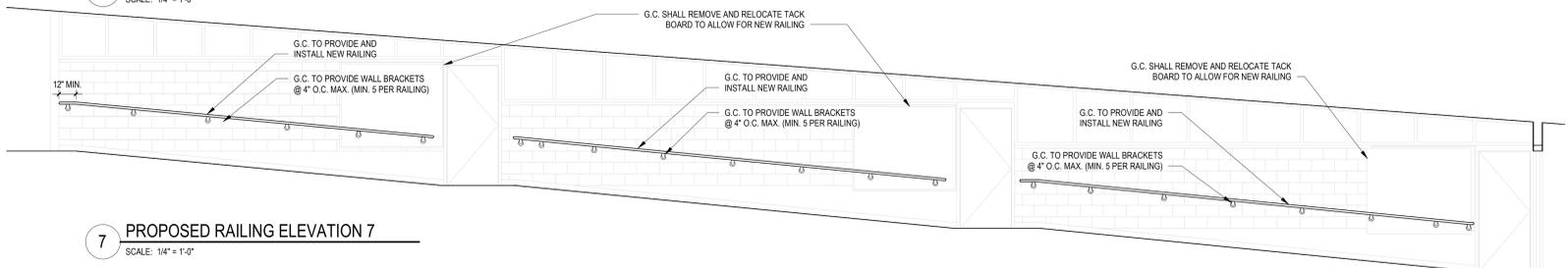
4 PROPOSED RAILING ELEVATION 4
SCALE: 1/4" = 1'-0"



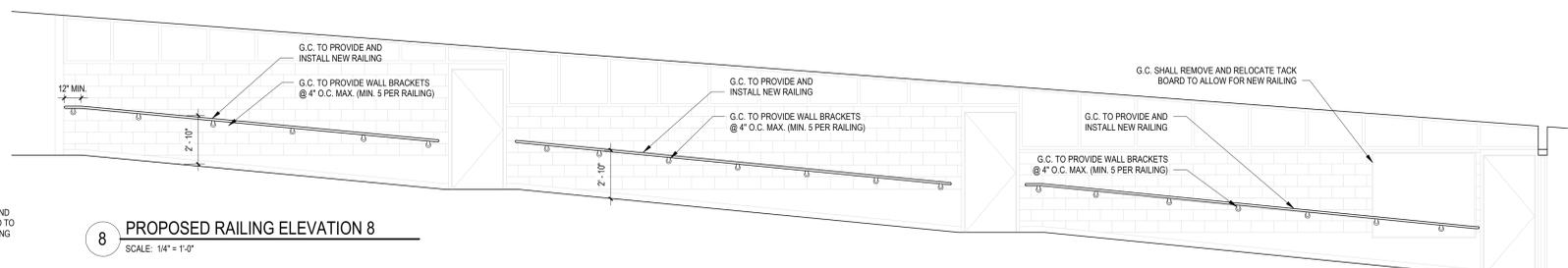
5 PROPOSED RAILING ELEVATION 5
SCALE: 1/4" = 1'-0"



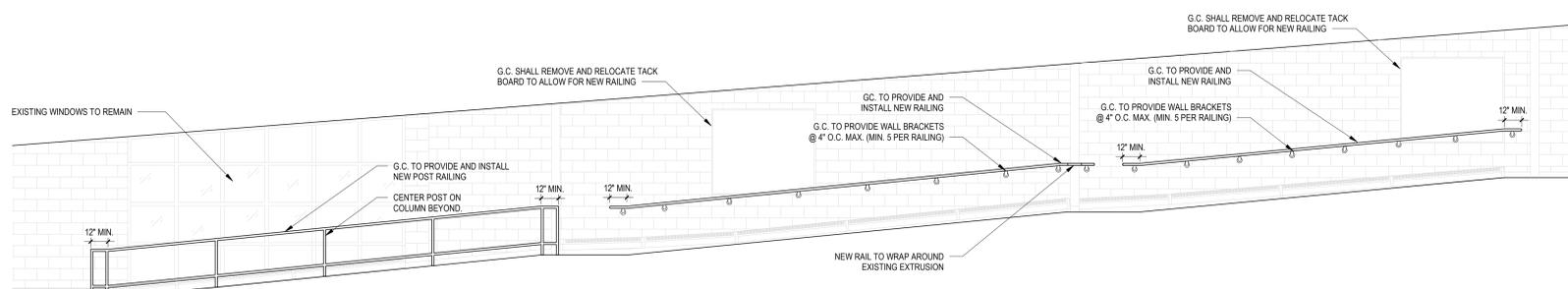
6 PROPOSED RAILING ELEVATION 6
SCALE: 1/4" = 1'-0"



7 PROPOSED RAILING ELEVATION 7
SCALE: 1/4" = 1'-0"



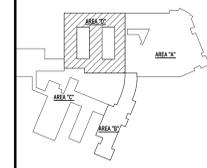
8 PROPOSED RAILING ELEVATION 8
SCALE: 1/4" = 1'-0"



9 PROPOSED RAILING ELEVATION 9
SCALE: 1/4" = 1'-0"

REV.	DATE	ITEM

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KEY PLAN
NO SCALE

BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVEMENTS
TODD ELEMENTARY SCHOOL
45 INGHAM ROAD, BRIARCLIFF MANOR, NY 10510

PROJECT
DWG TITLE

RAILING PLANS & ELEVATIONS

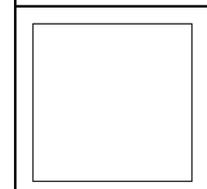
DRWG. BY: R.K.
CHK. BY: G.E.O.

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DISTRICT: BRIARCLIFF MANOR U.F.S.D.
PROJECT: PHASE 2 BOND IMPROVEMENTS
DWG. TITLE: RAILING PLANS & ELEVATIONS
SCALE: AS NOTED
DATE: 11/15/2022
BID/PAU DATE: 2:00 PM
FILE NO.: 21-274D

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MASONRY PHOTO DETAIL - 1 TUCKPOINT BELOW WINDOW



MASONRY PHOTO DETAIL - 2 TUCKPOINT BELOW WINDOW



MASONRY PHOTO DETAIL - 3 TUCKPOINT BELOW WINDOW



MASONRY PHOTO DETAIL - 4 TUCKPOINT ENTIRE WALL



MASONRY PHOTO DETAIL - 5 TUCKPOINT ENTIRE WALL



MASONRY PHOTO DETAIL - 6 TUCKPOINT ENTIRE WALL



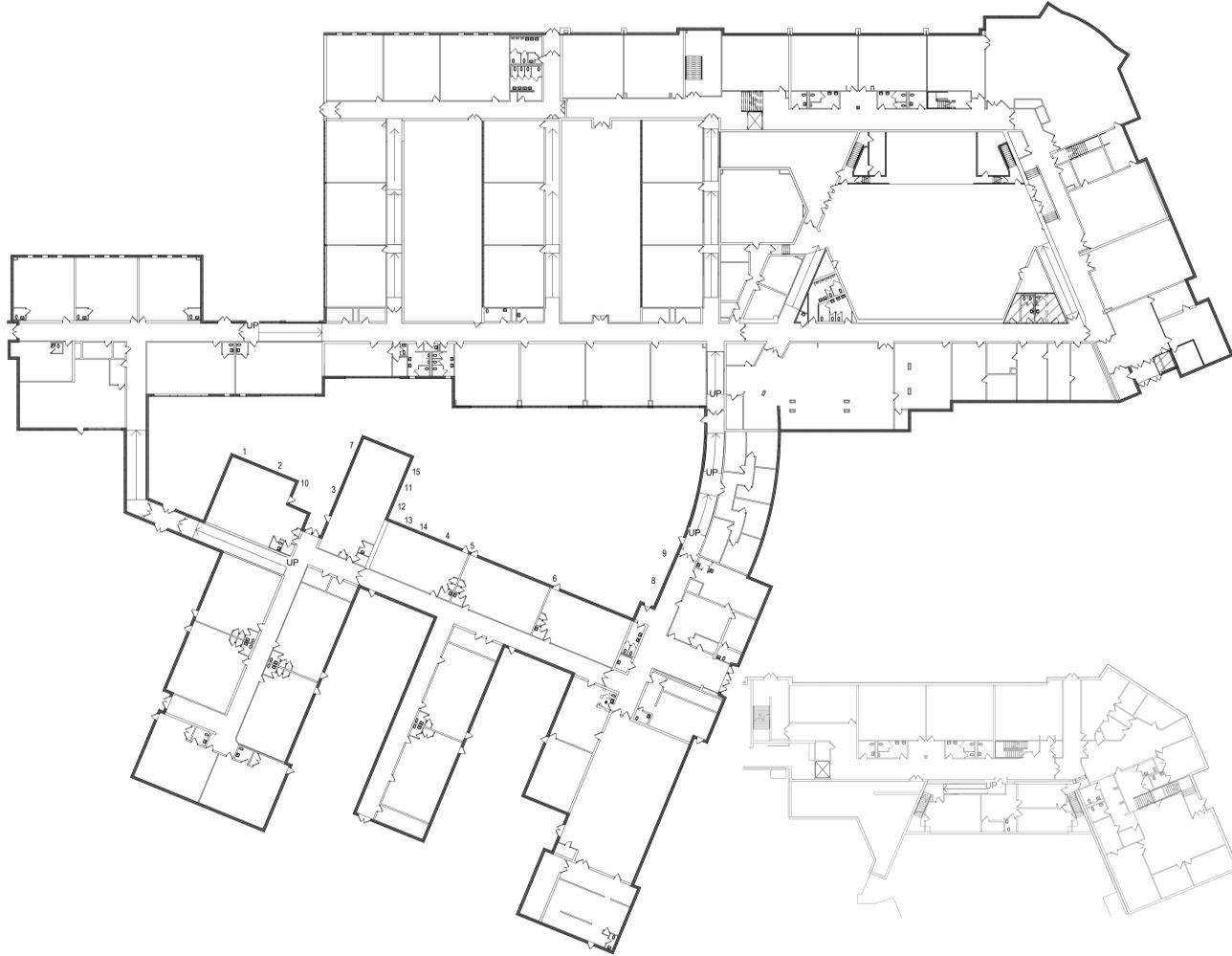
MASONRY PHOTO DETAIL - 7 TUCKPOINT BELOW WINDOW



MASONRY PHOTO DETAIL - 8 TUCKPOINT BELOW WINDOW



MASONRY PHOTO DETAIL - 9 TUCKPOINT BELOW WINDOW



1 MASONRY PHOTO KEY PLAN
 SCALE: 1/32" = 1'-0"

BIDDER NOTE:
 ALL WORK NOTED ON THIS DRAWING SHALL BE COVERED UNDER ADD ALTERNATE #3 TO BASE BID GC-2

MASONRY RECONSTRUCTION NOTES:

- THE CONTRACTOR SHALL SCAFFOLD ALL AREAS AS REQUIRED TO PERFORM THE REQUIRED SCOPE OF WORK WITH OSHA APPROVED SCAFFOLDING EQUIPMENT. THE SCAFFOLDING SHALL REMAIN IN PLACE THROUGHOUT THE DURATION OF THE PROJECT. AREAS OF SCAFFOLDING SHOULD BE ENCLOSED WITH CONSTRUCTION FENCING WITH THE PROPER MARKINGS.
- MASONRY IS TO BE TUCK POINTED AND BRICK IS TO BE REMOVED AND REPLACED AS REQUIRED AND WHERE INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS. BRICK, MORTAR, AND SEALANT SAMPLES SHALL BE SUBMITTED TO THE ARCHITECT AND TEST PANELS ERECTED FOR THE ARCHITECT'S INSPECTION AND APPROVAL AS INDICATED IN THE SPECIFICATIONS.
- AREAS REQUIRING TUCK POINTING INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING LOCATIONS:
 - WHERE MORTAR HAS ERODED FROM THE FACE OF THE MASONRY
 - WHERE MORTAR HAS CRUMBLED FROM THE JOINTS.
 - WHERE HAIR LINE CRACKS ARE APPARENT IN THE MORTAR.
 - WHERE THE BOND BETWEEN THE MASONRY AND THE MORTAR IS BROKEN.
- PRIOR TO APPLYING NEW MORTAR, CLEAN OUT ALL DEBRIS AND DUST AND WET BRICK.
- WHERE THE EXISTING BRICK UNITS ARE DAMAGED CUT OUT THE OLD MORTAR SURROUNDING THE AFFECTED UNITS AND REMOVE THE BRICK, CHISEL OUT ALL OLD MORTAR AND REMOVE ALL DUST AND DEBRIS, BEING CAREFUL NOT TO ALLOW DEBRIS TO FALL INTO CAVITY. DAMPEN SURROUNDING BRICK SURFACES AND PLACE NEW UNIT OF SIMILAR SIZE AND COLORATION INTO OPENING. TOOL JOINT TO MATCH ORIGINAL PROFILE.
- MORTAR FOR REBUILDING AND TUCK POINTING SHALL BE AS SPECIFIED AND SHALL BE HIGH IN LINE CONTENT. MORTAR SHALL BE SOFTER THAN EXISTING BRICK AND NO HARDER THEN EXISTING MORTAR.
- THE FINAL APPEARANCE OF THE FACADE SHALL BE UNIFORM IN TERMS OF MORTAR COLORATION, TOOLING, AND SIZE OF JOINTS. JOINTS SHALL BE TOoled TO MATCH EXISTING OR, WHERE THE ENTIRE WALL IS BEING REDONE, NEW JOINTS SHALL BE TOoled CONCAVE.
- AFTER COMPLETION OF TUCK POINTING WORK, ALL LOOSE MORTAR AND MORTAR STAINING SHALL BE CLEANED FROM SURFACE OF MASONRY.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING WINDOWS AND DOOR OPENINGS AND ADJACENT MATERIALS AND SURFACES FROM DAMAGE DURING POINTING PROCESS. ANY DAMAGE INCURRED SHALL BE CORRECTED AT NO ADDITIONAL COST TO THE OWNER.
- IN AREAS WHERE MORTAR CANNOT BE REMOVED BY GRINDING, CONTRACTOR SHALL USE MANUAL METHODS.
- CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE RANDOM SAMPLES OF MORTAR DURING THE PROGRESS OF WORK, AS DIRECTED BY THE ARCHITECT.
- THE CONTRACTOR SHALL SUBMIT A MORTAR DESIGN MIX FOR APPROVAL BY THE ARCHITECT AND SHALL INFORM THE ARCHITECT PRIOR TO APPLICATION FOR MORTAR TESTING.
- THE CONTRACTOR SHALL PROVIDE 2X2 BRICK MOCK UP SHOWING BRICK AND MORTAR COLORS FOR APPROVAL.

PROJECT
 BRIARCLIFF MANOR U.F.S.D.
 PHASE 2 BOND IMPROVEMENTS
 TODD ELEMENTARY SCHOOL
 45 INGHAM ROAD, BRIARCLIFF MANOR, NY 10510

DWG TITLE
 MASONRY RECONSTRUCTION

DRWG. BY: R.K.
 CHK. BY: G.E.O.

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DISTRICT BRIARCLIFF MANOR U.F.S.D.

PROJECT PHASE 2 BOND IMPROVEMENTS

DWG TITLE MASONRY RECONSTRUCTION

SCALE: AS NOTED
 DATE: 11/15/2022
 BID PAU DATE: 2:01:00 PM
 FILE NO. 21-274D

A4.01 TES



MASONRY PHOTO DETAIL - 10



MASONRY PHOTO DETAIL - 11



MASONRY PHOTO DETAIL - 12 TUCKPOINT ENTIRE WALL



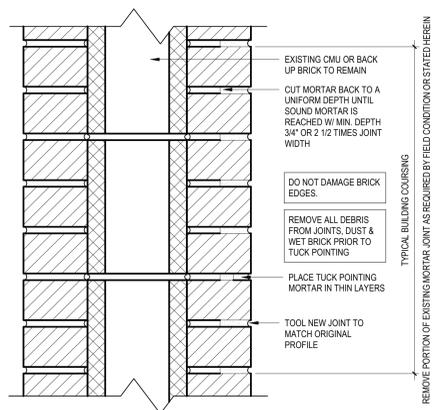
MASONRY PHOTO DETAIL - 13



MASONRY PHOTO DETAIL - 14



MASONRY PHOTO DETAIL - 15 TUCKPOINT BELOW WINDOW



3 TUCKPOINT DETAILS & NOTES
 SCALE: 3" = 1'-0"

4 MASONRY DETAILS
 SCALE: 12" = 1'-0"

ABBREVIATIONS:

ACT.....ACOUSTIC CEILING TILE	CWT.....CERAMIC WALL TILE	MS.....MARBLE SADDLE (ADA)	PFT.....PORCELAIN FLOOR TILE	RT.....RUBBER TILE	VINYL.....SLIP-RESISTANT FLOORING
CPT.....CARPET	EPOXY.....EPOXY TERRAZZO	NA.....NOT APPLICABLE	PLAST.....PLASTER	TERR.....TERRAZZO	WD.....WOOD
CM.U.....CONCRETE MASONRY UNIT	GTW.....GLAZED TILE WAINSCOT	NIC.....NOT IN CONTRACT	RB.....RUBBER COVE BASE	VCT.....VINYL COMPOSITION TILE	WM.....WALK OFF MAT
CONC.....CONCRETE	GYP.....GYPSUM BOARD	PCB.....PORCELAIN TILE COVE BASE	RF.....RUBBER FLOORING	VET.....VINYL ENHANCED TILE	

ABBREVIATIONS

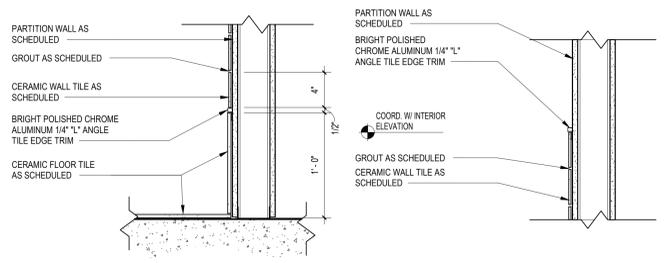
ALUM.....ALUMINUM	M.C.O.V.....MINERAL CORE OAK VENEER
F.G.....1" FIREGLASS 20	S.C.L.C.M.V.....SOLID COMPOSITE LUMBER CORE MAPLE VENEER
F.L.P.....5/16" FIRE-LITE PLUS	S.C.L.C.O.V.....SOLID COMPOSITE LUMBER CORE OAK VENEER
F.R.P.....FIBERGLASS REINFORCED POLYESTER	S.L.....1" SAFETY LAMINATED GLASS
H.M.....HOLLOW METAL	TEMP.....1" TEMPERED GLASS
INSUL.....1" INSULATED GLASS	OBSC.....OBSCURE GLASS
M.C.M.V.....MINERAL CORE MAPLE VENEER	

NOTES:

- ALL DOORS, FRAMES AND HARDWARE SHALL BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR UNLESS OTHERWISE NOTED.
- GENERAL CONTRACTOR SHALL COORDINATE ALL KEYING WITH OWNER.
- ALL FIRE RATED WOOD DOORS SHALL HAVE SOLID MINERAL CORE, ALL OTHER WOOD DOORS SHALL HAVE SOLID COMPOSITE LUMBER CORE.
- FLUSH WOOD DOORS SHALL BE 5 PLY LAMINATED FACE SHEETS WITH 2 PLY FINISH VENEER OVER SPECIFIED CORE. AT FIRE RATED DOORS, TOP AND BOTTOM RAILS AND STILES SHALL BE FIRE RESISTANT COMPOSITION MATERIAL BONDED TO CORE. REFER TO SPECIFICATION SECTION 08211 FOR ADDITIONAL INFORMATION.
- ALL GLAZING IN DOORS SHALL BE INSTALLED IN METAL VISION KIT TO MATCH FIRE LABEL. VISION KIT COLOR SHALL BE AS SELECTED BY ARCHITECT.
- ALL NEW H.M. FRAMES SHALL BE WRAP AROUND TYPE (UNLESS OTHERWISE NOTED OR DETAILED). THROATS SHALL BE SIZED ACCORDING TO WALL THICKNESS AND FINISH; REFER TO FLOOR PLAN AND ENLARGED DETAILS FOR ADDITIONAL INFORMATION.
- GENERAL CONTRACTOR SHALL MODIFY AND PATCH EXISTING WOOD OR H.M. DOOR FRAMES (DESIGNATED TO REMAIN) TO ACCOMMODATE NEW DOOR OPERATOR, LOCKSET, LATCH, HINGES, DOOR SWING AND/OR CLOSER, ETC. AS REQUIRED FOR COMPLETE AND FUNCTIONAL OPERATION.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING HEIGHT AND WIDTH OF PROPOSED DOORS TO BE INSTALLED IN EXISTING FRAMES (PRIOR TO SHOP DRAWING SUBMITTAL) TO ENSURE PROPER FIT AND DOOR FUNCTION.
- ALL NEW HOLLOW METAL FRAMES AND HOLLOW METAL DOORS SHALL BE FINISH PAINTED. COLOR AS SELECTED BY ARCHITECT.
- GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL A.D.A. ACCESSIBLE SIGNAGE AT ALL DOORS (WHERE SPECIFIED IN DOOR SCHEDULE AND/OR SHOWN ON FLOOR PLANS) AND INSTALLED IN CONFORMANCE WITH ALL A.D.A. REQUIREMENTS.
 - ▼ A. WHERE DENOTED IN SCHEDULE, PROVIDE 4"x4" SIGNAGE WITH BRAILLE INDICATING ROOM NUMBER (COORD. WITH OWNER), MODEL E-BTCU5T.
 - ▼ B. WHERE DENOTED IN SCHEDULE, PROVIDE 4"x12" SIGNAGE WITH BRAILLE INDICATING ROOM NAME AND NUMBER (COORD. WITH OWNER), MODEL E-BTCU5T.
 - ▼ C. WHERE DENOTED IN SCHEDULE, PROVIDE 8"x8" SIGNAGE WITH BRAILLE INDICATING GENDER AND WHEELCHAIR PICTOGRAMS AND ROOM NAME AT SINGLE USE TOILET ROOMS.
 - AT MULTI-USE TOILET ROOMS, PROVIDE AND INSTALL MODEL NO. X-5687 (WOMEN), X-5672 (MEN), X-7095 (BOYS), X-7107 (GIRLS).
 - AT MULTI-USE ACCESSIBLE TOILET ROOMS, PROVIDE AND INSTALL MODEL NO. X-5688 (WOMEN), X-5671 (MEN), X-7108 (BOYS), X-7107 (GIRLS).
 - ▼ D. WHERE DENOTED IN SCHEDULE, PROVIDE 8"x8" SIGNAGE WITH BRAILLE INDICATING GENDER AND WHEELCHAIR PICTOGRAMS AND ROOM NAME AT SINGLE USE ACCESSIBLE TOILET ROOMS.
 - AT SINGLE USE ACCESSIBLE TOILET ROOMS, PROVIDE AND INSTALL MODEL NO. E-BTCU5T. SIGN SHALL SPECIFY STAFF OR STUDENT USE, IF REQUIRED.
 - AT SINGLE USE ACCESSIBLE TOILET ROOMS, PROVIDE AND INSTALL MODEL NO. E-BTCU5T. SIGN SHALL SPECIFY STAFF OR STUDENT USE, IF REQUIRED.
- ALL REMOVABLE MULLIONS ARE TO BE KEVED ALIKE AND TO MATCH EXISTING BUILDING SYSTEM.
- GLAZING WITH SURFACE APPLIED FILMS WILL NOT BE CONSIDERED EQUIVALENT WHERE LAMINATED FILM IS SPECIFIED.

LOCATION		SIGNAGE	DOOR				DETAILS				FIRE RATING	REMARKS	DOOR NO.					
FROM ROOM	TO ROOM		LEAF	WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	GLAZING	TYPE				FRAME	GLAZING	HARDWARE	HEAD	JAMB
22	CORR (262)	GIRLS (22)	1	3'-0"	7'-0"	1 3/4"	D1	WD										22
23	CORR (262)	BOYS (23)	1	3'-0"	7'-0"	1 3/4"	D1	WD										23
43	LOBBY (100)	TOILET (43)	1	3'-0"	7'-0"	1 3/4"	D1	WD										43
103a	NURSE (103)	NURSES TOILET (103a)	1	3'-0"	7'-0"	1 3/4"	D1	WD	---									103a
344			---	1	5'-8 1/4"	7'-2"	1 1/2"		ALUM	---			110	H4	J4	S1	---	344

RM. NO.	LOCATION	FLOOR	FINISH		BASE		WALLS		CEILING	REMARKS
			MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH		
	GIRLS	VCT1	VCT1		RUBBER BASE	RCB2	CERAMIC TILE/PAINTED	CT3	ACT1	
	BOYS	VCT1	VCT1		RUBBER BASE	RCB2	CERAMIC TILE/PAINTED	CT3	ACT1	
	NURSE (103)	VCT1	VCT1		RUBBER BASE	RCB2	CERAMIC TILE/PAINTED	CT3	ACT1	
	NEAR ROOM 125	VCT1	VCT1		RUBBER BASE	RCB2	CERAMIC TILE/PAINTED	CT3	ACT1	



1 TILE TRIM DETAIL
SCALE: 1/12" = 1'-0"

FINISH NOTES

- ALL FINISH TYPES (STYLE/COLOR/PATTERN) SHALL CONFORM TO THE STANDARD OF QUALITY INDICATED BY THE PROJECT MANUAL. FINAL STYLE/COLOR/PATTERN TO BE SELECTED BY ARCHITECT.
- ALL CMU SURFACES SHALL BE PRIMED WITH INTERIOR & EXTERIOR BLOCK FILLER M88 INDUSTRIAL MAINTENANCE BY BENJAMIN MOORE. PRIOR TO FINISH PAINT APPLICATION.
- ALL WINDOWS IN AREA OF WORK ARE TO HAVE NEW SHADES OR BLINDS SUPPLIED AND INSTALLED BY GC. (1) PER WINDOW UNIT. G.C. SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL.
- NEW AND EXISTING DOOR FRAMES ASSOCIATED IN SCOPE OF WORK SHALL BE PREPPED AND PAINTED WITH BENJAMIN MOORE LATEX SEMI-GLOSS PAINT BY GC. COLOR AS SELECTED BY ARCHITECT.
- REFER TO FLOOR PLANS FOR TILE PATTERNS.
- G.C. SHALL PREP/PRIME AND PAINT ALL SHEET METAL PIPE ENCLOSURES (INSTALLED BY MC). COLOR AS SELECTED BY ARCHITECT.
- BEFORE PAINTING, CONCRETE SURFACES MUST CURE 30 DAYS. BLOCK AND PLASTER SURFACES MUST CURE FOR 30 DAYS.
- ALL NEW WOOD WINDOW SILLS, MOLDING AND TRIM SHALL RECEIVE A "STAINED" FINISH AND RECEIVE (3) COATS OF 'BENWOOD' POLYURETHANE FINISH LOW LUSTER NO. 438 BY 'BENJAMIN MOORE' OR APPROVED EQUAL. STAIN COLOR AS SELECTED BY ARCHITECT. GC SHALL SUBMIT PHYSICAL COLOR SAMPLE FOR REVIEW AND APPROVAL.
- ALL FINISHES SHALL BE PROVIDED AND INSTALLED BY GC UNLESS OTHERWISE NOTED. REFER TO SPEC SECTION 09900 FOR ADDITIONAL INFORMATION.
- ALL INTERIOR FINISHES IN CORRIDOR SHALL BE CLASS 'A' RATED.
- PATCH, REPAIR AND FINISH CEILING, WALLS, AND FLOOR @ POINTS OF DEMOLITION TO MATCH EXISTING ADJACENT. EXISTING FINISHES TO REMAIN.
- SHOULD ANY FINISH MATERIALS BE DISCONTINUED BY MANUFACTURER, GC MUST REPLACE WITH CLOSEST MATCH AT NO ADDITIONAL COST, AND SUBMIT TO ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
- REFER TO REFLECTED CEILING PLANS AND FINISH FLOOR PLANS FOR ADDITIONAL INFORMATION.
- DOOR FRAMES TO BE PREPPED & PAINTED AS PER SPEC. COLOR AS SELECTED BY ARCHITECT.
- G.C. SHALL PREP, PRIME & PAINT SHEETROCK CEILINGS UNLESS OTHERWISE NOTED FINISH AS PER SPEC. COLOR: WHITE. FLAT FINISH.
- REFER TO FINISH FLOOR PLANS FOR TILE PATTERNS - THE TILE PATTERNS MAY NOT REPRESENT THE FINAL PATTERNS TO BE DESIGNED, INSTALLED & TURNED OVER TO OWNER. THE BID SHALL BE BASED ON THE TILE MIX & PERCENTAGES, AS INDICATED IN THE PROJECT MANUAL.
- GENERAL CONTRACTOR SHALL PERFORM A BOND TEST IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS PRIOR TO INSTALLATION OF NEW V.C.T. FLOORING.
- CONTRACTOR SHALL INSTALL PLANIPATCH PLUS BY MAPEI OR APPROVED EQUAL OVER SUBSTRATE AND/OR CONCRETE SLAB TO PROVIDE A FLOOR SURFACE IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND AS SPECIFIED FOR INSTALLATION OF NEW FINISH FLOOR MATERIALS.

WALL TYPES:

TYPE P1:	PAINT BY SHERWIN WILLIAMS LATEX EGGSHELL ENAMEL. COLOR: AS SELECTED BY ARCHITECT	TYPE P2:	PAINT BY SHERWIN WILLIAMS LATEX EGGSHELL ENAMEL. COLOR: AS SELECTED BY ARCHITECT
TYPE CT1:	4" X 4" CERAMIC WALL TILE MANUFACTURER: CREATIVE MATERIAL CO. COLLECTION: MOSA. COLOR: 15THIRTY - 15010 - MATTE (WHITE MATTE)	TYPE CT2:	4" X 4" CERAMIC WALL TILE MANUFACTURER: CREATIVE MATERIAL CO. COLLECTION: MOSA. COLOR: 17980 - GLOSSY (ORANGE)
TYPE CT3:	12" X 24" CERAMIC FLOOR TILE MANUFACTURER: CREATIVE MATERIAL CO. COLLECTION: FRAMMENTO. COLOR: BEIGE MACRO - NATURAL - RECTIFIED (BEIGE TERRAZZO)		

RUBBER BASE TYPES:

TYPE RCB1:	RUBBER COVE BASE BY 'JOHNSONITE' COLOR AS SELECTED BY ARCHITECT (CORRIDORS)	TYPE RCB2:	RUBBER COVE BASE BY 'JOHNSONITE'
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CEILING TILE TYPES:

TYPE ACT1:	ACOUSTIC CEILING TILE BY 'ARMSTRONG' SIZE: 24" X 24" X 5/8" STYLE: #1911 ULTIMA BEVELED REGULAR (CORRIDORS/CLASSROOMS/OFFICES)	TYPE ACT2:	ACOUSTIC CEILING TILE BY 'ARMSTRONG' SIZE: 24" X 24" X 5/8" STYLE: # 770 CORTEGA SQUARE LAY-IN (STORAGE ROOMS/CUSTODIAL)
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CEILING GRID: CEILING GRID BY 'ARMSTRONG', 15/16" PRELUDE, WHITE, U.O.N.

NOTE: ALL CEILING TILE & GRID TO BE WHITE UNLESS OTHERWISE NOTED.

FLOOR MATERIAL TYPES

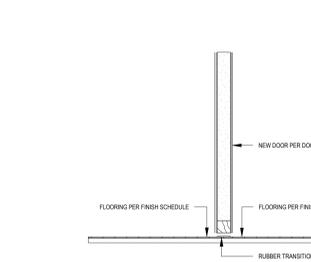
TYPE VCT1:	12" X 12" VINYL COMPOSITION TILE MANUFACTURER: ARMSTRONG EXCELON IMPERIAL. COLOR: AS SELECTED BY ARCHITECT (CLASSROOMS, CORRIDOR)	TYPE CT4:	12" X 24" CERAMIC FLOOR TILE MANUFACTURER: CREATIVE MATERIAL CO. COLLECTION: FRAMMENTO. COLOR: BEIGE MACRO - NATURAL - RECTIFIED (BEIGE TERRAZZO)
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PRIME CONTRACTOR TO PROVIDE ALL REQUIRED SADDLES, THRESHOLDS, REDUCER STRIPS, TRANSITION STRIPS AND OR FLAT PLATES AS REQUIRED TO PROVIDE A FINISHED, ADA COMPLIANT TRANSITION AT NUMEROUS FLOORING TRANSITIONS AND TERMINATIONS.

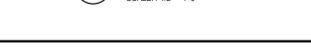
GYPSUM BOARD FINISHING

- GENERAL CONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF GYPSUM ASSOCIATION TRADE PUBLICATION GA-214-86 RECOMMENDED LEVELS OF GYPSUM BOARD FINISH & JOBS OF SPECIFICATION SECTION 09250.
- LEVEL 0 -** FOR USE IN TEMPORARY CONSTRUCTION, OR WHERE FINAL FINISH/DECORATION HAS NOT BEEN DETERMINED.
- LEVEL 1 -** FOR USE AT PLENUM AREAS, ABOVE CEILING, IN ATTICS & IN AREAS WHERE THE ASSEMBLY WOULD GENERALLY BE CONCEALED OR IN BUILDING CORRIDORS & OTHER AREAS NOT NORMALLY OPEN TO THE PUBLIC VIEW.
- LEVEL 2 -** FOR USE AT LOCATIONS WHERE WATER-RESISTANT GYPSUM BACKING BOARD IS INSTALLED AS A TILE SUBSTRATE AND FOR USE IN GARAGES, WAREHOUSE STORAGE OR OTHER SIMILAR AREAS WHERE SURFACE APPEARANCES ARE NOT OF PRIMARY CONCERN.
- LEVEL 3 -** FOR USE IN APPEARANCE AREAS THAT ARE TO RECEIVE HEAVY OR MEDIUM TEXTURE FINISHES BEFORE FINAL PAINTING, OR WHERE HEAVY - GRADE WALL COVERINGS ARE TO BE APPLIED AS THE FINAL DECORATION.
- LEVEL 4 -** FOR USE WHERE LIGHT TEXTURE OR WALL COVERINGS ARE TO BE APPLIED, OR WHERE ECONOMY IS OF THE ARCHITECT'S CONCERN.
- LEVEL 5 -** FOR USE WHERE GLOSS, SEMI-GLOSS, ENAMEL OR NON-TEXTURED FLAT PAINTS ARE SPECIFIED, OR WHERE SEVERE LIGHTING CONDITIONS OCCUR (IN THE OPTION OF THE ARCHITECT).

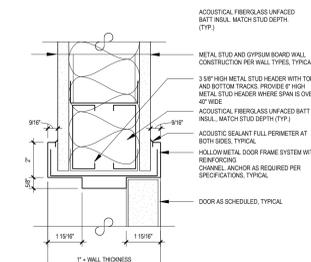
T2 THRESHOLD DETAIL 2
SCALE: 1/12" = 1'-0"



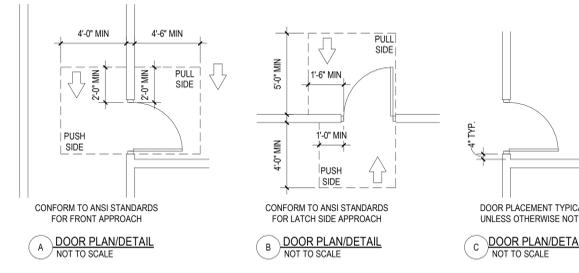
T4 THRESHOLD DETAIL 4
SCALE: 1/12" = 1'-0"



J4 DOOR JAMB DETAIL 4
SCALE: 3/8" = 1'-0"

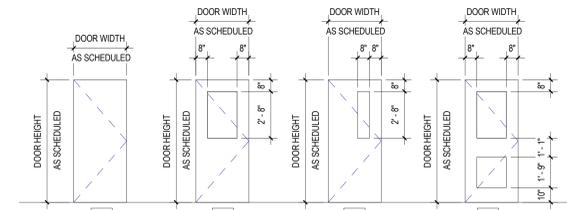
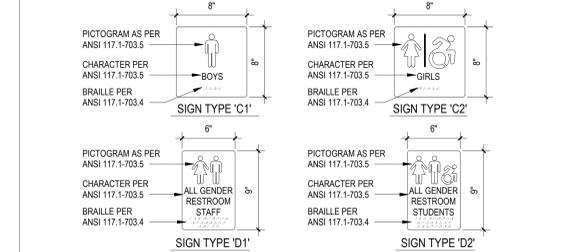
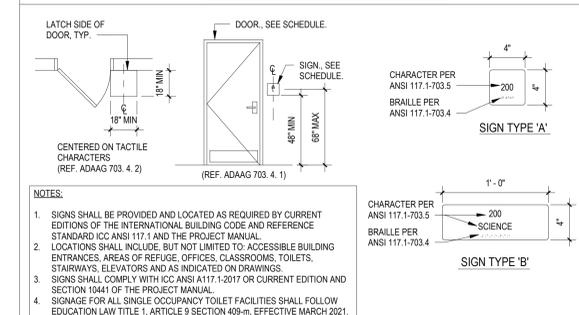


H4 DOOR HEAD DETAIL 4
SCALE: 3/8" = 1'-0"



DOOR PLACEMENT DETAILS
SCALE: N.T.S.

TYPICAL ADA SIGNAGE DETAILS



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

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

REV.	DATE	ITEM

NOTICE

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PROJECT

BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVEMENTS
TODD ELEMENTARY SCHOOL
45 INGHAM ROAD, BRIARCLIFF MANOR, NY 10510

DWG. BY: R.K.
CHK. BY: G.E.O.

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PROJECT

PHASE 2 BOND IMPROVEMENTS

DWG. TITLE

DOOR SCHEDULE, FINISH SCHEDULE AND DETAILS

SCALE: AS NOTED
DATE: 11/15/2022
BID P/L DATE: 2/01/22 PM
FILE NO.: 21-274D

REV. NO.: 66-14-02-02-002-021
DISTRICT: BRIARCLIFF MANOR U.F.S.D.
PROJECT: PHASE 2 BOND IMPROVEMENTS
DWG. TITLE: DOOR SCHEDULE, FINISH SCHEDULE AND DETAILS
SCALE: AS NOTED
DATE: 11/15/2022
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FILE NO.: 21-274D

A8.01 **TES**

SYMBOL LEGEND	
	ROOM TAG, CEILING TILE TYPE and FINISH CEILING ELEVATION (ABOVE FINISH FLOOR)
	OPEN TO STRUCTURE AND DECK ABOVE - PAINT (G.C.)
	NEW SUSPENDED ACOUSTICAL CEILING AND GRID - SEE FINISH SCHEDULE (G.C.)
	EXISTING SUSPENDED ACOUSTICAL CEILING AND GRID
	GYPSUM BOARD SOFFIT OVER METAL FRAMING - TAPE, SPACKLE & PAINT (G.C.)
	RECESSED OR SURFACE MOUNTED LIGHT FIXTURE BY E.C. REFER TO ELECTRICAL DRAWINGS FOR INFO. (E.C.)
	EXIT SIGN. REFER TO ELECTRICAL DWGS. FOR ADDITIONAL INFO. (E.C.)
	CEILING MOUNTED SPEAKER. REFER TO ELECTRICAL DWGS. FOR ADDITIONAL INFO. (E.C.)
	SMOKE/HEAT DETECTORS. REFER TO ELECTRICAL DWGS. FOR ADDITIONAL INFO. (E.C.)
	OCCUPANCY SENSOR. REFER TO ELECTRICAL DWGS. FOR ADDITIONAL INFO. (E.C.)
	CEILING GRILLE/REGISTER. REFER TO MECHANICAL DWGS. FOR ADDITIONAL INFO (M.C.)
	16' x 16' ACCESS PANEL

- ### TYPICAL REFLECTED CEILING NOTES
1. CEILING PLANS MAY NOT INDICATE ALL MECHANICAL AND/OR ELECTRICAL CEILING ITEMS, REFER TO ELECTRICAL & MECHANICAL DRAWINGS FOR ADDL. INFO.
 2. ALL FIXTURES SHALL BE CENTERED WITHIN THE GRID, U.O.N.
 3. SUPPORT OF ALL ARCHITECTURAL COMPONENTS (I.E. HUNG CEILING SYSTEMS, GRIDS, ETC.) SHALL BE INSTALLED TO WITHSTAND SEISMIC LOADS IN ACCORDANCE WITH THE IBC SECTION 1621, FOR SEISMIC DESIGN CATEGORY 'B' AND IMPORTANCE FACTOR 1.0. BASED UPON THE ABOVE, NO SPECIFIC SEISMIC RESTRAINTS ARE REQUIRED.
 4. ALL ACOUSTICAL HUNG CEILING GRID SYSTEMS SHALL BE INSTALLED IN CONFORMANCE WITH ASTM C636 "STANDARD PRACTICE FOR INSTALLATION OF METAL CEILING SUSPENSION SYSTEMS FOR ACOUSTICAL TILE AND LAY-IN PANELS" REQUIREMENTS.
 5. ACOUSTICAL CEILINGS SHALL HAVE A FLAME SPREAD OF 25 OR LESS COMPLYING WITH ASTM E-84; SMOKE DEVELOPED RATINGS OF 50 OR LESS COMPLYING WITH PERFORMANCE REQUIREMENTS AND PHYSICAL CHARACTERISTICS OF THE SPECIFIED CEILINGS AS INDICATED IN THE REFLECTED CEILING PLAN. (ASTM E-1284)
 6. ACOUSTICAL CEILINGS SHALL HAVE A MINIMUM NOISE REDUCTION COEFFICIENT (NRC) RATING OF 0.65.
 7. ALL LIGHTING FIXTURES REMAIN EXCEPT WHERE NOTED. ELECTRICAL CONTRACTOR TO DE-ENERGIZE DURING DEMOLITION AND INSTALLATION OF NEW CEILING. ELECTRICAL CONTRACTOR TO RE-INSTALL ALL OTHER ELECTRICAL DEVICES (SPEAKERS, SMOKE DETECTORS, FIRE ALARM STROBES, ETC.) WHETHER NOTED ON PLAN OR NOT. REFER TO ELECTRICAL DRAWINGS FOR ADDL. INFO.
 8. CEILING GRID SHALL BE ARRANGED TO BE SPACED EQUALLY IN EACH DIRECTION W/ NO TILE LESS THAN 6" UNLESS OTHERWISE REQUIRED.
 9. PROVIDE CEILING EXPANSION JOINT AT ALL NEW TO EXISTING INTERACTIONS AND WHERE INDICATED ON PLAN. REFER TO WALL SECTIONS AND SPECIFICATIONS.
 10. ALL AREAS NOTED AS 'OPEN AND/OR 'NO CEILING (CLG)' SHALL BE PAINTED. (INCLUDING DECK, STRUCTURE, DUCTWORK, ETC.)
 11. UNLESS OTHERWISE NOTED, ALL SOFFITS AND WINDOW POCKETS SHALL BE 5/8" TYPE 'X' GYP. BOARD OVER 18 GA. COLD FORMED FRAMING AT 16" O.C.

- ### FIRE STOP/ACOUSTICAL SEALING NOTES
1. ALL PIPING PENETRATIONS THROUGH CORRIDOR WALLS AS WELL AS ALL FIRE RATED WALLS (SUCH AS STORAGE ROOMS, CLOSETS, BOILER ROOMS, ETC) AND ALL OTHER FIRE RATED FLOORS OR STRUCTURES SHALL BE FIRE STOPPED.
 2. ALL PENETRATIONS THROUGH ALL OTHER WALLS, FLOORS, ETC. (I.E. CLASSROOMS AND LIBRARIES) SHALL BE ACOUSTICALLY SEALED IN ACCORDANCE WITH ANSI S12.60-2002 REQUIREMENTS. THE SEALANT MATERIALS SHALL BE "SPEC-SEAL, SMOKE AND SOUND ACOUSTIC SEALANT" AS MANUFACTURED BY STI, OR ARCHITECT APPROVED EQUAL. SEALANT SHALL MEET ASTM C919 FOR SEALANTS IN ACOUSTICAL APPLICATIONS.
 3. THE FIRE STOP MATERIALS SHALL BE HILTI TYPE FS-657 FIRE BLOCK, FS-ONE SEALANT, CP-672 JOINT SPRAY, CP-601S ELASTOMERIC SEALANT, 6P-606 FLEXIBLE SEALANT, CP-643 OR CP-642 COLLAR, CP-616 PUTTY STICK, OR FS-635 TROWEL APPLIED COMPOUND, AS SUITABLE.
 4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF PRODUCTS TO BE USED FOR APPROVAL BY ARCHITECT.
 5. FIRESTOP MATERIALS OTHER THAN HILTI SHALL INCLUDE FULL TECHNICAL DATA WITH SHOP DRAWINGS TO DEMONSTRATE EQUALITY WITH THE SPECIFIED FIRE STOPS.

REV.	DATE	ITEM

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 PHASE 2 BOND IMPROVEMENTS
 TODD ELEMENTARY SCHOOL
 45 INGHAM ROAD, BRIARCLIFF MANOR, NY 10510
 DWG TITLE: REFLECTED CEILING PLANS

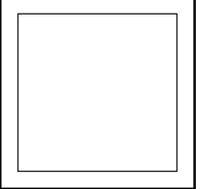
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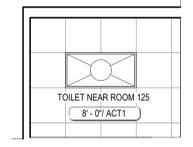
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SED. No. 66-14-02-02-0-022-021
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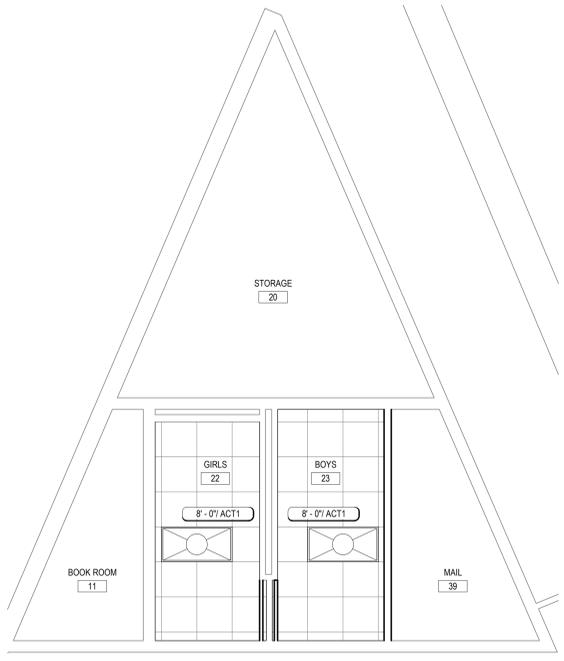
A10.01 TES



3 PROPOSED CEILING PLAN @ TOILET ROOM NEAR ROOM 125
 SCALE: 1/4" = 1'-0"



2 PROPOSED CEILING PLAN @ NURSES TOILET ROOM
 SCALE: 1/4" = 1'-0"



1 PROPOSED CEILING PLAN @ TOILET ROOMS 22 & 23
 SCALE: 1/4" = 1'-0"

GENERAL NOTES

- REMOVAL & RELOCATION OF CERTAIN EXISTING WORK SHALL BE NECESSARY FOR THE PERFORMANCE OF THE NEW WORK SHOWN HEREIN. ALL EXISTING CONDITIONS ARE NOT COMPLETELY DETAILED ON THE DRAWINGS. THE CONTRACTOR SHALL SURVEY THE SITE & MAKE ALL NECESSARY CHANGES BASED ON EXISTING CONDITIONS AS REQUIRED FOR PROPER DEMOLITION OF EXISTING WORK & SHALL INCLUDE ALL MATERIALS & LABOR FOR SAME IN HIS BID PRICE. NO ALLOWANCE WILL BE MADE FOR FAILURE TO DO SO.
- PRIOR TO SUBMITTING A BID, THE CONTRACTOR SHALL VISIT THE PREMISES OF THE PROPOSED WORK & SHALL CAREFULLY EXAMINE THE ENGINEERING DRAWINGS, EXISTING CONDITIONS & LIMITATIONS THEREOF. VERIFY ACTUAL LOCATIONS WHERE THE NEW PIPING WILL BE ROUTED, COORDINATE WITH NEW & EXISTING WORK & PROVIDE CLEARANCE IN BUILDING STRUCTURE, OTHER SERVICES, ETC.. THE CONTRACTOR SHALL INCLUDE ALL COSTS WHATSOEVER WHICH ARE INCURRED AS A RESULT OF LIMITATIONS OF THE EXISTING & NEW CONDITIONS. LATER CLAIMS FOR EXTRA LABOR, EQUIPMENT, MATERIALS, ETC. REQUIRED DUE TO DIFFICULTIES WHICH COULD HAVE BEEN FORESEEN WILL NOT BE CONSIDERED AS EXTRA WORK.
- INSTALL WORK SO AS TO BE READILY ACCESSIBLE FOR OPERATING, MAINTENANCE & REPAIR. MINOR DEVIATIONS FROM DRAWINGS MAY BE MADE TO ACCOMPLISH THIS, BUT CHANGES OF MAGNITUDE WHICH INVOLVE EXTRA COST SHALL NOT BE MADE WITHOUT APPROVAL.
- INVESTIGATE EACH SPACE THROUGH WHICH EQUIPMENT MUST BE MOVED. WHEN NECESSARY, EQUIPMENT SHALL BE SHIPPED FROM MANUFACTURER IN CRATED SECTIONS OF SIZE SUITABLE FOR MOVING THROUGH AREAS AVAILABLE. ASCERTAIN FROM BUILDING OWNER AT WHAT TIMES OF DAY EQUIPMENT MAY BE MOVED THROUGH THE BUILDING.
- COORDINATE THE EXACT SIZE & LOCATION OF NEW OPENINGS WITH EXISTING STRUCTURE. PATCH / INSULATE AS REQUIRED. CONTRACTOR SHALL FIRESTOP ALL PENETRATIONS FROM NEW PIPING, CONDUIT, DUCTWORK, ETC. THROUGH EXISTING OR NEW FIRE/ SMOKE BARRIERS. REFER TO SPECIFICATION SECTION 15511 FOR FURTHER DETAILS.
- IT IS THE INTENT OF THIS CONTRACT FOR REMAINING SYSTEMS TO BE LEFT IN GOOD WORKING ORDER, READY FOR OPERATION. COORDINATE ANY REQUIRED SYSTEM SHUTDOWNS WITH OWNER 48 HOURS IN ADVANCE. EXISTING SYSTEM SHUTDOWNS WILL NOT BE PERMITTED IF THEY INTERFERE WITH THE DAILY OPERATIONS OF THE BUILDING. CONTRACTOR WILL BE REQUIRED TO TAKE PROPER PRECAUTIONS AGAINST DAMAGING OR DISRUPTING BUILDING SYSTEMS, WIRING, PIPING OR CONTROL TUBING. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED AT THE CONTRACTORS COST AS A PART OF THIS CONTRACT.
- THE CONTRACTOR SHALL REPAIR / RESTORE TO ORIGINAL CONDITION ANY EXISTING EQUIPMENT OR MATERIALS DAMAGED IN THE PROCESS OF INSTALLATION, OR DEMOLITION TO THE SATISFACTION OF THE OWNERS REPRESENTATIVE. CONTRACTOR SHALL MAKE REPAIRS USING THE SAME OR EQUIVALENT MATERIALS. WORK WILL BE PERFORMED AT THE CONTRACTORS COST.
- CONTRACTOR SHALL INCUR ANY COSTS OR BURDENS ASSOCIATED WITH LOST OR STOLEN EQUIPMENT / MATERIALS.
- DURING THE LIFE OF THE CONTRACT PERIOD, CONTRACTOR SHALL REMOVE ALL RUBBISH / EXCESS MATERIAL ACCUMULATED AS A RESULT OF HIS OPERATIONS ON A DAILY BASIS. ALL AREAS / EQUIPMENT AFFECTED UNDER THIS CONTRACT SHALL BE KEPT CLEAN OF DUST / DEBRIS. ALL AREAS SHALL RECEIVE A FINAL CLEANING PRIOR TO FINAL ACCEPTANCE BY THE OWNER.
- PROVIDE FOR LEGAL REMOVAL / DISPOSAL OF ALL RUBBISH / DEBRIS FROM THE BUILDING & SITE. PROTECT ALL WORK NOT SLATED FOR DEMOLITION.
- THIS CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES PRIOR TO SCHEDULING THE WORK. WORK SHALL BE PERFORMED IN PROPER SEQUENCE, AS AGREED TO BY ALL TRADES. ANY COSTS INCURRED BY THE OWNER DUE TO IMPROPER SEQUENCING OF WORK WILL BE PAID FOR BY THIS CONTRACTOR.
- CONTRACTOR SHALL OBTAIN ALL PERMITS, PAY ALL FEES, CONNECTION CHARGES, ETC. ASSOCIATED WITH THE WORK UNDER THEIR CONTRACT.
- PAINT / TOUCH UP ALL SURFACES MARRED AS A RESULT OF THE PERFORMANCE OF THE CONTRACT WORK.
- THE MECHANICAL CONTRACTOR SHALL REFER TO / REVIEW ALL OTHER TRADE DRAWINGS IN THE BID PACKAGE & SHALL BE RESPONSIBLE FOR / PERFORM ALL WORK INDICATED AS (M.C.) MECHANICAL WORK AS A PART OF THE BASE BID UNLESS SPECIFICALLY NOTED OTHERWISE.
- SUBSTITUTED EQUIPMENT OF GREATER OR LARGER POWER, DIMENSIONS, CAPACITIES & RATINGS MAY BE FURNISHED PROVIDED THAT SAID EQUIPMENT IS APPROVED IN WRITING PRIOR TO ORDER. ANY CONNECTING MECHANICAL SERVICES, ELECTRICAL SERVICES, BASES, STRUCTURAL APPURTENANCES, ETC. REQUIRED TO BE INCREASED DUE TO THE USE OF SAID EQUIPMENT WILL BE PAID FOR IN FULL BY THE MECHANICAL CONTRACTOR, INCLUDING ANY ADDITIONAL REQUIRED ENGINEERING FEES.
- EACH PIECE OF EQUIPMENT SHALL BE PROVIDED WITH A PERMANENT TYPE (MANNED), BLACK FINISH, WHITE CORE, PHENOLIC NAMEPLATE. NAMEPLATES SHOULD INDICATE THE NAME & NUMBER OF THE UNIT, UNIT VOLTAGE, & ANY INTERLOCK REFERENCE. STARTERS / DISCONNECT SWITCHES SHOULD ALSO BE EQUIPPED WITH AN IDENTICAL NAMEPLATE WITH THE SAME INFORMATION.
- "ATTIC STOCK" - UPON COMPLETION OF THE PROJECT, MECHANICAL CONTRACTOR SHALL COMPLETELY REMOVE / DISPOSE OF FILTERS USED DURING CONSTRUCTION & START-UP PROCEDURES. INSTALL NEW FILTERS IN ALL EQUIPMENT, MERV-8 OR BETTER UPON TURN OVER OF THE PROJECT TO THE OWNER. IN ADDITION, PROVIDE (2) COMPLETE SETS OF FILTERS FOR EACH PIECE OF EQUIPMENT & TURN OVER TO OWNER.
- MECHANICAL CONTRACTOR SHALL PROVIDE (1) SPARE MOTOR FOR EACH SIZE MOTOR USED ON THE PROJECT. IN INSTANCES WHERE MORE THAN TEN OF THE SAME MOTOR ARE USED, MECHANICAL CONTRACTOR SHALL PROVIDE (1) SPARE MOTOR FOR EVERY TEN MOTORS OF A GIVEN SIZE USED ON THE PROJECT.
- MAINTENANCE MANUAL, UPON COMPLETION OF THE PROJECT, THE MECHANICAL CONTRACTOR SHALL PROVIDE A BINDER CONTAINING THE OPERATIONS & MAINTENANCE MANUALS FOR EACH NEW PIECE OF EQUIPMENT INSTALLED UNDER THIS PROJECT. THE FIRST SECTION OF THE MAINTENANCE MANUAL SHALL CONTAIN A LIST OF EACH PIECE OF EQUIPMENT, COMPLETE WITH INFORMATION SHOWING APPROPRIATE REPLACEMENT FILTER SIZES / TYPES; APPROPRIATE REPLACEMENT BELT SPECIFICATIONS; REPLACEMENT MOTOR SPECIFICATIONS; REPLACEMENT BEARING SPECIFICATIONS, VOLTAGES OF UNIT, ETC.. THIS SHALL SERVE AS A WRITTEN DATABASE DESCRIBING ALL MAINTENANCE INFORMATION FOR EACH NEW PIECE OF EQUIPMENT USED.

BOILER ROOM and PIPING NOTES

- THE DRAWINGS SHOW THE GENERAL ARRANGEMENT OF ALL PIPING & EQUIPMENT, & INDICATE THE REQUIRED SIZE / POINTS OF TERMINATION OF THE PIPING & SUGGEST PROPER ROUTING OF SAME. IT IS NOT THE INTENTION OF THE DRAWINGS TO SHOW ALL NECESSARY OFFSETS, RISES, DROPS, OBSTRUCTIONS OR STRUCTURAL CONDITIONS. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO INSTALL HIS WORK IN SUCH A MANNER THAT IT WILL CONFORM TO THE STRUCTURE, AVOID OBSTRUCTIONS, PRESERVE HEADROOM & KEEP OPENINGS / PASSAGEWAYS CLEAR WITHOUT FURTHER CONSTRUCTION OR COST.
- ALL FLOOR MOUNTED BOILER ROOM EQUIPMENT SHALL BE INSTALLED ON A LEVEL, REINFORCED CONCRETE HOUSEKEEPING PAD, 4" THICK MIN. UNLESS OTHERWISE NOTED. ALL HOUSEKEEPING PADS SHALL BE INSTALLED BY THE MECHANICAL CONTRACTOR. PADS SHALL BE REINFORCED W/ WELDED WIRE MESH & SHALL BE POURED USING 3,000 PSI CONCRETE.
- MECHANICAL CONTRACTOR SHALL PROVIDE & INSTALL ALL REQUIRED STRUCTURAL SUPPORTS FOR ALL PIPING SYSTEMS & EQUIPMENT AS REQUIRED. PIPING SYSTEMS SHALL BE EQUIPPED WITH EXPANSION COMPENSATORS AT THE INTERVALS REQUIRED. PROVIDE PIPING GUIDES / ANCHORS AS REQUIRED.
- MECHANICAL CONTRACTOR SHALL PROPERLY INSULATE ALL NEW PIPING SYSTEMS & EQUIPMENT. REFER TO SPECIFICATION SECTION 15250 FOR FURTHER DETAILS REGARDING INSULATION REQUIREMENTS. UPON COMPLETION OF INSULATION WORK, MECHANICAL CONTRACTOR SHALL PROPERLY LABEL EACH PIPING RUN SHOWING THE TYPE OF FLUID CARRIED & DIRECTION OF FLOW. PIPE IDENTIFICATION MARKERS SHALL BE INSTALLED EVERY 20 FEET IN THE PIPING RUNS.
- ALL VALVES WITHIN PIPING SYSTEMS SHALL BE TAGGED USING A 1/2" DIA. BRASS TAG. PROVIDE A LEGEND LISTING VALVE #, TYPE OF VALVE, SERVICE TYPE, & LOCATION OF VALVE. KEY VALVE #S TO AS-BUILT DRAWINGS UPON COMPLETION OF PROJECT.
- MECHANICAL CONTRACTOR SHALL SUBMIT (3) SETS OF OPERATING MANUALS FOR EACH PIECE / TYPE OF MECHANICAL EQUIPMENT.
- MECHANICAL CONTRACTOR SHALL PROVIDE & INSTALL ALL WIRING & DEVICES AS REQUIRED TO CONTROL THE BOILER ROOM EQUIPMENT AS DESCRIBED IN THE SEQUENCE OF OPERATIONS LISTED IN THE PROJECT MANUAL. REFER TO SPECIFICATION SECTION 15903 FOR FURTHER DETAILS.

FIRESTOPPING NOTES

- ALL PENETRATIONS RELATED TO MECHANICAL WORK THROUGH FIRE RATED WALLS, FLOORS OR OTHER STRUCTURES SHALL BE FIRE STOPPED AS REQUIRED TO MAINTAIN THE RATING OF THE WALL BY MECHANICAL CONTRACTOR. IT IS ASSUMED THAT ALL WALLS IN THE CONSTRUCTION CARRY A MINIMUM FIRE RATING OF 1 HR. IT SHOULD BE ASSUMED THAT ALL MACHINE ROOM WALLS / BOILER ROOM WALLS / ELECTRIC ROOM WALLS CARRY A RATING OF 2 HR. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR A COMPLETE REVIEW OF THE ARCHITECTURAL DRAWINGS IN ORDER TO DETERMINE FIRE RATINGS OF ALL WALLS / PARTITIONS RELATED TO WORK UNDER THIS CONTRACT.
- MECHANICAL CONTRACTOR SHALL REVIEW THE COMPLETE ARCHITECTURAL SET OF DRAWINGS IN ORDER TO DETERMINE WHERE DUCT PENETRATIONS THROUGH RATED BARRIERS. DUCTS PENETRATING SAID RATED BARRIERS SHALL BE EQUIPPED WITH A UL LISTED FUSIBLE LINK TYPE FIRE DAMPER, RATED FOR SERVICE FOR WHICH IT IS BEING USED. FIRE DAMPERS SHALL BE PROVIDED & INSTALLED BY THE MECHANICAL CONTRACTOR, COMPLETE W/ DUCT ACCESS DOORS DIRECTLY ADJACENT TO THE DAMPER, POSITIONED FOR EASY REPLACEMENT OF THE LINK.
- MECHANICAL CONTRACTOR SHALL REVIEW THE COMPLETE ARCHITECTURAL SET OF DRAWINGS IN ORDER TO DETERMINE WHERE DUCT PENETRATIONS THROUGH RATED BARRIERS OCCUR BETWEEN SEPARATE SMOKE ZONES. DUCTS PENETRATING SAID FIRE / SMOKE BARRIERS SHALL BE EQUIPPED WITH A UL LISTED COMBINATION FIRE / SMOKE DAMPER, RATED FOR SERVICE FOR WHICH IT IS BEING USED. FIRE / SMOKE DAMPERS SHALL BE PROVIDED & INSTALLED BY THE MECHANICAL CONTRACTOR, COMPLETE W/ DUCT ACCESS DOORS DIRECTLY ADJACENT TO THE DAMPER. DAMPER ACTUATOR & RELATED WIRING SHALL BE PROVIDED & INSTALLED BY THE ELECTRICAL CONTRACTOR. COORDINATE DAMPER INSTALLATIONS W/ E.C. TO VERIFY PROPER CLEARANCES TO ASSURE PROPER DAMPER OPERATION.
- MECHANICAL CONTRACTOR SHALL PROVIDE A FULL SET OF AS-BUILT DRAWINGS, SHOWING EACH DAMPER LOCATION, TYPE OF DAMPER, ACCESS DOOR LOCATIONS, ETC.
- CONTRACTOR SHALL REFER TO SPECIFICATION SECTION 15511 FOR FURTHER DETAILS REGARDING FIRESTOPPING MATERIALS & METHODS.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF PRODUCTS TO BE USED. FIRESTOP MATERIALS OTHER THAN THE PRODUCTS SPECIFIED SHALL INCLUDE FULL TECHNICAL DATA WITH SHOP DRAWINGS TO DEMONSTRATE EQUALITY WITH THE SPECIFIED FIRESTOPPING MATERIALS.

GENERAL INSTRUMENTATION NOTES

- AT A MINIMUM, PROVIDE THERMOMETERS / WELLS AT THE FOLLOWING LOCATIONS:
 - AT INLETS & OUTLET OF EACH THREE WAY VALVE (UNIT VENTILATORS / CABINET UNIT HEATER INSTALLATIONS EXCEPTED).
 - AT INLET & OUTLET OF EACH HYDRONIC BOILER, CHILLER OR COOLING TOWER.
 - AT INLET & OUTLET OF EACH HYDRONIC COIL IN AIR HANDLING UNITS & BUILT-UP CENTRAL SYSTEMS.
- AT A MINIMUM, PROVIDE LIQUID FILLED PRESSURE GAUGES / WELLS AT THE FOLLOWING LOCATIONS:
 - AT SUCTION & DISCHARGE OF EACH PUMP.
 - FOR EACH MAKEUP WATER LINE.
 - BEFORE & AFTER ALL PRESSURE REDUCING VALVES.
 - AT ACCESSIBLE HIGH POINT OF ALL HYDRONIC PIPING SYSTEMS.
 - AT ALL EXPANSION / COMPRESSION TANKS.

PIPING SYSTEMS and EQUIPMENT VENTING NOTES

- MECHANICAL CONTRACTOR WILL BE RESPONSIBLE FOR THE PROPER VENTING OF ALL NEWLY INSTALLED HYDRONIC PIPING SYSTEMS. AUTOMATIC AIR VENTS SHALL BE INSTALLED AT EVERY HIGH POINT IN THE PIPING SYSTEM WHERE AIR CAN COLLECT. PROVIDE COIL IN RISER PRIOR TO AUTOMATIC AIR VENT. NEW AIR VENTS SHALL BE "TACO" #HY-VENT OR EQUIVALENT.
- MECHANICAL CONTRACTOR SHALL PROVIDE & INSTALL NEW AUTOMATIC AIR VENT FOR EACH AIR HANDLING UNIT COIL OR DUCT MOUNTED COIL. INSTALL SHUT-OFF COCK PRIOR TO VENT TIE-IN.
- MECHANICAL CONTRACTOR SHALL PROVIDE NEW MANUAL AIR VENTS FOR ALL UNIT VENTILATOR COILS, CONNECTORS, FAN COIL UNITS, FIN TUBE RADIATORS, ETC.. MANUAL VENTS SHALL BE "TACO" #M17 COIN VENT OR EQUIVALENT. PROVIDE SHUT-OFF COCK PRIOR TO VENT. AIR COIL VENT DISCHARGE IN AN APPROPRIATE MANNER AS TO FACILITATE THE CAPTURE OF BLEED WATER WHILE PERFORMING SYSTEM BLEEDING OPERATIONS.

ELECTRICAL WORK UNDER MECHANICAL CONTRACT

- MECHANICAL CONTRACTOR SHALL PROVIDE ALL STARTERS & DISCONNECT SWITCHES REQUIRED FOR ALL NEW MECHANICAL EQUIPMENT. STARTER / DISCONNECT SWITCH INSTALLATION TO BE PERFORMED UNDER THE ELECTRICAL CONTRACT. COORDINATE WORK W/ ELECTRICAL CONTRACTOR PRIOR TO START OF WORK.
- POWER WIRING REQUIRED FOR CONTROLS SHALL BE PERFORMED UNDER THE MECHANICAL CONTRACT UNLESS SPECIFICALLY NOTED OTHERWISE ON THE ELECTRICAL DRAWINGS. MECHANICAL CONTRACTOR SHALL OBTAIN THE SERVICES OF A LICENSED ELECTRICIAN (PER NEC REQUIREMENTS) TO PERFORM ALL ELECTRICAL WORK.

DUCTWORK NOTES

- PROVIDE ALL NEW DUCTWORK AS SHOWN AND SPECIFIED UNDER SPECIFICATION SECTION 015891, AND IN CONFORMANCE WITH SMACNA SPECIFICATIONS.
- IF A DUCT ELBOW IS SHOWN TO BE RADIUSSED, THEN RADIUSSED ELBOWS SHALL BE INSTALLED. SQUARE ELBOWS MAY NOT BE SUBSTITUTED WHERE RADIUSSED ELBOWS ARE SHOWN. WHERE SQUARE ELBOWS ARE SHOWN, TURNING VANES SHALL BE INSTALLED UPON APPROVAL BY THE ENGINEER.
- PROVIDE DUCT LINING IN ALL DUCTWORK THAT IS CONVEYING BELOW AMBIENT TEMPERATURE AIR & IS NOT INSULATED. PROVIDE LINING IN SUPPLY & RETURN AIR DUCTWORK FROM AIR HANDLING EQUIPMENT TO 20 FEET AWAY FROM THE UNITS). IN ADDITION, INCLUDE LINING IN ANY OTHER DUCT SPECIFICALLY SHOWN OR SPECIFIED TO BE EQUIPPED WITH LINING. REFER TO SPECIFICATION SECTION 15891 & 15290 FOR FURTHER INFORMATION.
- WHERE FLEXIBLE DUCTWORK IS USED, LENGTHS MAY NOT EXCEED 4 FEET TOTAL IN ANY ONE RUN OF FLEXIBLE DUCTWORK. FLEXIBLE DUCTWORK SHALL BE RATED IN ACCORDANCE WITH UL 181, CLASS 1. REFER TO SPECIFICATION SECTION 15891 FOR FURTHER INFORMATION.
- MECHANICAL CONTRACTOR SHALL PROVIDE A BUTTERFLY TYPE VOLUME DAMPER WITH LOCKING QUADRANT HANDLE PRIOR TO EACH AIR OUTLET SHOWN. INSTALL DAMPER AT LEAST 5 FEET AWAY FROM AIR OUTLET WHEREVER POSSIBLE.
- MECHANICAL CONTRACTOR SHALL PROVIDE FLEXIBLE DUCT CONNECTIONS WHERE DUCT SYSTEMS CONNECT TO EQUIPMENT. REFER TO SPECIFICATION SECTION 15891 FOR FURTHER INFORMATION.

TESTING and BALANCING NOTES

- MECHANICAL CONTRACTOR WILL BE REQUIRED TO PERFORM ALL EQUIPMENT & SYSTEM TESTING / BALANCING REQUIRED UNDER THIS CONTRACT. PROVIDE A FULL REPORT DETAILING ALL DESIGN & ACTUAL CONDITIONS FOR ALL AIR & HYDRONIC SYSTEMS SHOWN ON THE DRAWINGS. REFER TO SPECIFICATION SECTIONS 15990 & 15997 FOR FURTHER DETAILS.
- UPON NOTICE OF COMPLETION OF WORK BY THE CONTRACTOR, OWNER WILL OBTAIN THE SERVICES OF AN INDEPENDENT TESTING & BALANCING CONTRACTOR TO VERIFY THE RESULTS OF THE TESTING & BALANCING REPORT SUBMISSION. INDEPENDENT TESTING AGENCY SHALL SELECT A RANDOM NUMBER OF MEASUREMENTS TO BE CHECKED. MEASUREMENTS WILL BE CHECKED IN THE SAME MANNER AS ORIGINALLY MEASURED. NUMBER OF VERIFICATION MEASUREMENTS SHALL BE APPROXIMATELY 25% OF THE TOTAL MEASUREMENTS FOR THE PROJECT.
- IF MORE THAN 10% OF THE VERIFICATION TESTING SHOWS DEVIATIONS OF 10% OR MORE / SOUND LEVEL OF 2dB DIFFERENT THAN THAT ORIGINALLY MEASURED, THE ORIGINAL REPORT WILL BE REJECTED. ALL SYSTEMS WILL THEN BE REQUIRED TO BE COMPLETELY RE-TESTED, WITH A SECOND REPORT SUBMITTED. IN THE EVENT THAT THE ORIGINAL REPORT IS REJECTED, ALL SYSTEMS SHALL BE READJUSTED & TESTED. NEW CERTIFIED REPORTS SUBMITTED, AND NEW VERIFICATION TESTS MADE, AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS INVOLVED WITH THE VERIFICATION TESTS.

ABBREVIATIONS

A.F.F.	ABOVE FINISHED FLOOR
B.D.	BACKDRAFT DAMPER
CWS	COLD WATER SUPPLY
CFM	CUBIC FEET OF AIR PER MINUTE
D.	DEEP / DEPTH
DIA-	DIAMETER
FAT	FLOAT & THERMOSTATIC
FFM	FEET PER MINUTE
FSD	FIRE DAMPER - DUCT MOUNTED
FLEX	FLEXIBLE
FO	FLAT OVAL DUCTWORK
GAL.	GALLONS
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
H.	HIGH
H.C.	HANDICAPPED
HWS	HEATING SYSTEM HOT WATER SUPPLY
HWR	HEATING SYSTEM HOT WATER RETURN
HP	HORSEPOWER
I.D.	INSIDE DIAMETER
KW	KILOWATT
L	LONG
LAT	LEAVING AIR TEMPERATURE
LPC	LOW PRESSURE STEAM CONDENSATE
LPS	LOW PRESSURE STEAM
LWT	LEAVING WATER TEMPERATURE
MAX.	MAXIMUM
MIN.	MINIMUM
MBH	BTU x 1,000
MFR	MANUFACTURER
M.H.	MANHOLE
MISC.	MISCELLANEOUS
MTD.	MOUNTED
S	NATURAL GAS
N.I.C.	NOT IN CONTRACT
No. / #	NUMBER
NOM.	NOMINAL
N.T.S.	NOT TO SCALE
O.A.	OUTSIDE AIR
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.S. & Y.	OUTSIDE SCREW & YOKE
O.C.	ON CENTER
PE	PNEUMATIC / ELECTRIC
PREFAB	PREFABRICATED
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
R.A.	RETURN AIR
REQD.	REQUIRED
RPM	REVOLUTIONS PER MINUTE
S.A.	SUPPLY AIR
SCH.	SCHEDULE
S.P.	STATIC PRESSURE
STD.	STANDARD
T	TEMPERATURE
TXV	THERMAL EXPANSION VALVE
TYP.	TYPICAL
VOL.	VOLUME
V.D.	VOLUME DAMPER
VOL.	VELOCITY
VFD	VARIABLE FREQUENCY DRIVE
W.	WIDE
W/	WITH
W/O	WITHOUT
WB	WET BULB TEMPERATURE
WTD	WATER TEMPERATURE DROP
WTR	WATER TEMPERATURE RISE
WPD	WATER PRESSURE DROP

MECHANICAL SYMBOL LEGEND

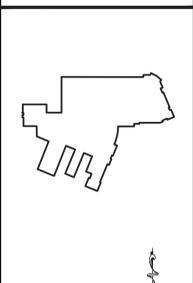
SYMBOL	DESCRIPTION
	RECTANGULAR GALVANIZED DUCTWORK - DIMENSIONS W' x 'H'
	NEW SUPPLY DUCTWORK TO RISE UP
	NEW SUPPLY DUCTWORK TO DROP DOWN
	NEW RETURN DUCTWORK TO RISE UP
	NEW RETURN DUCTWORK TO DROP DOWN
	TRANSITION IN DUCTWORK
	FIRE DAMPER INSTALLED IN DUCTWORK
	VOLUME DAMPER IN DUCT (w/ LOCKING QUADRANT HANDLE)
	ROUND DUCT WORK TO RISE UP
	ROUND DUCTWORK TO DROP DOWN
	FLAT OVAL DUCT WORK
	RECTANGULAR TO ROUND DUCT TRANSITION
	ELBOW IN DUCTWORK w/ TURNING VANES
	ELBOW IN DUCTWORK (RADIUS + 1.5 x D)
	45 DEG. TAKEOFF FITTING
	90 DEG. TAKEOFF w/ BELLMOUTH FITTING
	FLEXIBLE DUCTWORK TO DIFFUSER (4 FT. MAX. RUN)
	4-WAY PATTERN CEILING DIFFUSER
	3-WAY PATTERN CEILING DIFFUSER
	2-WAY PATTERN CEILING DIFFUSER (90 DEG. / OPPOSING PATTERN)
	CEILING RETURN AIR REGISTER
	LINEAR SLOT DIFFUSER
	ROOF MOUNTED EXHAUST FAN

PIPING SYMBOL LEGEND

SYMBOL	DESCRIPTION
	PIPING TO RISE UP (TEE)
	PIPING TO DROP DOWN (TEE)
	PIPING TO RISE UP (ELBOW)
	PIPING TO DROP DOWN (ELBOW)
	PIPING ANCHOR
	PIPING GUIDE
	COLD WATER SUPPLY PIPING
	HEATING SYSTEM SUPPLY PIPING
	HEATING SYSTEM RETURN PIPING
	CHILLED WATER SUPPLY PIPING
	CHILLED WATER RETURN PIPING
	CONDENSER WATER SUPPLY PIPING
	CONDENSER WATER RETURN PIPING
	CONDENSATE DRAINAGE PIPING
	LOW PRESSURE STEAM CONDENSATE PIPING
	LOW PRESSURE STEAM PIPING
	LOW PRESSURE NATURAL GAS PIPING
	ELEVATED PRESSURE NATURAL GAS PIPING
	GAS COCK
	DIRT LEG IN PIPING
	LIQUEFIED PETROLEUM GAS PIPING
	VENT PIPING
	LINEAR EXPANSION COMPENSATOR
	EXPANSION LOOP IN PIPING
	UNION IN PIPING
	PIPING STRAINER (w/ BLOWDOWN VALVE)
	REDUCER / INCREASER FITTINGS IN PIPING
	ECCENTRIC REDUCER IN PIPING
	THERMOMETER
	PRESSURE GAUGE
	FULL PORT BALL VALVE
	GATE VALVE
	SWING CHECK VALVE
	BALANCING VALVE
	3-WAY VALVE (w/ OPERATOR)
	CIRCUIT CUTTER
	TRIPLE DUTY VALVE
	WAFER VALVE
	PLUG / CAP IN PIPING
	PNEUMATIC CONTROL VALVE OPERATOR
	ELECTRIC CONTROL VALVE OPERATOR
	AUTOMATIC AIR VENT
	EXISTING PIPING

REV.	DATE	ITEM

NOTICE
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KEY PLAN
 NOT TO SCALE

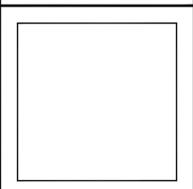
BRIARCLIFF MANOR U.F.S.D.
 PHASE 2 BOND IMPROVEMENTS
 TODD ELEMENTARY SCHOOL
 45 INGHAM ROAD, BRIARCLIFF MANOR, NY 10510

MECHANICAL
 GENERAL NOTES, LEGENDS, AND SCHEDULES

DRAWING BY: R.D.P.
 CHECK BY:

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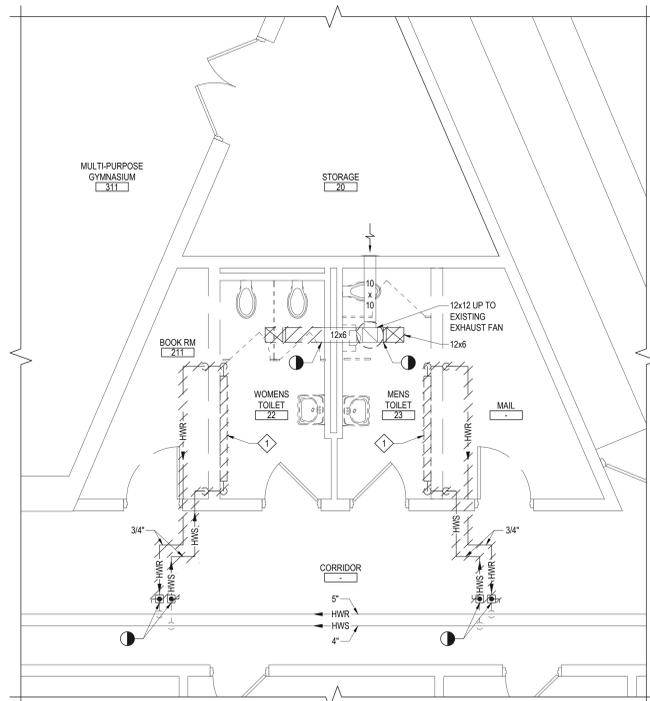
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DISTRICT:	BRIARCLIFF MANOR U.F.S.D. DISTRICT NAME
PROJECT:	PHASE 2 BOND IMPROVEMENTS AT TODD ES
DWG TITLE:	GENERAL NOTES, LEGENDS AND SCHEDULES
SCALE:	AS NOTED
DATE:	NOVEMBER 14, 2022
BID PICK-UP:	NOVEMBER 14, 2022
FILE No:	21-247D

M0.01 HSMS

NOTE - SINGLE PRIME CONTRACT:
 1. UNDER BASE BID - GC-2 , ALL GENERAL CONSTRUCTION, MECHANICAL CONSTRUCTION, PLUMBING CONSTRUCTION, AND ELECTRICAL CONSTRUCTION WORK SCOPE SHOWN SHALL BE PROVIDED AND INSTALLED BY THE SINGLE PRIME CONTRACTOR. REFER TO SPECIFICATIONS (INSTRUCTIONS TO BIDDERS and BID PROPOSAL FORM) FOR ADDITIONAL INFORMATION REGARDING SINGLE PRIME CONTRACT.

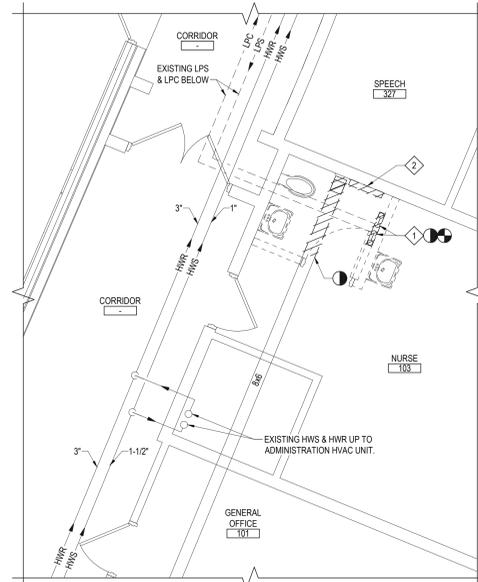


TOILET ROOM HVAC DEMOLITION PLAN

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

DEMOLITION WORK KEYED NOTES:

- M.C. TO DEMO & REMOVE EXISTING HOT WATER FIN TUBE. M.C. TO COORDINATE ANY REQUIRED SHUT-DOWN WITH SCHOOL FACILITIES DEPT. PRIOR TO COMMENCING WORK. M.C. TO COORDINATE ALL WORK WITH G.C.

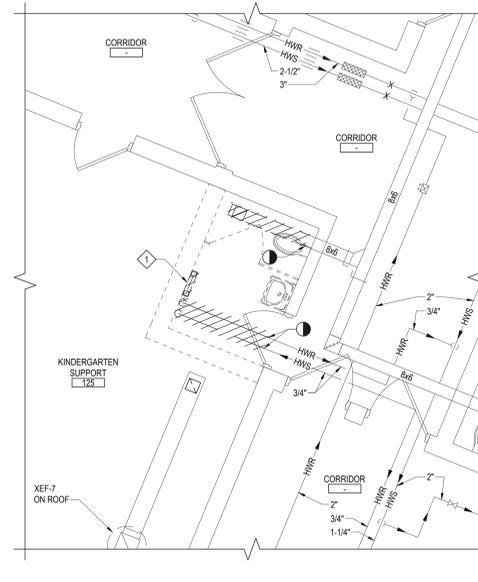


TOILET ROOM HVAC DEMOLITION PLAN

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

DEMOLITION WORK KEYED NOTES:

- M.C. TO DEMO & REMOVE EXISTING STEAM CONVECTOR. M.C. TO HAVE G.C. CHOP FLOOR TO ALLOW M.C. TO ACCESS EXISTING LPS & LPC TO CUT AND CAP PIPES (BELOW FLOOR) FEEDING STEAM CONVECTOR. G.C. TO PATCH FLOOR UPON COMPLETION OF M.C.'S WORK. COORDINATE ANY REQUIRED SHUT-DOWN WITH SCHOOL FACILITIES DEPT. PRIOR TO COMMENCING WORK. M.C. TO COORDINATE ALL WORK WITH G.C.
- M.C. TO DEMO & REMOVE EXISTING ELECTRIC BASEBOARD RADIATOR. M.C. TO COORDINATE WORK WITH E.C. & G.C.

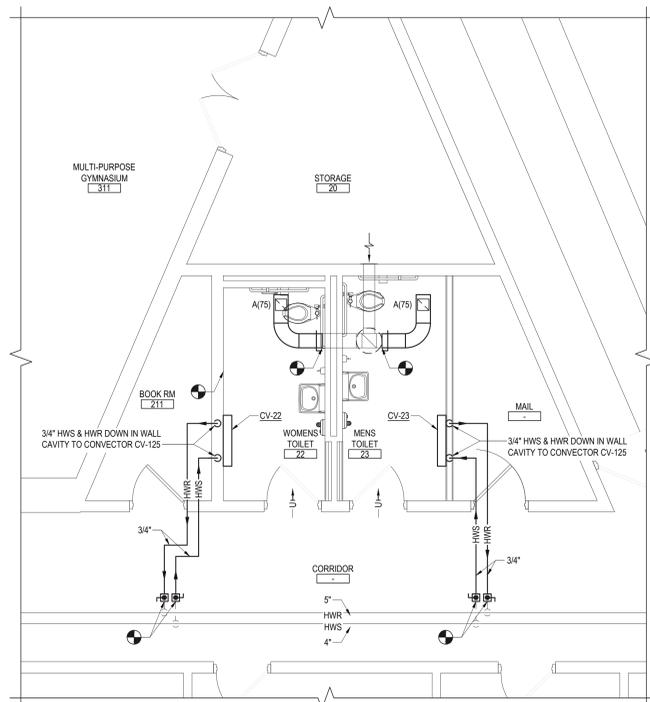


TOILET ROOM HVAC DEMOLITION PLAN

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

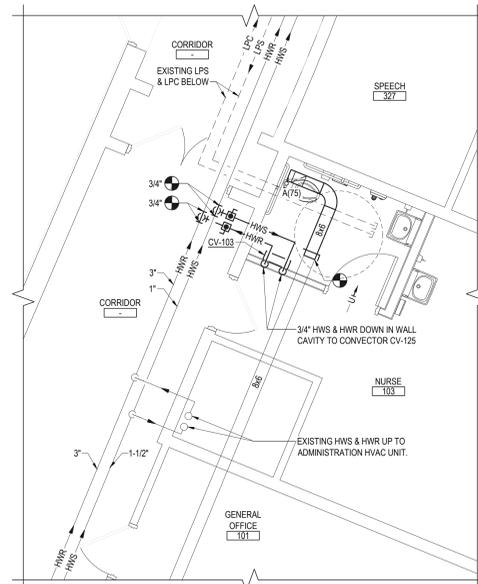
DEMOLITION WORK KEYED NOTES:

- M.C. TO DEMO & REMOVE EXISTING HOT WATER CONVECTOR. M.C. TO COORDINATE ANY REQUIRED SHUT-DOWN WITH SCHOOL FACILITIES DEPT. PRIOR TO COMMENCING WORK. M.C. TO COORDINATE ALL WORK WITH G.C.



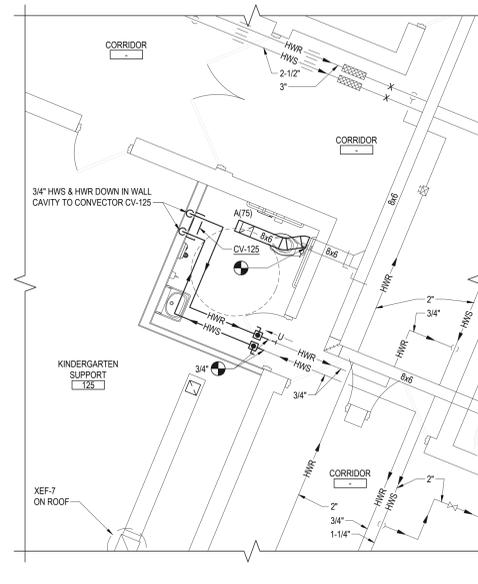
TOILET ROOM HVAC NEW WORK PLAN

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



TOILET ROOM HVAC NEW WORK PLAN

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



TOILET ROOM HVAC NEW WORK PLAN

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

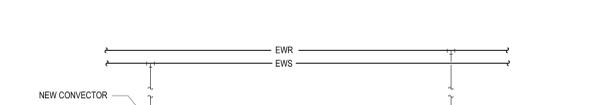
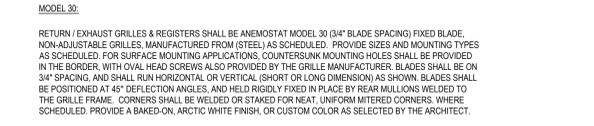
AIR DEVICE SCHEDULE (ANEMOSTAT AS STANDARD)					
MANUFACTURER MODEL NO.	TAG	NECK SIZE	MODULE SIZE	CFM RANGE	SYMBOL & FLOW PATTERN
ANEMOSTAT 30 (SURFACE MTD.) EXHAUST	A	-	8x8	UP TO 150	EXHAUST

NOTES:

- MECHANICAL CONTRACTOR TO COORDINATE BORDER TYPES WITH CLG. CONSTRUCTION.
- ALL BALANCING TO BE PERFORMED THRU BRANCH DAMPERS.
- EXHAUST GRILLES BASED ON ANEMOSTAT MODEL 30.
- MAXIMUM NC LEVELS ARE <25 FOR ALL EXHAUST.

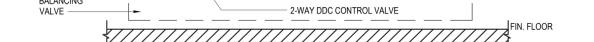
MODEL 30:

RETURN / EXHAUST GRILLES & REGISTERS SHALL BE ANEMOSTAT MODEL 30 (3/4" BLADE SPACING) FIXED BLADE, NON-ADJUSTABLE GRILLES, MANUFACTURED FROM (STEEL) AS SCHEDULED. PROVIDE SIZES AND MOUNTING TYPES AS SCHEDULED. FOR SURFACE MOUNTING APPLICATIONS, COUNTERSINK MOUNTING HOLES SHALL BE PROVIDED IN THE BORDER, WITH OVAL HEAD SCREWS ALSO PROVIDED BY THE GRILLE MANUFACTURER. BLADES SHALL BE ON 3/4" SPACING, AND SHALL RUN HORIZONTAL OR VERTICAL, (SHORT OR LONG DIMENSION) AS SHOWN. BLADES SHALL BE POSITIONED AT 45° DEFLECTION ANGLES, AND HELD RIGIDLY IN PLACE BY REAR MULLIONS WELDED TO THE GRILLE FRAME. CORNERS SHALL BE WELDED OR STAKED FOR NEAT, UNIFORM MITERED CORNERS, WHERE SCHEDULED. PROVIDE A BAKED-ON, ARCTIC WHITE FINISH, OR CUSTOM COLOR AS SELECTED BY THE ARCHITECT.



1 CONVECTORS HEATING ELEMENT PIPING SCALE: N.T.S.

2 CLEVIS HANGER PIPING SUPPORT DETAIL SCALE: N.T.S.

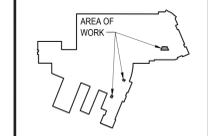


3 PIPING WALL/FLOOR PENETRATION SCALE: N.T.S.

REV.	DATE	ITEM

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KEY PLAN NOT TO SCALE

PROJECT

BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVEMENTS
TODD ELEMENTARY SCHOOL
45 INGHAM ROAD, BRIARCLIFF MANOR, NY 10510

DWG TITLE

HVAC
DEMOLITION & PROPOSED PART PLANS

DRAWING BY: Z.M.Z.
CHECK BY: ...

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SED No: 66-14-02-02-0-002-021

DISTRICT: BRIARCLIFF MANOR U.F.S.D. DISTRICT NAME

PROJECT: PHASE 2 BOND IMPROVEMENTS AT TODD ES

DWG TITLE: HVAC DEMOLITION & PROPOSED PART PLANS

SCALE: AS NOTED

DATE: NOVEMBER 14, 2022

BID PICK-UP: NOVEMBER 14, 2022

FILE No: 21-247D

M1.01

SLOPE TOP, WALL-MOUNTED, HOT WATER CONVECTOR SCHEDULE (CV-22, CV-23, CV-103 & CV-125) (BASIS: ZEHNDER RITTLING)

Model **SL-18-24-04**

Tag: _____

Qty	Coil Config	Inlet/Outlet	End Bracket
1	Hot Water		NONE

General Information

Altitude:	0	Feet
Height:	18" H	
Length:	24" L	
Depth:	4" D	

Hot Water Heat

Capacity:	2.9	MBH
Entering Air Temperature:	63.0	°F
Fluid Flow:	0.5	GPM
Entering Fluid Temperature:	200.0	°F
Leaving Fluid Temperature:	188.0	°F
Average Fluid temperature:	194.0	°F
Fluid ΔT:	12.0	°F
Fluid Pressure Drop:	0.2	ft. H ₂ O
Fluid Type:	Water	
Glycol %:	0	

Unit Information

Unit Length:	24	Inches
Unit Width:	4	Inches
Unit Height:	18	Inches

* Weight is base unit only, does not include any options or accessories selected



Standard Colors



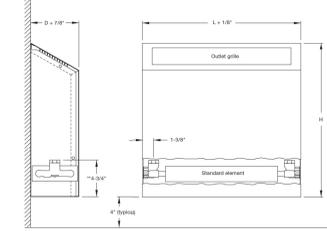
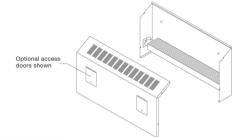
Pricing for standard colors varies by product and color, refer to price lists for detailed information. Electronic file is for reference only, subject to the calibration of each individual monitor it is viewed on. Contact the factory for a printed color chart to obtain an accurate representation of standard colors.

Dimensions and data

Nominal Height	Nominal Depth	Nominal Depth (H)
24"	4"	4"
28"	20"	6"
36"	20"	8"
40"	20"	
48"		
52"		
60"		
66"		

Any combination of length, height and depth is available.

Model SL; wall hung slope top



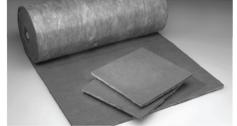
Unit Height	Unit Length	# of Doors Available	Available Locations	Door Size
Up to 24"	All lengths	2	1, 2	8 1/4" x 9 1/2"
28" and over	All lengths	3	1, 2	9 1/4" x 9 1/2"



Note: Contact factory on heights less than 24". The coil is adjustable 28" up in 7/8" increments. For connectors less than 24" long, and products are not offered as standard. Consult factory for availability.

Qty: 3 Tags: Bathroom, Fiberglass insulation

Description
Flexible duct liner insulation is made from strong, glass fibers bonded with a thermosetting resin. The airstream surface is protected with a reinforced coating system, which combines a state-of-the-art acrylic coating with a flexible glass mat reinforcement to provide a smooth airstream surface.



- Advantages**
- Improves indoor environmental quality by helping to control both temperature and sound.
 - The tough, acrylic polymer coating helps guard against the incursion of dust or dirt into the substrate, minimizing the potential for biological growth.
 - Coating is formulated with an immobilized, EPA-registered, protective agent to protect the coating from potential growth of fungus and bacteria. Duct liner meets all requirements for fungi and bacterial resistance. Tests were conducted in accordance with ASTM C 1338 and ASTM G 21 (fungi testing) and ASTM G 22 (bacteria resistance testing). Note: As with any type of surface, microbial growth may occur in accumulated duct system dirt, given certain conditions. This risk is minimized with proper design, filtration, maintenance and operation of the HVAC system.
 - The reinforced coating surface provides superior resistance to penetration of incidental water into the fiber glass wool core.
 - GREENGUARD certification is proof that the product meets the Environmental Institute's indoor air quality standards for VOCs.

Thermal performance

Thickness	R-value	Conductance
in	ft ² ·h·°F/Btu	m ² ·°C/W
1/2	2.2	0.38
1	4.4	0.66

Sound absorption coefficients (type "A" mounting)

Thickness	Sound absorption coefficient at frequency (cycles per second) of	NRC
in	125 250 500 1000 2000 4000	
1/2	0.07 0.30 0.44 0.66 0.84 0.93	0.55

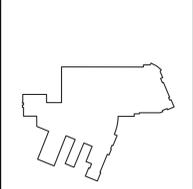
- General properties**
- Operating temperature (max.): ASTM C 411 250 °F (121 °C)
 - Air velocity (max.): ASTM C 1071 6,000 fpm (30.5 m/sec)
 - Water repellency: INDA IST 80.6-92
 - Fungi resistance: ASTM C 1338 Does not breed or promote
 - Fungi resistance: ASTM G 21 No growth
 - Bacteria resistance: ASTM G 22 No growth
- Surface burning characteristics**
- Meets the surface burning characteristics and limited combustibility of the following standards: standard test method
 - ASTM E 84
 - UL 723
 - NFPA 255
 - NFPA 90A and 90B, FHC 25/50 and limited combustibility
 - NFPA 259
 - CAN/ULC S102-M88
 - Flame spread: not over 25
 - Smoke developed: not over 50
- Specification compliance**
- ASTM C 1071, Type 1
 - ASTM G 21 and G 22
 - ICC Compliance
 - California Title 24
 - ASHRAE 62-2001
 - SMACNA Application Standards for Duct Liners
 - NAMMA Fibrous Glass Duct Liner Installation Standard
 - Canada: CSB 91-GP-11M and CAN/CSB 91-11

Warranty
Zehnder Ritting guarantees its products to be free from defects in material and workmanship for a period of one year from date of shipment from our factory.

Should there be any defects in the goods, the purchaser should promptly notify Zehnder Ritting. Upon receipt of written consent from Zehnder Ritting, the purchaser shall return the defective goods to the factory for inspection with freight prepaid. If inspection shows the goods to be defective, Zehnder Ritting will at its discretion repair or replace the said items. Defects arising from damage due to shipment, improper installation, negligence or misuse by others are not covered by this warranty. This warranty is extended only to the original purchaser from Zehnder Ritting.

REV.	DATE	ITEM

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KEY PLAN
NOT TO SCALE

PROJECT
BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVEMENTS
TODD ELEMENTARY SCHOOL
45 INGHAM ROAD, BRIARCLIFF MANOR, NY 10510

DWG TITLE
MECHANICAL
SCHEDULES & DETAILS

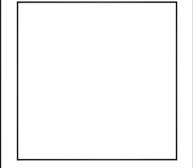
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SED No: 66-14-02-02-0-002-021

DISTRICT: BRIARCLIFF MANOR U.F.S.D. DISTRICT NAME

PROJECT: PHASE 2 BOND IMPROVEMENTS AT TODD ES

DWG TITLE: MECHANICAL SCHEDULES & DETAILS

SCALE: AS NOTED

DATE: _____

BID PICK-UP: NOVEMBER 14, 2022

FILE No: 21-247D

M6.01

PLUMBING FIXTURE SCHEDULE								
LABEL	FIXTURE	SPECIFICATION	TRAP	VENT	COLD	HOT	TEMPERED	
P-1	FLOOR MOUNTED WATER CLOSET - ADA	AMERICAN STANDARD MADERA FLO-WISE 16-1/2" HEIGHT WHITE VITREOUS CHINA WITH EVERCLEAN TOILET NO. 3461 660 FLOOR MOUNTED WITH TOP SPUD. THE TOP OF WATER CLOSET SEAT SHALL BE 17-1/2" ABOVE FINISHED FLOOR. PROVIDE AND INSTALL AMERICAN STANDARD BATTERY POWERED AND SENSOR OPERATED SELECTRONIC FLO-WISE FLUSHMETER MODEL 6055 121 002 LOW CONSUMPTION (1.28 G.P.F.) AND ALL NECESSARY SUPPORTS AND CONNECTIONS. FURNISH WITH AMERICAN STANDARD ELONGATED HEAVY DUTY WHITE PLASTIC SEAT MODEL 5961 - OPEN FRONT WITH EVERCLEAN SURFACE.	4"	2"	1-1/2"	--	--	
P-2	WALL MOUNTED LAVATORY - ADA	AMERICAN STANDARD LUCERNE WHITE VITREOUS CHINA WALL HUNG LAVATORY MODEL 0355 012 WITH FRONT OVERFLOW, FAUCET LEDGE, "D" SHAPED BOWL, SELF-DRAINAGE DECK AREA WITH CONTOURED BACK AND SIDE SPLASH SHIELDS AND BRACKET SUPPORT. INSTALL WITH AMERICAN STANDARD INNSBROOK SELECTRONIC ELECTRONIC PROXIMITY LAVATORY FAUCET MODEL 6053 205 BATTERY POWERED FAUCET (0.5 GPM) WITH AMERICAN STANDARD MODEL 6637M1070 THERMOSTATIC MIXING VALVE, GRID STRAINER AND TRILEBRO MODEL 2018-ASU LAV SHIELD ENCLOSURE AND ALL NECESSARY SUPPORTS AND CONNECTIONS. REFER TO ARCHITECTURAL DWGS. FOR FIXTURE MOUNTING HEIGHTS. P.C. TO FURNISH AND INSTALL McGraw MODEL # 8902C CAST BODY P-TRAP WITH CLEANOUT WITH 18 GAUGE SEAMLESS TUBULAR WALL BEND, CAST BRASS SLIP NUT, REDUCING WASHERS SHALL BE USED WITH REDUCING CAST BRASS NUT WITH SHALLOW DEEP BELL (STEEL BRASS), OR (FORGED BRASS WITH SET SCREW) FLANGE. FED SPEC W.W.P. 541. CAT BRASS P-TRAP MINIMUM SEAL 2" A.S.M.E A112.18.2(CSA B-105.2) P.C. TO FURNISH AND INSTALL McGraw MODEL S.F.15107 ANGLE SUPPLY STOP COPPER SWEAT X O.D. CHROME PLATED BRASS. SUPPLY STOP VALVE WITH FULL TURN BRASS STEM INLET SHALL (3/8 1/2) INCH (IPS, SWEAT, COMPRESSION). OUTLET SHALL BE (3/8 1/2) INCH (IPS, SWEAT, COMPRESSION). ASME A112.18.2 UP/CL. P.C. TO FURNISH AND INSTALL LAVATORY CARRIER (CONCEALED ARMS). REFER TO THE ARCHITECTURAL DRAWINGS FOR WALL THICKNESS. WALL CARRIER FOOTPRINT SHALL FIT WITHIN THE WALL. REGULARLY FURNISHED: SINGLE LAVATORY FIXTURE SUPPORT WITH PAINTED CAST IRON HEADER COUPLINGS, ROUND TUBULAR STEEL UPRIGHTS, CAST IRON CONCEALED ARMS, ZINC PLATED SUPPORT HARDWARE AND WELDED BASE FEET. ASME TYPE 2 CARRIER LOAD RATING=250LB. P.C. TO FURNISH AND INSTALL AMERICAN STANDARD MODEL 4773.018 OFF DRAIN WITH OVERFLOW. FOR WHEELCHAIR LAVATORY. POLISHED CHROME FINISH.	1-1/2"	1-1/2"	1/2"	1/2"	--	--
P-3	DECK PLATE CLEAN OUT	ZURN ZN1400-B21-VP CLEANOUT, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, WITH GAS AND WATER TIGHT THREADED ABS TAPERED PLUG, POLISHED NICKEL BRONZE TOP AND VANDAL-PROOF SCREWS (CLEANOUT SIZE TO MATCH PIPE SIZE)	--	--	--	--	--	
P-4	DROP-IN CLASSROOM SINK AND BUBBLER	ELKAY MODEL DRKAD2217401 LUSTERTONE™ CLASSIC STAINLESS STEEL 22" X 17" X 4", SINGLE BOWL, 2-HOLE DROP-IN CLASSROOM ADA SINK. SINK IS MANUFACTURED FROM 18 GAUGE 304 STAINLESS STEEL WITH A LUSTROUS SATIN FINISH. CENTER DRAIN PLACEMENT, AND BOTTOM ONLY PADS. ELKAY MODEL LKSS1141A STAINLESS STEEL CLASSROOM BUBBLER. ELKAY MODEL LKSS3-12" DRAIN FITTING TYPE 304 STAINLESS STEEL BODY STRAINER BASKET AND TAILPIECE. PC TO CAP ADDITIONAL HOLE IN SINK (ONLY BUBBLER HOLE IS NEEDED).	1-1/2"	1-1/2"	1/2"	--	--	

LEGEND	
	COLD WATER SUPPLY LINE
	HOT WATER SUPPLY LINE
	HOT WATER RETURN LINE
	TEMPERED WATER LINE
	VENT LINE
	SANITARY WASTE LINE
	BALANCING VALVE
	BALL VALVE
	UNION
	CLEAN OUT DECK PLATE
	CLEAN OUT IN WALL
	CLEAN OUT
	PIPE RUNNING UP
	PIPE RUNNING DOWN
	FLOOR DRAIN
	ROOF DRAIN
	STRAINER
	SOLENOID CONTROLLED VALVE
	POINT OF DISCONNECTION/CONNECTION
	INTERIOR WALL HYDRANT SEE PLUMBING FIXTURE SCHEDULE
	CHECK VALVE
U.O.N.	UNLESS OTHERWISE NOTED
A.F.G.	ABOVE FINISHED GRADE

GENERAL PLUMBING NOTES:

1. ALL PLUMBING WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEW YORK STATE BUILDING CODE AND OF ALL AUTHORITIES HAVING JURISDICTION. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND PAYING RELATED FEES.
2. PROVIDE ALL REQUIRED OFFSETS, FITTINGS, VALVES, TRAPS, DRAINS ETC. EVEN THOUGH NOT INDICATED DUE TO SMALL SCALE OF DRAWINGS.
3. CHECK DRAWINGS OF OTHER TRADES AND ARRANGE WORK TO AVOID ANY CONFLICTS.
4. RUN PIPING IN WALL CHASE, RECESSES, PIPE SHAFTS AND HUNG CEILING WHERE PROVIDED. COORDINATE LOCATION WITH OTHER TRADES.
5. PROVIDE ACCESSIBLE CONTROL TO VALVES WHERE NOTED OR REQUIRED FOR COMPLETE WORK FOR STEMS, PLUMBING FIXTURES ACCESSIBLE.
6. USE INCREASED FITTINGS FOR CHANGES IN PIPE SIZE. USE NO BUSHINGS EXCEPT WITH SPECIAL PERMISSION BY ENGINEER.
7. PLUMBING CONTRACTOR SHALL FURNISH ALL SUPERVISION, LABOR, MATERIALS, EQUIPMENT AND APPLIANCES REQUIRED FOR A COMPLETE PLUMBING AND DRAINAGE INSTALLATION AS SHOWN ON THE DRAWING, INCLUDING BUT NOT LIMITED TO THE FOLLOWING ITEMS:
 - 7.1. INSTALL ALL NEW PIPING CONNECTIONS TO PLUMBING FIXTURES AND FITTINGS ETC.
 - 7.2. PROVIDE AND INSTALL NEW HOT & COLD WATER CONNECTIONS TO ALL NEW PLUMBING FIXTURES AS SHOWN.
 - 7.3. ROUGH-IN AND FINAL CONNECTIONS TO ALL NEW PLUMBING FIXTURES.
 - 7.4. ALL NECESSARY HANGERS AND INCIDENTALS AS REQUIRED TO MAKE EACH SYSTEM COMPLETE.
 - 7.5. CONTRACTOR SHALL PROVIDE AND INSTALL 1" THICK FACED FIBERGLASS PIPE INSULATION ON ALL NEW HOT & COLD WATER PIPING.
 - 7.6. PERFORM ALL TEST AND ADJUSTMENT TO ALL SYSTEMS UNDER THIS CONTRACT AND DOCUMENT SAME TO PROVE PROPER OPERATION TO OWNER AND THE ENGINEER.
8. RUN VENT PIPING WITH LONG TURN ELBOWS AT CHANGES IN DIRECTION, GRADE TO DRAIN OUT OF CONDENSATION AND CONNECT AT BASE TO PREVENT ACCUMULATION OF RUST.
9. PROVIDE CLEAN OUTS (FULL SIZE UP TO 4" AND AT LEAST 4" HALF-SIZE FOR LARGER PIPE) WHERE INDICATED.
10. INTERIOR DOMESTIC WATER PIPING SHALL BE TYPE "L" COPPER. UNDERGROUND DOMESTIC WATER PIPING SHALL BE TYPE "K" COPPER FOR UP TO 2" AND DUCTILE IRON OVER 2". WASTE PIPING SHALL BE SERVICE WEIGHT CAST IRON SOIL PIPE, HUB AND SPIGOT UNDERGROUND AND NO-HUB INSIDE BUILDING. VENT PIPING SHALL BE NO HUB CAST IRON.
11. PIPE INSULATION SHALL BE AS FOLLOWS:

FOR PIPING	1-1/2" and BELOW	1-1/2" and ABOVE
HOT & TEMPERED WATER	1"	1-1/2"
COLD WATER	1/2"	1"
12. ALL WORK SHALL BE PROPERLY TESTED AND CLEANED. PROVIDE ONE YEAR WARRANTY FROM DATE OF ENGINEER'S ACCEPTANCE ON ALL PARTS AND LABOR.
13. RUN ALL WATER AND WASTE LINES IN GENERAL LOCATIONS SHOWN BUT CONFORM TO ALL STRUCTURAL AND FINISH CONDITIONS OF BUILDING. COORDINATE WITH ARCHITECTURAL DRAWINGS PRIOR TO INSTALLATIONS.
14. ALL WATER LINES IN EXTERIOR WALL SHOULD BE BETWEEN INSULATION AND INTERIOR OF WALL.
15. ALL CONCRETE FLOOR OR WALL CUTTING AND PATCHING BY PLUMBING CONTRACTOR.
16. WHERE DISSIMILAR METALS ARE CONNECTED, PROVIDE AN APPROVED MAKE OF NON-GALVANIC ISOLATOR, DIELECTRIC UNION OR FLANGES.
17. ALL VERTICAL ENCLOSURES AND CHASES FOR PIPING BY G.C. UNLESS OTHERWISE NOTED.
18. ALL PLUMBING PIPING PENETRATIONS THROUGH FIRE RATED WALL OR FLOOR ASSEMBLIES SHALL BE FIRE-STOPPED WITH "METACAULK 1000" FIRE RESISTANT CAULKING (3/4" DEPTH SIDES OF PENETRATION). SEE SPEC. SECTION 15050A, 2.15 & 3.12.

UTILITY NOTES:

1. PIPING LOCATIONS ARE SCHEMATIC AND EACH TRADE SHALL RUN PIPING IN ORDER TO USE THE LEAST AMOUNT OF MATERIAL.
2. PLUMBING CONTRACTOR SHALL PROVIDE VENT PIPING FOR ALL PLUMBING FIXTURES AS PER CODE.
3. PLUMBING NOTE: PIPING SIZES SEE SCHEDULE THIS SHEET.
4. P.C. TO VERIFY SIZE OF SERVICE REQUIRED, SIZE AND EXACT LOCATION OF CONNECTIONS TO EACH PIECE OF FIXTURE AND/OR APPLIANCE.

67.4 NOTE:

1. THE PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL NEW AND/OR REPLACEMENT PLUMBING FIXTURES. THE RESPECTIVE FIXTURES MUST ADHERE TO THE "LEAD-FREE" DIVISION 16A SPECIFICATIONS OUTLINED THE INSTALLATION MEANS AND METHODS AS WELL AS THE FIXTURE ITSELF BEING "LEAD FREE". THE CONTRACTOR SHALL PROVIDE THE REQUIRED SUBMITTALS FOR ALL FIXTURES AND BUILDING MATERIALS PRIOR TO THE FIXTURE INSTALLATION, AND CONFIRM ON THE JOBSITE THAT THE FIXTURE ADHERES TO "LEAD-FREE" REGULATIONS.
 - a. FOLLOWING THE POTABLE FIXTURE INSTALLATION, THE P.C. SHALL REMOVE ALL FILTERS AND STRAINERS AND FLUSH THE FIXTURE OF DEBRIS FROM THE SYSTEM.
2. FOLLOWING THE COMPLETION OF THE P.C. WORK SCOPE, THE OWNER SHALL HAVE THE WATER CONDITIONS TESTED FOR LEAD CONTAMINANTS BY A THIRD-PARTY TESTING FIRM TO REGULATION 67.4 OF THE DEPARTMENT OF HEALTH REGULATIONS AS PART OF SECTION 1417 OF THE FEDERAL SAFE WATER ACT TO DETERMINE THEM AS "LEAD-FREE" COMPLIANT, AND NYSED GUIDELINES OF LESS THAN 15PPB.
3. IF A FIXTURE DOES NOT COMPLY WITH SUB-PART REGULATION 67.4 OF THE DPH SECTION 1417 OF THE FEDERAL SAFE WATER ACT, THE P.C. SHALL ABSORB THE FEE FOR THE FIRST LEAD TESTING PROCEDURE AS WELL AS THE FOLLOWING CONFIRMATION PROCEDURES AT NO ADDITIONAL COST TO THE OWNER.

CONTRACTOR ABBREVIATION LEGEND

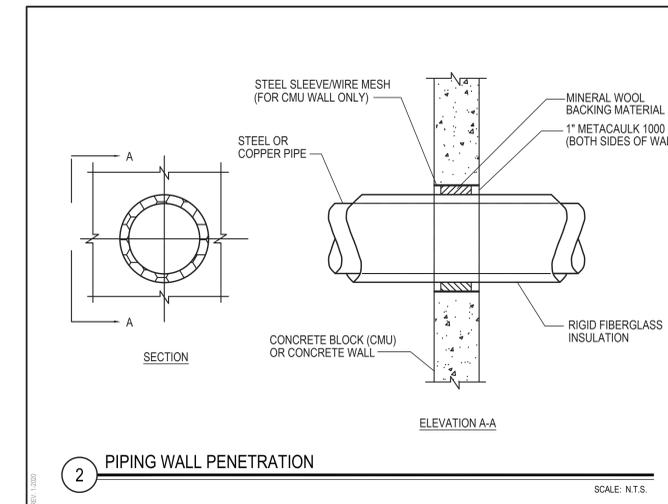
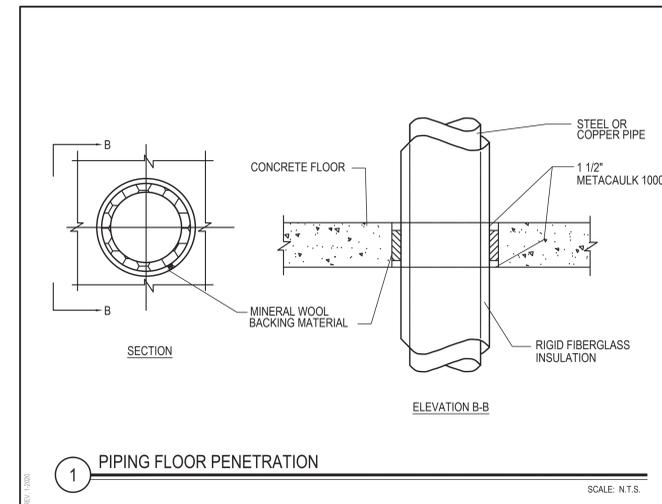
G.C.	GENERAL CONSTRUCTION CONTRACTOR
M.C.	MECHANICAL CONTRACTOR
P.C.	PLUMBING CONTRACTOR
E.C.	ELECTRICAL CONTRACTOR
A.C.	ASBESTOS ABATEMENT CONTRACTOR

EXISTING PLUMBING PIPING FIELD VERIFICATION NOTES:

1. PLUMBING CONTRACTOR (P.C.) SHALL BE RESPONSIBLE TO INCLUDE IN THEIR PROPOSAL, EXISTING FIELD VERIFICATION OF ALL EXISTING PLUMBING INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:
 1. COLD WATER LINES
 2. HOT WATER SUPPLY LINES
 3. HOT WATER RECIRCULATION LINES
 4. SANITARY WASTE LINES
 5. VENT LINES

PLUMBING DEMOLITION NOTES:

- FOR PLUMBING FIXTURES TO BE REMOVED AND NOT REPLACED IN ORIGINAL LOCATION - P.C. TO REMOVE EXISTING PLUMBING ROUGH-INS, PIPING ETC. BACK TO POINT OF CONCEALMENT WITHIN OR BEHIND WALLS, BELOW FLOORS OR ABOVE CEILING TO MAIN BRANCHES, STACKS OR RISER AS REQUIRED TO ELIMINATE DEAD END PIPING RUNS LONGER THAN 1'-0".
- FOR PLUMBING FIXTURES TO BE REMOVED AND REPLACED WITH NEW OF SIMILAR TYPE, THE P.C. SHALL DISCONNECT AND REMOVE EXISTING PLUMBING FIXTURE AND MAINTAIN OR MODIFY EXISTING PLUMBINGS ROUGH-INS, PIPING ETC. AS REQUIRED TO ACCOMMODATE INSTALLATION OF NEW PLUMBING FIXTURE.

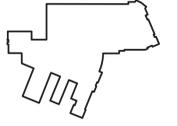


NOTE - SINGLE PRIME CONTRACT:

1. UNDER BASE BID - GC-2, ALL GENERAL CONSTRUCTION, MECHANICAL CONSTRUCTION, PLUMBING CONSTRUCTION, AND ELECTRICAL CONSTRUCTION WORK SCOPE SHOWN SHALL BE PROVIDED AND INSTALLED BY THE SINGLE PRIME CONTRACTOR. REFER TO SPECIFICATIONS (INSTRUCTIONS TO BIDDERS and BID PROPOSAL FORM) FOR ADDITIONAL INFORMATION REGARDING SINGLE PRIME CONTRACT.

REV.	DATE	ITEM

NOTICE
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KEY PLAN
 NOT TO SCALE

PROJECT
 BRIARCLIFF MANOR U.F.S.D.
 PHASE 2 BOND IMPROVEMENTS
 TODD ELEMENTARY SCHOOL
 45 INGHAM ROAD, BRIARCLIFF MANOR, NY 10510

DWG TITLE
 PLUMBING
 GENERAL NOTES, LEGENDS, AND SCHEDULES

DRAWING BY: Z.M.Z.
 CHECK BY:

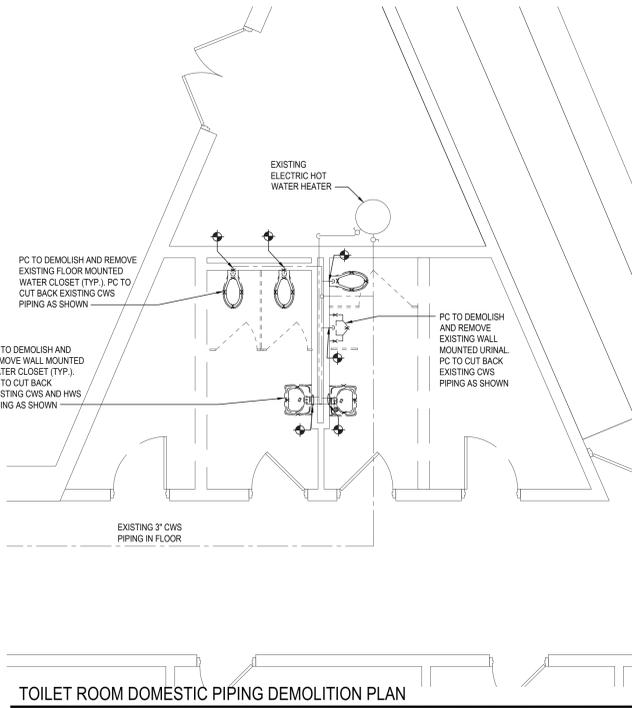
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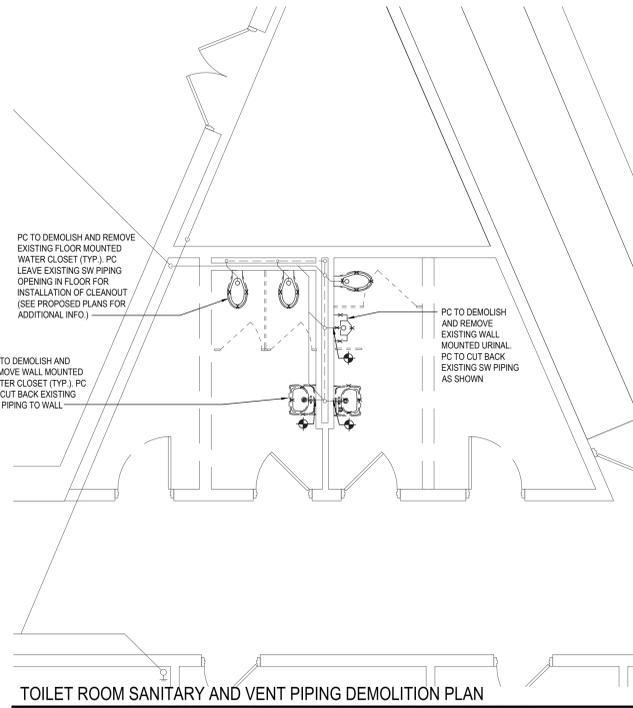
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SED No: 66-14-02-02-0-002-021
 DISTRICT: BRIARCLIFF MANOR U.F.S.D. DISTRICT NAME
 PROJECT: PHASE 2 BOND IMPROVEMENTS AT TODD ES
 DWG TITLE: GENERAL NOTES, LEGENDS AND SCHEDULES
 SCALE: AS NOTED
 DATE: NOVEMBER 14, 2022
 BID PICK-UP: NOVEMBER 14, 2022
 FILE No: 21-247D

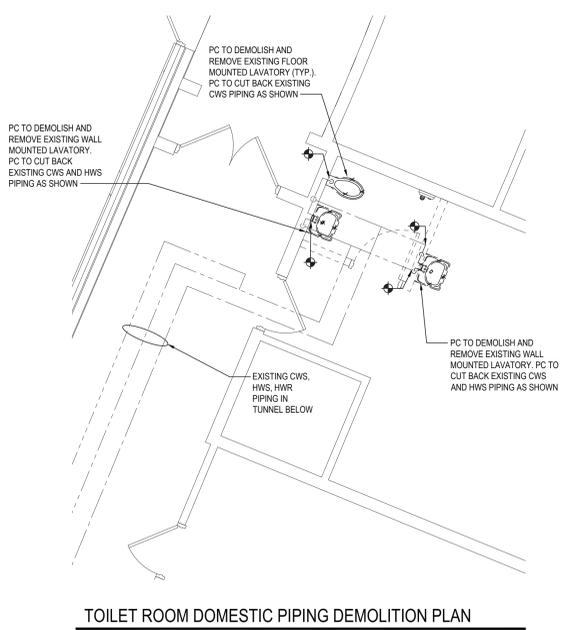
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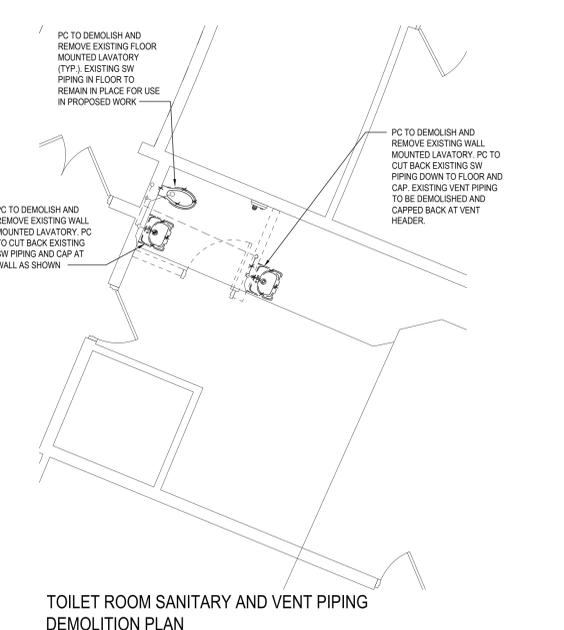
TOILET ROOM DOMESTIC PIPING DEMOLITION PLAN
NOTE: AT TODD ELEMENTARY SCHOOL SCALE: 1/4" = 1'-0"



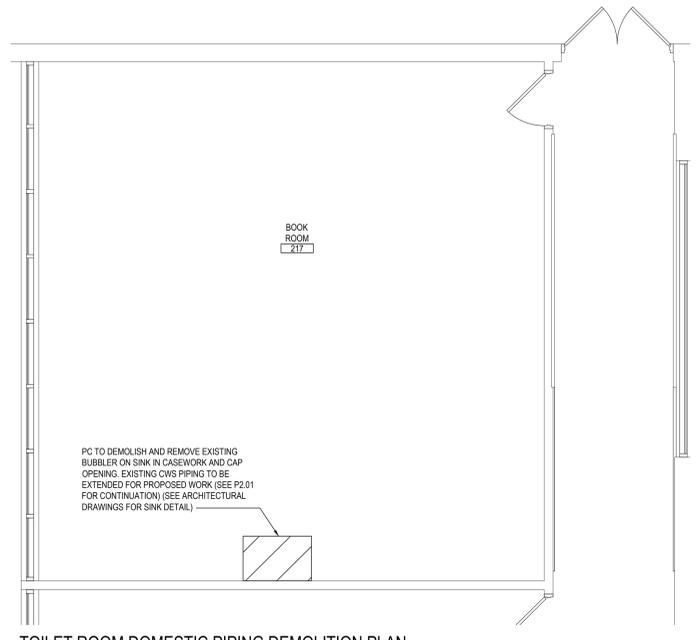
TOILET ROOM SANITARY AND VENT PIPING DEMOLITION PLAN
NOTE: AT TODD ELEMENTARY SCHOOL SCALE: 1/4" = 1'-0"



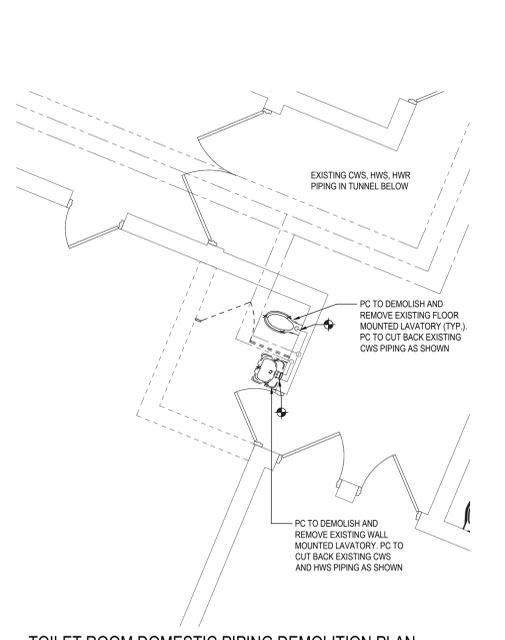
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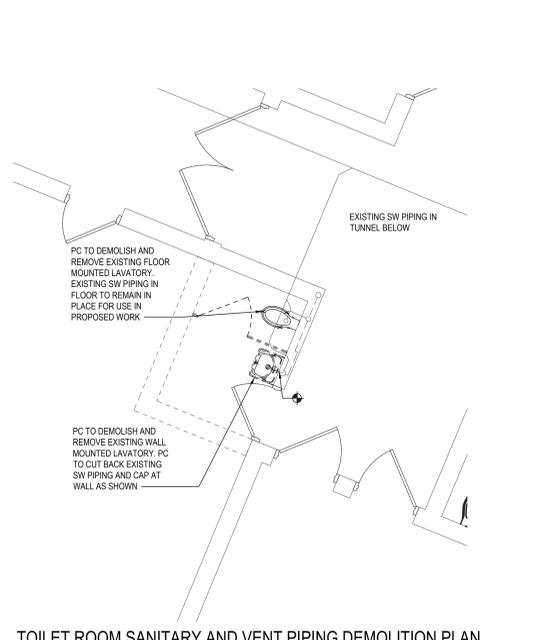
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TOILET ROOM DOMESTIC PIPING DEMOLITION PLAN
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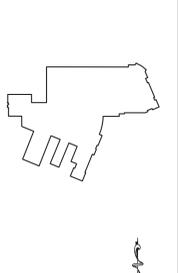
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NOT TO SCALE

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PHASE 2 BOND IMPROVEMENTS
TODD ELEMENTARY SCHOOL
45 INGHAM ROAD, BRIARCLIFF MANOR, NY 10510

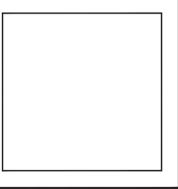
DWG TITLE
PLUMBING
DEMOLITION PLANS

DRAWING BY: Z.M.Z.
CHECK BY: ---

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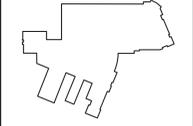
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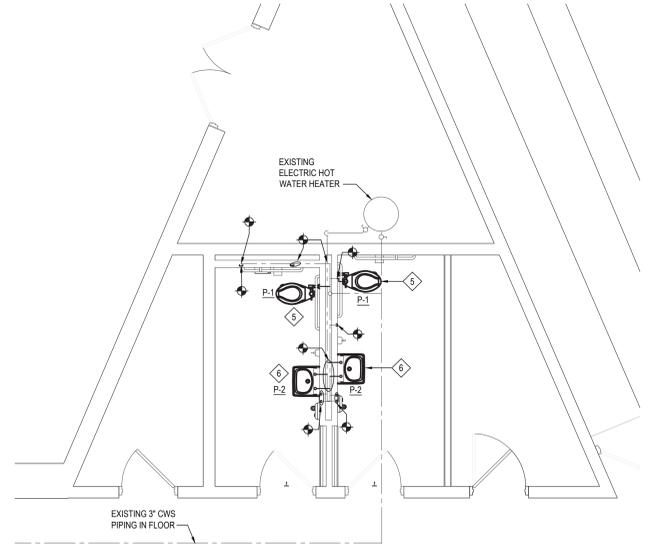
SED No: 66-14-02-02-0-002-021
DISTRICT: BRIARCLIFF MANOR U.F.S.D. DISTRICT NAME
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DWG TITLE: PLUMBING DEMOLITION PLANS
SCALE: AS NOTED
DATE: JULY 15, 2022
BID PICK-UP:
FILE No: 21-247D

REV.	DATE	ITEM

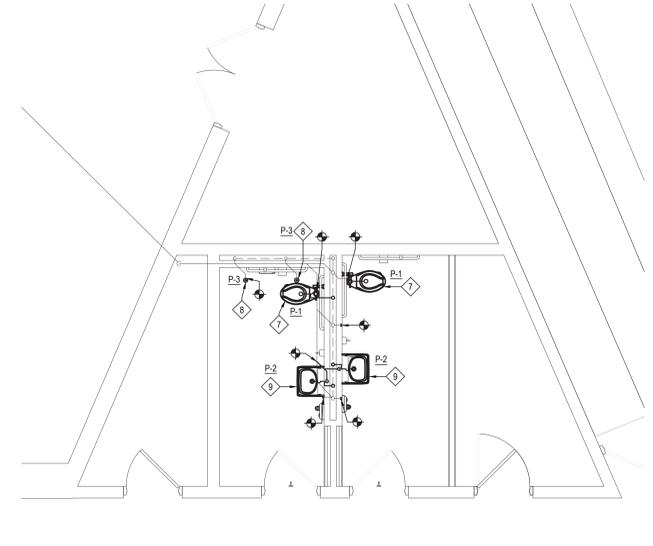
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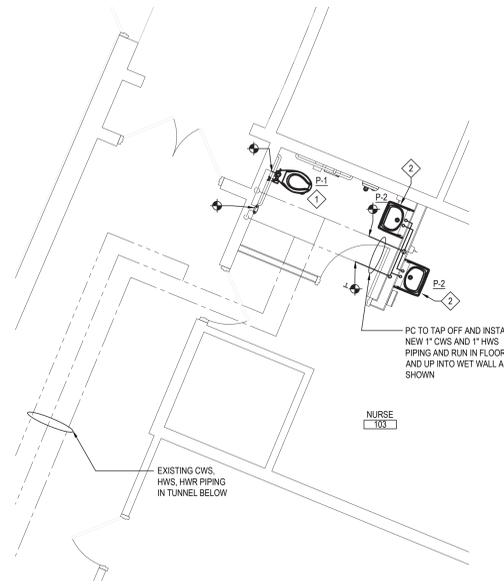
KEY PLAN
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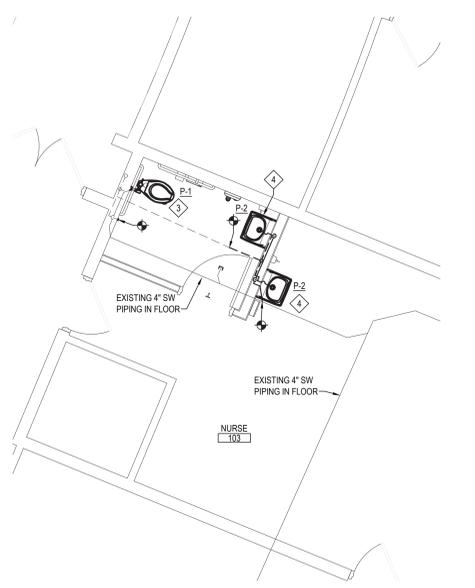
TOILET ROOM DOMESTIC PIPING PROPOSED PLAN
 NOTE: AT TODD ELEMENTARY SCHOOL SCALE: 1/4" = 1'-0"



TOILET ROOM SANITARY AND VENT PIPING PROPOSED PLAN
 NOTE: AT TODD ELEMENTARY SCHOOL SCALE: 1/4" = 1'-0"

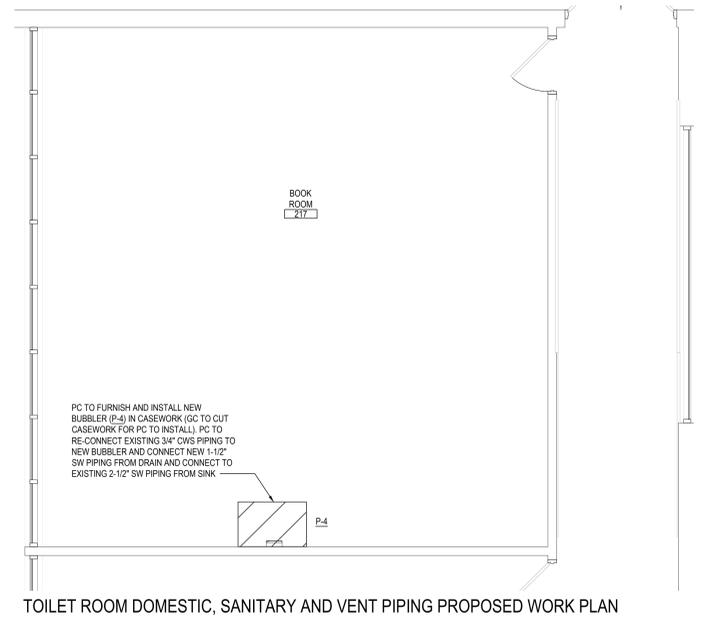


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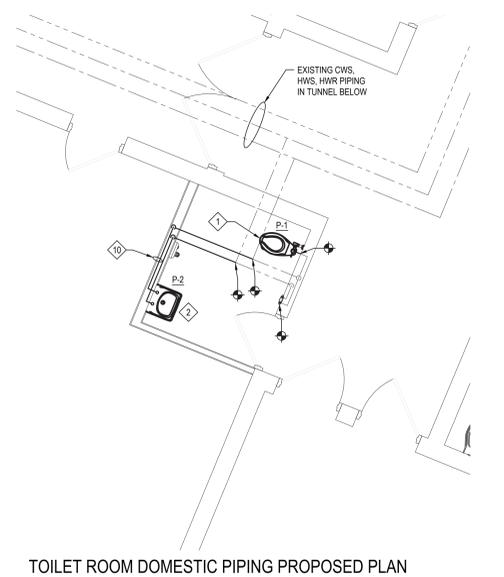


TOILET ROOM SANITARY AND VENT PIPING PROPOSED PLAN
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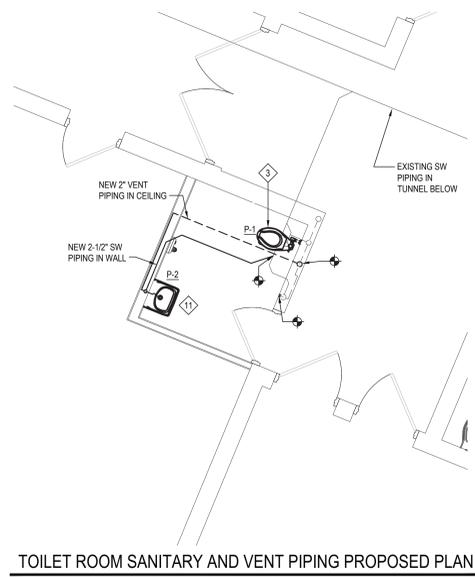
- DOMESTIC PIPING DEMOLITION KEY NOTES**
- 1. PC TO FURNISH AND INSTALL NEW FLOOR MOUNTED WATER CLOSET (P-1) AS SHOWN. PC TO RECONNECT TO EXISTING 1-1/2" CWS AND INSTALL NEW FLUSHMETER TO NEW FIXTURE.
 - 2. PC TO FURNISH AND INSTALL NEW WALL MOUNTED LAVATORY (P-2) ON WALL AS SHOWN. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PC TO CONNECT NEW 1" CWS AND 1" HWS PIPING TO FIXTURE AS SHOWN.
 - 3. PC TO FURNISH AND INSTALL NEW FLOOR MOUNTED WATER CLOSET (P-1) AS SHOWN. PC TO RECONNECT TO EXISTING 4" SW PIPING IN FLOOR.
 - 4. PC TO FURNISH AND INSTALL NEW WALL MOUNTED LAVATORY (P-2) ON WALL AS SHOWN. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PC TO CONNECT NEW 2-1/2" SW PIPING AND 2" VENT PIPING IN WET WALL AS SHOWN.
 - 5. PC TO FURNISH AND INSTALL NEW FLOOR MOUNTED WATER CLOSET (P-1) AS SHOWN. PC TO TAP OFF NEW 1-1/2" CWS PIPING OFF OF EXISTING 1-1/2" CWS PIPING AND CONNECT TO NEW FIXTURE AND FLUSHMETER.
 - 6. PC TO FURNISH AND INSTALL NEW WALL MOUNTED LAVATORY (P-2) ON WALL AS SHOWN. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PC TO TAP OFF OF EXISTING CWS AND HWS PIPING IN WET WALL AND RUN NEW 1" CWS AND HWS PIPING TO FIXTURE AS SHOWN.
 - 7. PC TO FURNISH AND INSTALL NEW FLOOR MOUNTED WATER CLOSET (P-1) AS SHOWN. PC INSTALL NEW 4" SW PIPING IN FLOOR WITH GC TO SAWCUT AND CONNECT TO EXISTING 4" SW IN FLOOR. PC TO CONNECT NEW FIXTURE TO NEW PIPING. PC TO RUN NEW 2" VENT PIPING INTO WALL AND CONNECT TO EXISTING 2" VENT IN WET WALL.
 - 8. PC TO FURNISH AND INSTALL NEW 4" DECK PLATE CLEAN OUT (P-3) IN EXISTING 4" SW PIPING OPENING IN FLOOR.
 - 9. PC TO FURNISH AND INSTALL NEW WALL MOUNTED LAVATORY (P-2) ON WALL AS SHOWN. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PC TO RUN NEW 2-1/2" SW PIPING INTO WET WALL AND DOWN INTO FLOOR EXISTING 4" SW PIPING IN WALL. PC TO ALSO CONNECT NEW 2" VENT TO EXISTING 2" VENT IN WET WALL.
 - 10. PC TO TAP OFF OF EXISTING CWS AND HWS PIPING IN FLOOR AND RUN NEW 1" CWS AND HWS PIPING IN FLOOR AND RUN TO WALL THEN TO FIXTURE AS SHOWN.
 - 11. PC TO FURNISH AND INSTALL NEW WALL MOUNTED LAVATORY (P-2) ON WALL AS SHOWN. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PC TO CONNECT NEW 2-1/2" SW PIPING AND 2" VENT PIPING IN WET WALL AND RUN INTO FLOOR (TRANSITION IN FLOOR TO 4" SW PIPING) AND CONNECT TO EXISTING SW PIPING AS SHOWN (GC TO SAW CUT FLOOR AS NEEDED WITH PC PRESENT). RUN NEW 2" VENT IN CEILING AND CONNECT TO EXISTING AS SHOWN.



TOILET ROOM DOMESTIC, SANITARY AND VENT PIPING PROPOSED WORK PLAN
 NOTE: AT TODD ELEMENTARY SCHOOL SCALE: 1/4" = 1'-0"



TOILET ROOM DOMESTIC PIPING PROPOSED PLAN
 NOTE: AT TODD ELEMENTARY SCHOOL SCALE: 1/4" = 1'-0"



TOILET ROOM SANITARY AND VENT PIPING PROPOSED PLAN
 NOTE: AT TODD ELEMENTARY SCHOOL SCALE: 1/4" = 1'-0"

PROJECT
 BRIARCLIFF MANOR U.F.S.D.
 PHASE 2 BOND IMPROVEMENTS
 TODD ELEMENTARY SCHOOL
 45 INGHAM ROAD, BRIARCLIFF MANOR, NY 10510

DWG TITLE
 PLUMBING
 PROPOSED PLANS

DRAWING BY: Z.M.Z.
 CHECK BY: ...

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SED No: 66-14-02-02-0-002-021
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 BID PICK-UP:
 FILE No: 21-247D

P2.01

ELECTRICAL CONSTRUCTION NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE N.E.C., APPLICABLE LOCAL CODES, STATE CODES, OWNERS WORKING RULES AND SCHEDULE DIRECTIVES, AND THE ENGINEERS SPECIFICATIONS.
- THE VOLTAGE CHARACTERISTIC OF BUILDING IS 208Y/120V, 3-PHASE, 4-WIRE, GROUNDING NEUTRAL, WYE. ALL EQUIPMENT SHALL BE COMPATIBLE WITH THESE CHARACTERISTICS. VERIFY AND MAINTAIN ALL PHASE ROTATIONS THROUGHOUT THE PROJECT.
- THE DRAWINGS SCHEMATICALLY SHOW THE APPROXIMATE LOCATION OF ALL EQUIPMENT, CONDUITS, DEVICES, ETC. THE EXACT LOCATION OF WHICH SHALL BE SUBJECT TO APPROVAL BY THE ARCHITECT AND /OR OWNER WHO RESERVES THE RIGHT TO MAKE ANY REASONABLE CHANGES TO THE LOCATION INDICATED WITHOUT EXTRA COST TO THE OWNER. CONTRACTOR SHALL VERIFY ALL INDICATED OR APPROXIMATED DIMENSIONS DRAWN OR DENOTED.
- CONTRACTOR SHALL EXAMINE THE SITE TO VERIFY WORK TO BE PERFORMED AS SHOWN ON DRAWINGS AND SPECIFICATIONS BEFORE SUBMITTING HIS BID. ANY DISCREPANCY BETWEEN DRAWINGS AND SPECIFICATIONS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO ARCHITECT /ENGINEERS ATTENTION BEFORE BID SUBMITTAL. ANY FIELD CONDITIONS FOUND AFTER BID APPROVAL WHICH HINDER AND/OR PREVENTS ANY WORK TO BE PERFORMED AS SHOWN ON DRAWINGS AND SPECIFICATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BID THE HIGHER SPECIFICATION FOR ANY DISCREPANCY BETWEEN DRAWINGS AND SPECIFICATIONS.
- CONTRACTOR SHALL PROVIDE ALL LABOR SERVICE MATERIALS, EQUIPMENT, AND RELATED ITEMS TO COMPLETE THE WORK OF THIS DIVISION, AS REQUIRED BY THE NATIONAL, ELECTRIC CODE, AND ALL STATE AND LOCAL AUTHORITIES HAVING JURISDICTION.
- CONTRACTOR SHALL PROVIDE ALL ELECTRICAL HARDWARE SHOWN ON THESE DRAWINGS, RELATED DETAIL AND IS NECESSARY TO COMPLETE THE INSTALLATION.
- CONTRACTOR SHALL PAY ANY FEES APPLICABLE TO ELECTRICAL WORK, SUCH AS, BUT NOT LIMITED TO, THE POWER COMPANY, TELEPHONE COMPANY, CATV, AN APPROVED ELECTRICAL INSPECTION AGENCY, ALARM AND FIRE PROTECTION COMPANIES.
- CONTRACTOR SHALL REFER TO ALL OTHER DRAWINGS IN BID PACKAGE AND PERFORM THE WORK (INCLUDE IN HIS BID) INDICATED AS ELECTRICAL CONTRACTOR (E/C) WORK.
- ALL WORK SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND DIRECTIVES OF THE OWNER.
- ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR WHO SHALL OBTAIN AN INSPECTION CERTIFICATE AND PAY ASSOCIATED FEE. SUBMIT A PHOTOCOPIY OF THIS CERTIFICATE TO THE ENGINEER WITH FINAL PAYMENT APPLICATION.
- CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND THEIR INSTALLATION TO BE FREE OF DEFECTS FOR A PERIOD AS SPECIFIED IN SPEC SECTION 07100 OF THE PROJECT MANUAL.
- A COMPLETE SYSTEM OF WIRING, WITH ALL FEEDERS, MAINS, BRANCHES AND CONDUITS AS SHOWN ON THE DRAWINGS, SHALL BE FURNISHED AND INSTALLED FROM THE MAIN DISTRIBUTION BOARD TO THE PANELS, OUTLETS, MOTORS, AND APPURTENANCES.
- PROVIDE IDENTIFICATION FOR ALL PANEL AND MOTOR FEEDER CABLES IN PULL BOXES AND AT TERMINATIONS. ANY CONDUCTOR VOLTAGES HIGHER THAN 240 VOLTS SHALL BE MARKED ON DEVICES AND JUNCTION BOXES.
- FURNISH AND INSTALL ALL WIRING OF ANY VOLTAGE OR PURPOSE AS SHOWN ON THE DRAWINGS.
- THE INDICATED SOURCE OF EXISTING CIRCUITS MAY NOT BE KNOWN OR HAS NOT BEEN VERIFIED. IT IS THE DIVISION 16 CONTRACTORS RESPONSIBILITY TO TRACE OUT, LOCATE AND VERIFY THE DISCONNECTING MEANS OF EXISTING CIRCUITS TO BE IMPACTED BY THE WORK. SAFE OFF THE CIRCUIT AS REQUIRED TO SAFELY PERFORM THE WORK, AND RE-ENERGIZE UPON COMPLETION. UPDATE PANEL DIRECTORIES UPON COMPLETION.
- ALL BRANCH CIRCUITS SHALL HAVE INDIVIDUAL NEUTRALS. SHARING COMMON NEUTRALS AMONG BUNDLED CIRCUITS IS SPECIFICALLY DISALLOWED UNLESS OTHERWISE NOTED.
- PULL / JUNCTION BOXES SHALL BE PROVIDED WHERE INDICATED OR AS OTHERWISE REQUIRED TO FACILITATE THE PROPER INSTALLATION OF WIRES AND CABLES. CONDUITS MAY BE INCREASED IN SIZE FOR CONSTRUCTION CONVENIENCE.
- FURNISH AND INSTALL ALL DISCONNECT DEVICES AND SAFETY SWITCHES AS SHOWN ON THE DRAWINGS AND /OR AS REQUIRED TO CONFORM WITH CODE REQUIREMENTS.
- FURNISH AND INSTALL ALL INDICATED LIGHTING FIXTURES COMPLETE WITH MOUNTING HARDWARE AS REQUIRED FOR A COMPLETE INSTALLATION. NOTE ALL LIGHT FIXTURES SHALL BE SUPPORTED FROM BUILDING STRUCTURE. UTILIZING CEILING FRAMING ALONE IS NOT ACCEPTABLE. NEW LIGHTING FIXTURES OTHER THAN THEATRICAL EQUIPMENT SHALL NOT BE DASH CHANGED. RE-USE OF AN EXISTING LIGHTING CIRCUIT INCLUDES HOME RUN WIRING OR WIRING UP TO THE SWITCH. ANY WIRING DOWNSTREAM OF THE SWITCH IS SUBJECT TO REMOVAL/REARRANGEMENT. ELECTRICAL CONTRACTOR SHALL ALLOW FOR THIS IN HIS BID PRICE.
- NEW CIRCUIT BREAKERS INSTALLED IN EXISTING PANELBOARDS(S) SHALL BE LISTED/LABELLED FOR USE WITH THE EXISTING PANELBOARDS(S) AND SHALL MEET OR EXCEED THE INTERRUPTING RATING OF THE PANEL.
- CONTRACTOR SHALL REFER TO ALL FURNITURE DRAWINGS BEFORE INSTALLING RECEPTACLES. THE MOUNTING HEIGHT OF THE RECEPTACLES IS 18" ABOVE FINISHED FLOOR UNLESS INDICATED ON THE DRAWING, COLOR, TYPE & FINISH OF ALL RECEPTACLES, DEVICES & FACE PLATES SHALL BE AS APPROVED BY ENGINEER AND ARCHITECT. CONTRACTOR SHALL PROVIDE A WIRE WEATHERPROOF GFCI RECEPTACLE ON ALL APPLICABLE ROOF TOP UNITS AS PART OF HIS BID. SEE MECHANICAL EQUIPMENT SCHEDULES FOR UNITS WITH SERVICE RECEPTACLES FACTORY INSTALLED.
- ALL WIRING TO BE 1#12(N) + 1#12(G) - 3/4" OR STEEL JACKETED MC CABLE (WHERE CODE PERMITTED), ALUMINUM JACKETED MC CABLE IS NOT ACCEPTABLE.
- UNLESS OTHERWISE SPECIFIED ON DRAWINGS, RUN BRANCH CIRCUITS IN DROPPED CEILINGS, VOIDS, CHASES, FLOOR BELOW AND BEHIND WALLS. ALL DEVICES & CONDUITS ON NEW CONSTRUCTION MUST BE RECESSED. CONDUITS MAY BE SURFACE MOUNTED IN MECHANICAL SPACES UNLESS OTHERWISE NOTED. CONDUITS IN PUBLIC AREAS SHALL BE CONCEALED IN HUNG CEILINGS, EMBEDDED IN CONCRETE OR MASONRY WALLS, EXCEPT WIRE SURFACE MOUNTED RACEWAY IS SPECIFIED. ALL WIRING THAT CANNOT BE CONCEALED IN MUST BE RUN IN FINISHED SURFACE RACEWAY SUCH AS WIREMOLD, COLOR PER ARCHITECT.
- ALL CONNECTIONS AND /OR SPLICES SHALL BE MADE ONLY IN ACCESSIBLE JUNCTION BOXES.
- ALL COUPLINGS AND CONNECTORS FOR USE WITH EMT SHALL BE COMPRESSION TYPE. SET SCREW TYPE OR INDEXT TYPE FITTINGS WILL NOT BE ACCEPTED.
- ALL PENETRATIONS TO BUILDING EXTERIOR SHALL BE SEALED WATERTIGHT. ROOF PENETRATIONS SHALL BE MADE VIA APPROVED FITCH POCKETS OR PIPE PORTALS AND IN ACCORDANCE WITH EXISTING ROOF WARRANTIES.
- WIRING INSTALLED IN CEILINGS SHALL BE HUNG INDEPENDENT OF CEILING SYSTEM AND SECURELY TIED TO BUILDING STEEL.
- ALL LOW VOLTAGE (FIRE ALARM, PA INTERCOM, PHONE, DATA, ETC.) WIRING INSTALLED IN OPEN AREAS SHALL BE IN METAL RACEWAY IN MECHANICAL AREAS, GYMNASIUMS, ART ROOMS, STOREROOMS, ETC. AND IN SURFACE MOUNTED RACEWAY IN PUBLIC AREAS. LOW VOLTAGE WIRE INSTALLED IN DROPPED CEILINGS SHALL BE BUNDLED TOGETHER AND SUPPORTED BY BUILDING STEEL. LOW VOLTAGE WIRE SHALL NOT BE SUPPORTED WITH BRANCH CIRCUITS OR FEEDER CIRCUITS AND SHALL NOT BE SUPPORTED BY CONDUIT, PIPES, ETC.. LOW VOLTAGE WIRING NOT INSTALLED IN CONDUITS, SHALL BE PLENUM RATED.
- FURNISH AND INSTALL ALL HARDWARE TO PROPERLY SUPPORT ALL CONDUITS NOT INSTALLED IN CONCRETE SLABS OR UNDERGROUND.
- ALL CONDUITS OR MC CABLE SHALL BE EQUIPPED WITH AN INSULATING/CHAFE GUARD (GROMMET) AT WIRE EXTENTERS/ MC CABLE SHALL USE MC STYLE BUSHINGS. BX OR OTHER BUSHINGS ARE SPECIFICALLY DISALLOWED.
- WHERE AN EXISTING CONDUIT OR CABLE IS REQUIRED TO BE REMOVED BUT SERVES AND EXISTING PIECE OF EQUIPMENT WHICH IS TO REMAIN OPERABLE, THE ELECTRICAL CONTRACTOR SHALL REMOVE SUCH CONDUIT OR CABLE OR PROVIDE A NEW SOURCE OF POWER (APPROVED BY ENGINEERING) TO THIS EQUIPMENT AS A PART OF THIS CONTRACT.
- ALL PANELS, SWITCHES, DISCONNECT STARTERS, OR OTHER ELECTRICAL SYSTEM CONTROLS SHALL BE STENCILED WITH THEIR APPROPRIATE DESIGNATION. ALL CIRCUIT BREAKERS SHALL BE IDENTIFIED BY A PANEL SCHEDULE OR STENCIL ADJACENT TO THE CIRCUIT BREAKER. PROVIDE PRINT PANEL SCHEDULE. HAND WIRING NOT ALLOWED.
- ALL CIRCUIT BREAKERS POSITIONS IN ALL PANELS ARE SHOWN FOR GROUPING PURPOSES ONLY. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR LOAD BALANCING.
- ALL DEVICES SHALL BE FASTENED IN PLACE SECURELY.
- WORK WHICH MUST BE DONE IN OCCUPIED AREAS SHALL BE DONE AT SUCH TIMES AS INDICATED IN THE PHASING OF CONSTRUCTION AND AS APPROVED BY THE OWNER. OUTAGES SHALL BE ONLY PERMITTED OUTSIDE OF NORMAL BUSINESS HOURS. COORDINATE WITH OWNER, INCLUDE ALL PREMIUM TIME IN BID.
- WHERE THE CONTRACTOR IS INSTRUCTED TO PROVIDE, INSTALL, AND WIRE CIRCUIT BREAKER(S) TO AN EXISTING PANEL AND THAT PANEL DOES NOT HAVE THE ROOM TO INSTALL REQUIRED CIRCUIT BREAKERS, THE CONTRACTOR SHALL REMOVE (3) ADJACENT 1P CIRCUIT BREAKERS AND PROVIDE A 3P, 60A CIRCUIT BREAKER IN THEIR PLACE FOR SUB FEED TO A SURFACE MOUNTED 100A, 3P, 4W, 24 POLE SUB PANEL AND ESTABLISH OVERFLOW CIRCUITS IN NEW SUB PANEL, EACH WITH REQUIRED CIRCUIT BREAKERS. PROVIDE 1P, AMPERAGE AS BEFORE CIRCUIT BREAKERS FOR DISCONNECTED CIRCUITS IN MAIN PANEL AND RECONNECT THEM IN SUB PANEL. SUB PANEL FEED TO BE 3 #6 + 1 #8(N) + 1 #10(G) - 1".
- ALL DEVICES ADDRESSED BY ADA REGULATIONS SHALL BE INSTALLED AT ADA COMPLIANT HEIGHTS AND LOCATIONS.
- REMOVAL OF ELECTRICAL ITEMS INCLUDES THEIR DISPOSAL. THE EXCEPTION WILL BE TO TURN OVER TO THE OWNER ITEMS, IF ANY, THEY SPECIFY TO BE RETAINED IN THEIR INVENTORY. PCB OR ASBESTOS BEARING MATERIAL SHALL BE DISPOSED OF IN ACCORDANCE WITH LAWS AND REGULATIONS.
- UNLESS OTHERWISE NOTED, STARTERS AND DISCONNECTS FOR MECHANICAL EQUIPMENT SHALL BE FURNISHED BY THE MECHANICAL CONTRACTOR. COORDINATE WITH THE MECHANICAL CONTRACTOR FOR ALL POWERED MECHANICAL EQUIPMENT. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO INSTALL ALL MOTOR STARTERS AND ASSOCIATED POWER WIRING FROM SOURCE TO UNIT VIA STARTERS AND DISCONNECTS. THE LOCATIONS OF MOTOR STARTERS SHALL BE DETERMINED BY THE MECHANICAL CONTRACTOR IN THE FIELD AND SUBMITTED TO THE ENGINEER FOR APPROVAL. UNLESS IT IS SPECIFIED ON THE DRAWINGS, THE ELECTRICAL CONTRACTOR SHALL REFER TO THE MECHANICAL DRAWINGS, EQUIPMENT SCHEDULES AND NOTES AND INCLUDE IN HIS BID PRICE ALL ELECTRICAL WORK ASSOCIATED WITH THEIR INSTALLATION, AND THE REMOVAL OF ANY STARTERS / DISCONNECTS NO LONGER REQUIRED.
- PROVIDE PROTECTIVE DUST COVERS ON SMOKE DETECTORS IN CONSTRUCTION AREAS. REMOVE COVERS UPON COMPLETION OF WORK.
- ANY LIGHT FIXTURES INSTALLED IN GYMNASIUMS OR OTHER AREAS SUBJECT TO IMPACT OR PHYSICAL DAMAGE SHALL BE MOUNTED WITH SAFETY CHAINS AND SECURED TO STRUCTURE.
- PROVIDE ALL WIRING, PANEL BOARDS, SWITCHES, FUSES, EQUIPMENT, AND ALL INCIDENTAL MATERIALS REQUIRED TO SUPPLY TEMPORARY AND PERMANENT ELECTRICAL NEEDS FOR THE WORK INVOLVED. ALL IN ACCORDANCE WITH OSHA, LOCAL, STATE AND UNDERWRITERS REQUIREMENTS.

DEMOLITION NOTES

- THE ITEMS SPECIFICALLY SHOWN ON THE DEMOLITION DRAWINGS ARE TO BE ADDRESSED BY THE ELECTRICAL CONTRACTOR. THE ITEMS ARE TO BE TREATED AS NOTED AND RANGE FROM DIRECT REMOVAL AND DISPOSAL TO REMOVAL, STORAGE AND REINSTALLATION.
- MANY OTHER ELECTRICAL ITEMS EXIST THAT ARE NOT SHOWN INCLUDING, BUT ARE NOT LIMITED TO, SWITCHES, RECEPTACLES, FLOOR OUTLETS, LOW VOLTAGE JACKS, LOW VOLTAGE DEVICES AND WIRING, TELEPHONE PLINTS, DOWN BLOCKS, AND OUT OF GROUND ITEMS THAT WILL BE PERMANENTLY DE-ENERGIZED, DISCONNECTED, AND OTHERWISE MADE SAFE FOR DEMOLITION BY NON-ELECTRICAL CONTRACTORS. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ASSURING THAT ALL ELECTRICAL DEVICES SCHEDULED FOR DEMOLITION, OF ANY VOLTAGE OR FUNCTION, ARE SAFE AND ADVISE THE OTHER CONTRACTORS.
- AFTER THE ELECTRICAL CONTRACTOR HAS DISCONNECTED ELECTRICAL SUPPLIES TO ITEMS TO BE DEMOLISHED, HE SHALL ADVISE THE GENERAL CONTRACTOR OF ANY ELECTRICAL ITEMS TO BE RETAINED FOR FUTURE USE AND THEREFOR NOT TO BE DEMOLISHED. THE GENERAL CONTRACTOR SHALL THEN PERFORM ALL WORK ZONE DEMOLITION. THIS MATTER APPLIES TO ALL ELECTRICAL ITEMS, OF ANY VOLTAGE OR PURPOSE.
- THE SPECIAL/SPECIFIC ITEMS SHOWN ON THE DRAWING FOR ELECTRICAL CONTRACTOR TO ACT ON WERE FOUND BY SURVEY. NUMEROUS LOCATIONS WERE BLOODED BY FURNITURE, ETC. AND ADDITIONAL EQUAL TYPE ITEMS MAY BE PRESENT. THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR THIS IN HIS BID PRICE AND ATTEMPT TO THOSE EQUAL OR SIMILAR DEVICES AS MAY BE DISCOVERED.
- REMOVAL ITEMS THAT ARE LISTED AS TO BE TURNED OVER TO OWNER'S INVENTORY SHALL BE DISCUSSED WITH THE OWNER'S BUILDINGS AND GROUNDS MANAGER. THOSE ITEMS THAT THE OWNER DECLINES SHALL THEN BE DISPOSED OF BY THE CONTRACTOR IN THE MANNER OF OTHER PERMANENT REMOVALS. ANY PCB BEARING FLUORESCENT FIXTURES SHALL BE DISPOSED OF PER REGULATIONS.
- RETAIN EXISTING RECEPTACLES IN WALLS THAT WILL NOT BE IN CONTACT WITH NEW CONSTRUCTION. RETAIN LIGHT SWITCH LOCATIONS THAT WILL NOT BE IN CONFLICT WITH NEW CONSTRUCTION. INSTALL BLANKING PLATE COVERS OVER THE UNUSED PORTION OF GANG BOXES HAVING MORE GANG POSITIONS THAN NEEDED FOR NEW SWITCHES.
- LIGHT FIXTURES ARE TO BE REMOVED AS GENERAL, NON-ELECTRIC, CONTRACTOR DEMOLITION. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO SAFE OFF LIGHTING CIRCUITS FOR REMOVAL BY OTHERS. NO SPECIFIC QUANTITIES OR LOCATIONS ARE SHOWN. RETURN WHATEVER QUANTITY, IF ANY, OF THESE TO OWNER'S INVENTORY IF HE SO SPECIFIES OR THEY ARE OTHERWISE TO BE DISPOSED OF. ELECTRICAL CONTRACTOR SHALL EXAMINE FIXTURES FOR PRESENCE OF PCB'S AND SPECIAL DISPOSAL.
- THE ELECTRICAL CONTRACTOR SHALL COVER ALL BACK BOXES IN THE WALL THAT BECOME EXPOSED DUE TO DEVICE REMOVALS. THIS INSTRUCTION ALSO APPLIES TO EXPOSED ELECTRICAL BACK BOXES AS MAY EXIST AT THE SITE PRIOR TO THIS PROJECT. THE COVER SHALL BE BRUSHED ALUMINUM WITH CHAMFERED EDGES AND COVER THE HOLE COMPLETELY WITH AT LEAST 3/4" EXTRA MARGIN ON ALL SIDES. MOUNT THE COVER WITH SCREWS TO MATCH THE ORIGINAL PATTERN.
- IT IS EXPECTED THAT STRUCTURAL DEMOLITION BY THE GENERAL CONTRACTOR WILL CAUSE VARIOUS ELECTRICAL SUPPLIES, OF VARIOUS VOLTAGES AND PURPOSES, TO BE CUT AND RENDER SOME DEVICES TEMPORARILY INACTIVE. IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO RECONSTRUCT AND RECONNECT SUCH ELECTRICAL SOURCES WHEN THE NEW STRUCTURE IS BUILT. NOTE THAT MOST REINSTALLED ITEMS WILL BE IN DIFFERENT LOCATIONS FROM THE REMOVAL LOCATION. THE ELECTRICAL CONTRACTOR SHALL MAKE ALL REQUIRED CIRCUIT EXTENSIONS OR MODIFICATIONS TO PROVIDE SERVICE TO A REINSTALLED ITEM AS RELOCATED. PROVIDE ALL REQUIRED CIRCUIT EXTENSIONS AS REQUIRED TO RESTORE SERVICE TO DEVICES. NOTE THAT THIS REQUIREMENT ALSO APPLIES TO THE ROOMS AND ELECTRICAL ITEMS WITHIN THAT ARE ANOMALY NOT IN CONTRACT. SUCH RESTORATION OF SERVICE, IF NEEDED, IS SPECIFICALLY IN THE ELECTRICAL CONTRACTOR'S CONTRACT.
- IT SHALL BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL ELECTRICAL DEVICES FROM DAMAGES DURING CONSTRUCTION, WHICH ARE EITHER INDICATED TO REMAIN, AND/OR TO BE REMOVED AND REINSTALLED THROUGHOUT ALL CONSTRUCTION AREAS. DEVICES SHALL INCLUDE BUT WILL NOT BE LIMITED TO: SMOKE DETECTORS, EMERGENCY LIGHTS, EXIT SIGNS, OCCUPANCY SENSORS, SPEAKERS, LIGHT FIXTURES, SWITCHES, RECEPTACLE, ETC. IN THE EVENT OF DAMAGES INCURRED DUE TO CONSTRUCTION ACTIVITIES, THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE ANY DAMAGED DEVICES AT NO ADDITIONAL COST TO THE OWNER.
- ALL SYSTEMS ASSOCIATED WITH THE DEVICES SCHEDULED TO BE REMOVED, STORED AND PROTECTED SHALL BE TESTED BY THE MANUFACTURER'S CERTIFIED TESTING VENDOR PRIOR TO ANY DEMOLITION ACTIVITY. ANY DEVICE WHICH FAILS THE TEST SHALL BE REPLACED WITH A FORM, FIT AND FUNCTION COMPONENT PER UNIT PRICES, AND SUCH DEVICES ARE NOT INCLUDED IN THIS RESPONSIBILITY STATEMENT. BUT ALSO SUCH INSTALLATION SHALL BE IN THE ELECTRICAL CONTRACTOR'S BASE BID. THE ELECTRICAL CONTRACTOR SHALL RE-TEST ALL SUCH SYSTEM COMPONENTS BY A MANUFACTURER CERTIFIED TESTING VENDOR OF SUCH SYSTEM OR ALL PREVIOUSLY TESTED SYSTEM COMPONENTS AFTER ALL WORK BY ALL TRADES HAS BEEN COMPLETED. TESTING OF SUCH SYSTEMS HAVE BEEN INSTALLED ANY COMPONENT WHICH FAILS SHALL BE REPLACED, AND PROGRAMMED IF NECESSARY BY THE ELECTRICAL CONTRACTOR. ALL SUCH REPLACEMENT AND PROGRAMMING COSTS SHALL BE ELECTRICAL CONTRACTOR'S RESPONSIBILITY. ALL COSTS ASSOCIATED WITH THE TESTING OF AFFECTED SYSTEM SUCH AS BUT NOT LIMITED TO FIRE ALARM, PUBLIC ADDRESS, INTERCOM, TELEPHONE, AND SECURITY SYSTEMS SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. ALL EQUIPMENT, DEVICES, WIRES AND THEIR ASSOCIATED MATERIAL SPECIFIED TO REMAIN, WHICH IS NOT STORED AND PROTECTED, SHALL BE PROTECTED DURING THE DEMOLITION ACTIVITIES, AND ALL TRADES SHALL BE INFORMED OF SUCH COMPONENTS. ANY OF SUCH COMPONENTS WHICH BECOME DAMAGED DURING DEMOLITION SHALL BE REPLACED FORM, FIT AND FUNCTION BY THE ELECTRICAL CONTRACTOR AT HIS EXPENSE.
- EC IS RESPONSIBLE TO RESTORE AND COMPLETE SURFACES CAUSED BY THE REMOVAL OF DEVICES, CONDUITS, ETC. ALL FINISHES TO MATCH ADJACENT AREAS.

FIRE STOP NOTES

- ALL CONDUIT AND CABLE PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS OR OTHER STRUCTURES SHALL BE FIRE STOPPED.
- THE FIRE STOP MATERIALS SHALL BE HILTI TYPE FS-67 FIRE BLOCK, FS-ONE SEALANT, CP-672 JOINT SPRAY, CP-605 ELASTOMERIC SEALANT, 6P-606 FLEXIBLE SEALANT, CP-643 OR CP-642 COLLAR, CP-618 PUTTY STICK, OR FS-635 TROWELABLE COMPOUND, AS SUITABLE.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF PRODUCTS SPECIFIED OR EQUAL.
- FIRE STOP MATERIALS OTHER THAN HILTI SHALL INCLUDE FULL TECHNICAL DATA WITH SHOP DRAWINGS TO DEMONSTRATE EQUALITY WITH THE SPECIFIED FIRE STOPS AND STATEMENT FROM MANUFACTURER THAT THEY MEET OR EXCEED THE PRODUCTS SPECIFIED HERE.
- ALL SYSTEMS SHALL HAVE THEIR OWN SLEEVE THROUGH FIRE RATED WALLS, IE FIRE ALARM, PUBLIC ADDRESS, TELEPHONE, DATA, POWER AND LIGHTING.

TEMPORARY POWER CONSTRUCTION NOTES

- THE DIVISION IS CONTRACTOR SHALL PROVIDE TEMPORARY POWER AND LIGHT IN THE CONSTRUCTION AREAS OF THE PROJECT.
- ALL TEMPORARY POWER PANELS AND FUSED SWITCHES OUTSIDE SHALL BE NEMA 3R CONSTRUCTION AND LOCKABLE. ALL OUTLETS SHALL BE WATERPROOF AND HAVE A COVER THAT ENCLOSES THE PLUGGED IN CORDS WHILE IN SERVICE AS INTERNATIC WP120C. NON-WATERPROOF GEAR IN A HOUSING IS NOT ACCEPTABLE.
- ALL RECEPTACLES SHALL BE GFCI PROTECTED AND MOUNTED 3'-0" ABOVE FINISHED FLOOR. PROVIDE WORK BLOCKING AS REQUIRED. ALL RECEPTACLES OUTLETS SHALL BE 2 GANG DOUBLE DUPLEX.
- TEMPORARY LIGHTING SHALL BE CONSTRUCTED OF SINGLE AND DOUBLE 100 WATT CLEAR INCANDESCENT LAMPS, OR EQUIVALENT, AND WATERPROOF RUBBER SOCKETS, SPLICED WITH WATERPROOF CONNECTORS ON FESTOONED ROMEX-TYPE WIRE. ADEQUACY OF ALL TEMPORARY LIGHTING CONFIGURATIONS SHALL BE AS DETERMINED BY THE CONSTRUCTION MANAGER. PRE ASSEMBLED TEMPORARY LIGHTING IS DISALLOWED. TAPS AND SPLICES SHALL BE MADE WITH SCOTCH LOCK CONNECTORS, RUBBER TAPE, AND THEM PVC COATED. THE CONNECTORS SHALL BE FILLED WITH PENETROX. A PLASTIC SHAPE OR CASE-GUARD SHALL PROTECT EACH SOCKET AND LAMP. NOMINAL SPACING BETWEEN LAMP CLUSTER IS 16 FEET. MOUNT LIGHTS EIGHT FEET ABOVE FINISHED FLOOR IN TYPICAL LOCATIONS AND 10 FEET ABOVE FINISHED FLOOR IN CORRIDOR. PROVIDE NIGHT LIGHTING CIRCUIT, WHICH SHALL OPERATE CONTINUOUSLY. ALL LAMPS SHALL BE 100 WATT, ROUGH SERVICE RATED. TEMPORARY LIGHTS SHALL BE TO OSHA STANDARDS. ALTERNATE FIXTURES SHALL BE 400W CONSTRUCTION SITE STYLE.
- WIRING SHALL BE #12+1#12(N)+1#12(G) ROMEX STYLE. CIRCUITS SHALL BE OPERATED A MAXIMUM OF 15 AMPS OR 1800 WATTS (18 100 WATT LAMPS), SWITCHING SHALL BE DONE VIA THE SWITCH RATED 20A, 10 CIRCUIT BREAKERS. SEGREGATE THE NIGHT LIGHTS AND RECEPTACLES IN THE LOWER PART OF THE POWER PANELS AND LABEL THESE "DO NOT TURN OFF". CIRCUIT HOME RUNS CONDUCTORS SHALL INCREASE ONE WIRE SIZE EVERY 100 FEET I.E. #10 CONDUCTORS. WIRING WITHIN THE ROOM AREA SHALL BE MADE WITH #12 CONDUCTORS.
- THE DIVISION 16 CONTRACTOR SHALL PREPARE EACH PANEL SCHEDULE.
- A LENGTH OF GREENFIELD FLEX CONDUIT AT PINCH POINTS SHALL PROTECT ALL WIRE. SUCH AS WHERE WIRING PASSED THROUGH A DOORWAY. WIRING SHALL BE SUPPORTED FROM ANCHORS INSTALLED BY THE DIVISION 16 CONTRACTOR FOR THE PURPOSE OF ATTACHMENT TO PROJECT. ALL ELECTRICAL HARDWARE SHALL BE NEW FOR THIS PROJECT.
- ALL WIRING SHALL BE INSTALLED SO AS NOT TO CAUSE TRIPPING HAZARD OR SIMILAR OBSTRUCTION.
- POWER PANELS SHALL BE EQUIPPED WITH 42 1P, 20A CIRCUIT BREAKERS AND ALL CIRCUIT BREAKERS NOT IN SERVICE SHALL BE LABELED SPARE. AT THE OWNERS OPTION PANEL AND CIRCUIT BREAKERS SHALL BE TURNED OVER TO OWNERS INVENTORY AT CONCLUSION OF THE PROJECT. ALL ELECTRICAL HARDWARE SHALL BE NEW FOR THIS PROJECT.
- THE DIVISION 16 CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE OF TEMPORARY LIGHTING AND POWER SYSTEMS DURING AND AFTER INSTALLATION, UP TO THE TIME OF BENEFICIAL OCCUPANCY AND TIME OF REMOVAL. REPAIRS SHALL BE MADE WITHIN 24 HOURS OF THE REPORTED OUTAGE, OR AS DIRECTED BY THE CONSTRUCTION MANAGER. DIVISION 16 CONTRACTOR SHALL COMMENCE WORK ON THIS PROJECT WITH A GROSS OF SPARE CONSTRUCTION BULBS AT HIS IMMEDIATE DISPOSAL.
- REMOVAL OF THE TEMPORARY POWER AND LIGHTING SHALL BE THE RESPONSIBILITY OF THE DIVISION 16 CONTRACTOR WHEN THE PROJECT IS COMPLETE. ALL EQUIPMENT, WIRING, SUPPORTS, CONNECTORS, ETC. SHALL BE REMOVED FROM OWNERS PROPERTY AFTER PROJECT IS COMPLETE. INCLUDE STATEMENT OF REMOVAL WITHIN CLOSE OUT DOCUMENTS, REQUIRED FOR FINAL PAYMENT.
- PROVIDE THE TEMPORARY ELECTRICAL SERVICE TO THE CONSTRUCTION TRAILERS SHALL BE AS PER SUPPLY REQUIREMENTS OF THE TRADES. TEMPORARY SERVICES ARE REQUIRED PER SPECIAL CONDITIONS OF THE PROJECT. THE OWNER IS TO PAY FOR POWER CONSUMPTION UNLESS OTHERWISE NOTED.

ABBREVIATIONS

A = AMPS	G, GND = GROUND	PVC = POLYVINYL CHLORIDE
AC = ALTERNATING CURRENT	HD = HOLE DRYER	REC = RECEPTACLE
ACT = ABOVE COUNTER TOP	IG = ISOLATED GROUND	REQD = REQUIRED
AFF = ABOVE FINISHED FLOOR	IN = INCH	RL = RELOCATED
AFG = ABOVE FINISHED GRADE	KW = KILLOWATT	RM = REMOVE AND RELOCATE
BC = BELOW CEILING	LFMC = LEAD FLOOR FLEXIBLE METAL CONDUIT	SCM = SCHEDULE
C = CONDUIT	MAX = MAXIMUM	SM = SURFACE MOUNTED
CB = CIRCUIT BREAKER	MC = MECHANICAL CONTRACTOR	SP = SURGE PROTECTION DEVICE
CC = CASEWORK CONTRACTOR	MCB = MAIN CIRCUIT BREAKER	SQ = SQUARE
CKT = CIRCUIT	MOB = MAIN DISTRIBUTION BOARD	SWBD = SWITCHBOARD
CM = CEILING MOUNTED	MOP = MAIN DISTRIBUTION PANEL	SWG = STEEL WIRE GUARD
DC = DIRECT CURRENT	MH = MANHOLE	TSP = TWISTED SHIELDED PAIR
DH = DOOR HOLDER	MIN = MINIMUM	TVSS = TRANSIENT VOLTAGE SURGE SUPPRESSION
DISC = DISCONNECT	MLO = MAIN LUGS ONLY	TYP. = TYPICAL
EC = ELECTRICAL CONTRACTOR	MTD = MOUNTED	UG = UNDERGROUND
EM = EMERGENCY	MTH = MOUNTING HEIGHT	UNP = UNSHIELDED TWISTED PAIR
EMT = ELECTRICAL METALLIC TUBING	N = NEUTRAL	UWS = UNTWISTED
ETR = EXISTING TO REMAIN	NEC = NATIONAL ELECTRICAL CODE	V = VOLTAGE
(E), EX, EXIST = EXISTING	NEMA = NATIONAL ELECTRICAL MANUFACTURERS ASSOC.	VFD = VARIABLE FREQUENCY DRIVE
FA = FIRE ALARM	NIC = NOT IN CONTRACT	VF = VERIFY IN FIELD
FM = FLUSH MOUNT	NL = NIGHT LIGHT	W = WATTAGE
FMC = FLEXIBLE METAL CONDUIT	NTS = NOT TO SCALE	WG = WIRE GUARD
FT = FEET	PA = PUBLIC ADDRESS	WM = WALL MOUNTED
GC = GENERAL CONTRACTOR	PC = PLUMBING CONTRACTOR	WP = WEATHER PROOF
GFCI, GFI = GROUND FAULT CIRCUIT INTERRUPTER	PV = PHOTOVOLTAIC	XFRM = TRANSFORMER

FA SYMBOL LEGEND (SYMBOLS WITH INTERSECTING LINES ARE SCHEDULED FOR DEMOLITION)

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
[FACP]	FIRE ALARM CONTROL PANEL	[HORN]	WALL MOUNT SPEAKER / STROBE NOTIFICATION DEVICE
[RAP]	REMOTE ANNUNCIATOR PANEL	[S]	WALL MOUNT SPEAKER NOTIFICATION DEVICE
[RCC]	REMOTE COMMAND CENTER	[S]	WALL MOUNT STROBE NOTIFICATION DEVICE
[F]	MANUAL PULL STATION WITH STI STOPPER PROTECTIVE SHIELD WITHOUT ALARM (OR SIMILAR)	[S]	CEILING MOUNT SPEAKER / STROBE NOTIFICATION DEVICE
[R]	FIRE ALARM RELAY	[S]	CEILING MOUNT SPEAKER NOTIFICATION DEVICE
[ANSUL]	HOOD FIRE SUPPRESSION SYSTEM	[S]	CEILING MOUNT STROBE NOTIFICATION DEVICE
[C]	CARBON MONOXIDE DETECTOR WITH SOUNDER BASE	[EH]	ELECTROMAGNETIC HOLD OPEN DEVICE VOLTAGE TO MATCH SYSTEM
[S]	DUCT DETECTOR WITH HOUSING AND REMOTE LED INDICATOR		
[S]	SMOKE DETECTOR WITH BASE CO = SMOKE AND CARBON MONOXIDE COMBINATION DETECTOR LED = REMOTE LED INDICATOR		
[H]	HEAT DETECTOR, FIXED TEMPERATURE OF RISE UNLESS OTHERWISE NOTED. (NONE) = 130°F 150°F		

- THE STROBE CANDELA IS 15 c UNLESS OTHERWISE INDICATED ON DRAWING.
- ALL NEW DEVICES SHALL BE COMPATIBLE WITH THE EXISTING SYSTEM
- WG = WIRE GUARD
- H = HORN IN LIEU OF SPEAKER

LIGHTING LEGEND

CODE	SYMBOL	DESCRIPTION
A	[Symbol]	2'X4' GRID LAY-IN LED TROFFER BY METALUX (ELS), 0-110V DIMMING DRIVER, 29.3 WATTS, 3655 LUMENS, 3500K, 60 CRU MODEL#E4P79129C
AE	[Symbol]	SAME AS 'A' BUT WITH 90 MINUTE EMERGENCY BATTERY OPTION WITH TEST INDICATOR.
BE	[Symbol]	2'X4' GRID LAY-IN LED TROFFER BY METALUX (ELS), 0-110V DIMMING DRIVER, 41.1 WATTS, 4591 LUMENS, 3500K, 60 CRU MODEL#E4P74733C
		LED EXIT SIGN W/ 90-MINUTE EMERGENCY BATTERY DIRECTIONAL ARROWS AS INDICATED ON PLANS (WHERE NEEDED) MODEL# EXTRONIX LX-R-EM-HH
		LED EMERGENCY LIGHT W/ 90-MINUTE EMERGENCY BATTERY (WHERE NEEDED) MODEL# EXTRONIX LX-R-EM-HH
		LED EMERGENCY EXIT LIGHT W/ 90-MINUTE EMERGENCY BATTERY, DIRECTIONAL ARROWS AS INDICATED ON PLANS DS = DOUBLE SIDED
		LIGHT FIXTURE WIRING FORMAT PANEL NAME CKT DR EX ST EXISTING CIRCUIT GROUPING FIXTURE TYPE SWITCH LETTER
		PPA-1-AE-b
		WALL SWITCH W/ STAINLESS STEEL FACEPLATE LOWER CASE ALPHA SUPERScript - NOTIFICALS CORRESPONDING TO LABELED FIXTURES IN ROOM SUBSCRIPTS: (NONE) = SINGLE POLE 20A, HEAVY DUTY SPEC GRADE SWITCH, K = KEY SWITCH, 3 = 20A THREE WAY SWITCH, 4 = 20A FOUR WAY SWITCH, OCC = WALLSWITCH W/ INTEGRATED PIR TECHNOLOGY OCCUPANCY SENSOR, VAC = WALLSWITCH W/ MOMENTARY BUTTON AND INTEGRATED PIR TECHNOLOGY VACANCY SENSOR, MB = MOMENTARY CONTACT SWITCH # INDICATES NUMBER OF BUTTONS

TYPICAL LIGHTING NOTES:
1. EC SHALL CONNECT EMERGENCY INVERTER/ EMERGENCY LIGHT BATTERY. EXIT SIGN LEADS DIRECTLY TO THE EXISTING AREA LIGHTING CIRCUIT UPSTREAM OF SWITCHES, CONTACTORS, CONTROLS ETC.

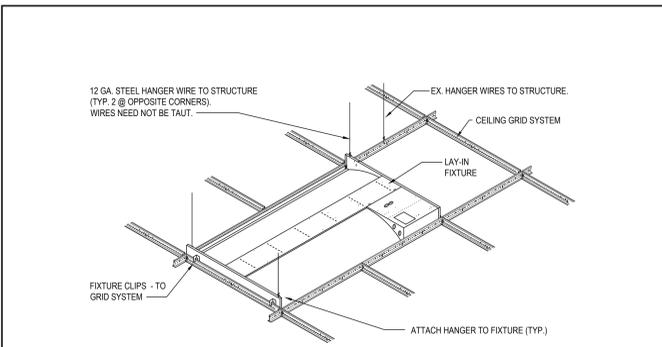
WIRING DEVICES LEGEND (SYMBOLS WITH INTERSECTING LINES ARE SCHEDULED FOR DEMO.)

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
[Symbol]	SINGLE POLE CIRCUIT #1/2, #1/3, 3/4" UNLESS OTHERWISE NOTED	[Symbol]	POWER CORD REEL, NEMA 5-20R
[Symbol]	TWO POLE CIRCUIT 3/4" #1/2, 3/4" UNLESS OTHERWISE NOTED	[Symbol]	CEILING MOUNTED PROJECTOR
[Symbol]	THREE POLE CIRCUIT #1/2, #1/3, 3/4" UNLESS OTHERWISE NOTED	[Symbol]	SECURITY CAMERA SENSOR
[WAP]	WIRELESS ACCESS POINT	[HP]	MOTOR, HORSEPOWER AS INDICATED.
[Symbol]	MULTIPLE SERVICE WALL BOX.	[Symbol]	JUNCTION BOX, SHOWN ON DRAWINGS FOR SCHEMATIC PURPOSES ONLY. MOUNT! INSTALL IN FIELD AS REQUIRED.
[Symbol]	UN-FUSED DISCONNECT SWITCH.	[Symbol]	PANEL BOARD / LOAD CENTER, MOUNTING PER SCHEDULE.
[Symbol]	FUSED DISCONNECT SWITCH.	[Symbol]	MOTOR SWITCH FURNISHED BY MC, ECT TO INSTALL, WIRE SIZE AND POLE PER PLAN.
[Symbol]	TAMPER RESISTANT SINGLE ELECTRICAL OUTLET FOR CONVENIENCE POWER WITH 302/304 STAINLESS STEEL FACEPLATE, NEMA 5-20R.		
[Symbol]	TAMPER-RESISTANT DUPLEX ELECTRICAL OUTLET FOR CONVENIENCE POWER WITH 302/304 STAINLESS STEEL FACEPLATE, NEMA 5-20R.		
[Symbol]	TAMPER-RESISTANT DOUBLE DUPLEX ELECTRICAL OUTLET FOR CONVENIENCE POWER WITH 302/304 STAINLESS STEEL FACEPLATE, NEMA 5-20R.		
[Symbol]	TAMPER-RESISTANT GROUND FAULT INTERRUPTED DUPLEX ELECTRICAL OUTLET FOR CONVENIENCE POWER WITH 302/304 STAINLESS STEEL FACEPLATE, NEMA 5-20R.		
[Symbol]	TAMPER-RESISTANT SPECIAL PURPOSE SINGLE ELECTRICAL OUTLET FOR CONVENIENCE POWER WITH 302/304 STAINLESS STEEL FACEPLATE, 120V, 30A, NEMA L5-30R.		
[Symbol]	TWIST-LOCK SINGLE ELECTRICAL OUTLET FOR CONVENIENCE POWER WITH 302/304 STAINLESS STEEL FACEPLATE, 120V, 30A, NEMA L5-30R.		
[Symbol]	TAMPER-RESISTANT VAC CHARGER DUPLEX ELECTRICAL OUTLET FOR CONVENIENCE POWER WITH 302/304 STAINLESS STEEL FACEPLATE, NEMA 5-20R.		
[Symbol]	DATA & POWER SURFACE RACEWAY - NUMBER OF TRIANGLES INDICATES NUMBER OF DATA DROPS - PROVIDE (2) DUPLEX RECEPTACLES PER DATA DROP.		

PA/SPEAKER & CLOCK SYMBOL LEGEND (SYMBOLS WITH INTERSECTING LINES ARE SCHEDULED FOR DEMO.)

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
[S]	WALL MOUNTED P.A. SPEAKER	[VC]	WALL MOUNTED PUBLIC ADDRESS SPEAKER WITH VOLUME CONTROL
[Symbol]	RECESSED CEILING MOUNTED PUBLIC ADDRESS SPEAKER	[1 (D)]	WALL MOUNTED PA HANDESET TO - DESKTOP MODEL X - ADMINISTRATIVE DESKTOP MODEL
[Symbol]	PUBLIC ADDRESS HORN SPEAKER 'W.P.' INDICATES OUTDOOR WEATHERPROOF HORN SPEAKER	[VAR]	PUBLIC ADDRESS VOICE ACTIVATED RELAY
[PA RACK]	PUBLIC ADDRESS SYSTEM HOLD END RACK	[MC]	MASTER CLOCK WITH WIRELESS TRANSMITTER
[Symbol]	WIRELESS ANALOG SERIES CLOCK, 12" DIAMETER UNLESS OTHERWISE NOTED.		

- ALL NEW DEVICES SHALL BE COMPATIBLE WITH THE EXISTING SYSTEM
- WG = WIRE GUARD



LAY-IN FIXTURE SUPPORT DETAIL

SCALE: N.T.S.

TYPICAL WIRING DIAGRAM OF WALL SWITCH VACANCY SENSOR

SCALE: NTS

- NOTES:
- IN LOCATIONS WHERE SIMILAR DEVICES ARE MOUNTED AT THE SAME HEIGHT, DEVICE SHALL BE PROPERLY 'GANGED' AND SHALL HAVE A SINGLE COVER PLATE.
 - IN LOCATIONS WHERE DIFFERENT DEVICES ARE MOUNTED AT DIFFERENT HEIGHTS WITHIN FOUR FEET OF ONE ANOTHER, DEVICES SHALL BE MOUNTED SUCH THAT THEY HAVE A COMMON CENTERLINE. IF THERE ARE THREE OR MORE DEVICES, THE CONTRACTOR SHALL REQUEST A DETAIL FROM THE ARCHITECT.
 - 80" TO BOTTOM, OR AT SHALLOW CEILING INSTALLATIONS, WITHIN 6" OF FINISHED CEILING, VERIFY WITH ENGINEER.
 - IN TOILET ROOMS WITH BACK SPLASH AT VANITY, MOUNT CENTER AT 4" ABOVE BACK SPLASH. IF NO BACK SPLASH, MOUNT 4" ABOVE CENTER. IF NO CENTER, MOUNT AT 42" AFF COORDINATE WITH ARCHITECTURAL PLANS. REFER TO ELEVATIONS AND FURNITURE PLANS.
 - RECEPTACLE IN PLAN WITH THE NOTATION 'ACT' INDICATES MOUNTING HEIGHT OF 4" ABOVE COUNTER, OR 4" ABOVE BACK SPLASH, COORDINATE WITH ARCHITECTURAL PLANS. REFER TO ELEVATIONS AND FURNITURE PLANS.
 - MOUNT AT 7'-8" ABOVE CLOSEST FLOOR LEVEL, (LANDINGS, STEPPED FLOORS, ETC.) UNLESS OTHERWISE NOTED.

DEVICE MOUNTING HEIGHT DETAIL

SCALE: N.T.S.

NOTE - SINGLE PRIME CONTRACT:

1. UNDER BASE BID - GC-2, ALL GENERAL CONSTRUCTION, MECHANICAL CONSTRUCTION, PLUMBING CONSTRUCTION, AND ELECTRICAL CONSTRUCTION WORK SCOPE SHOWN SHALL BE PROVIDED AND INSTALLED BY THE SINGLE PRIME CONTRACTOR. REFER TO SPECIFICATIONS (INSTRUCTIONS TO BIDDERS and BID PROPOSAL FORM) FOR ADDITIONAL INFORMATION REGARDING SINGLE PRIME CONTRACT.

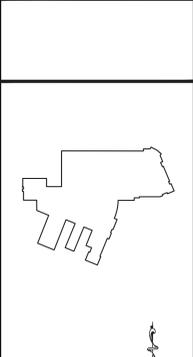
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KEY PLAN
 NOT TO SCALE

PROJECT
 BRIARCLIFF MANOR U.F.S.D.
 PHASE 2 BOND IMPROVEMENTS
 TODD ELEMENTARY SCHOOL
 45 INGHAM ROAD, BRIARCLIFF MANOR, NY 10510

DWG TITLE
 PROPOSED PANEL REPLACEMENT, CO DETECTION, AND MISCELLANEOUS PLANS

DRAWING BY: A.G.
 CHECK BY: F.S.

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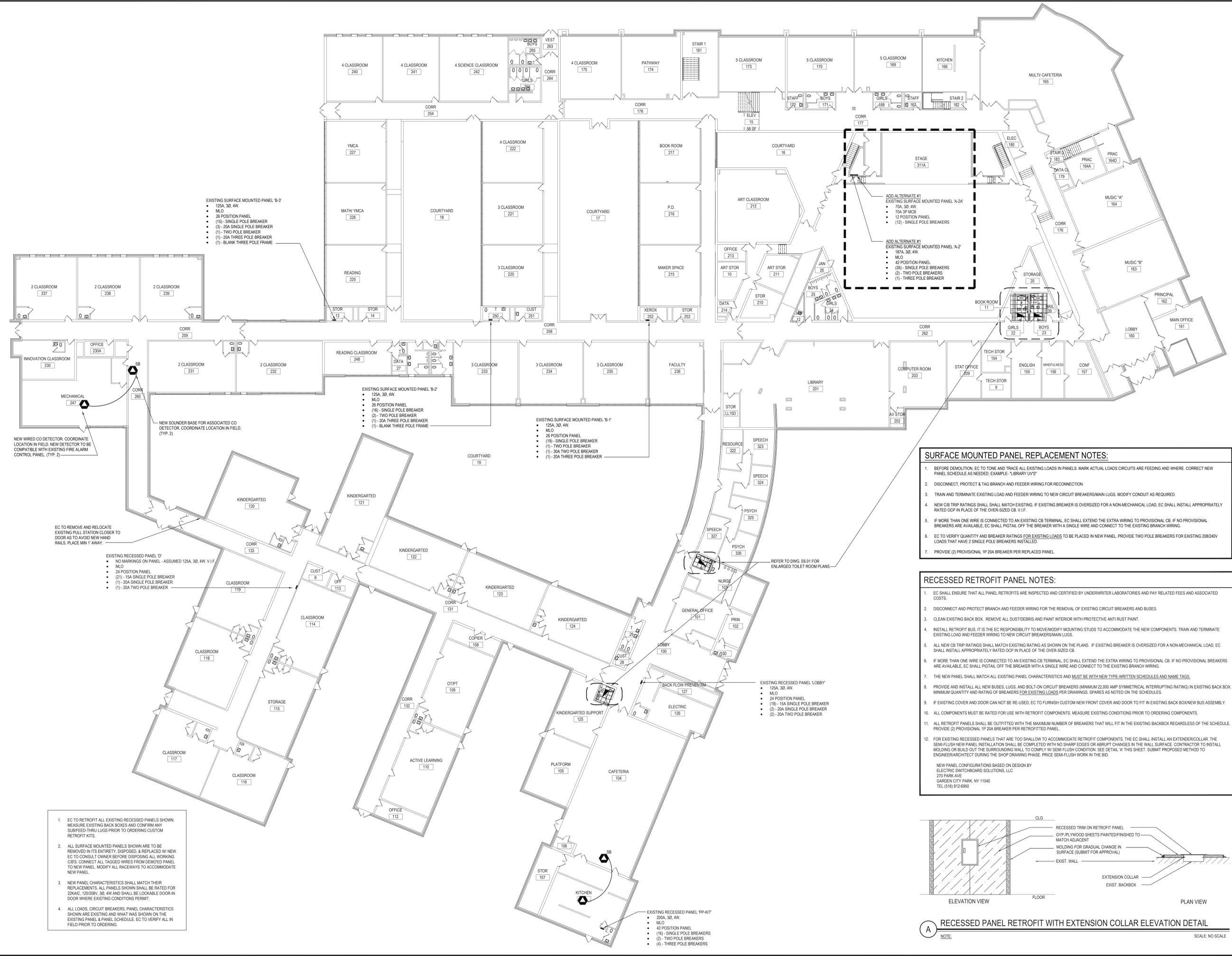
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SEED No: 66-14-02-02-0-002-021
 DISTRICT: BRIARCLIFF MANOR U.F.S.D.
 DISTRICT NAME:
 PROJECT: PHASE 2 BOND IMPROVEMENTS
 AT TODD ES
 DWG TITLE: ELECTRICAL
 PROPOSED PLANS

SCALE: AS NOTED
 DATE:
 BID PICK-UP: NOVEMBER 14, 2022
 FILE No: 21-247D

E4.01



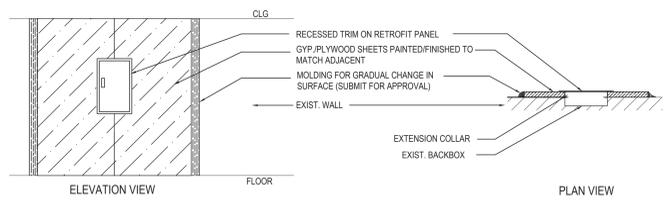
SURFACE MOUNTED PANEL REPLACEMENT NOTES:

- BEFORE DEMOLITION, EC TO TONE AND TRACE ALL EXISTING LOADS IN PANELS. MARK ACTUAL LOADS CIRCUITS ARE FEEDING AND WHERE. CORRECT NEW PANEL SCHEDULE AS NEEDED. EXAMPLE - "LIBRARY UV'S"
- DISCONNECT, PROTECT & TAG BRANCH AND FEEDER WIRING FOR RECONNECTION.
- TRAIN AND TERMINATE EXISTING LOAD AND FEEDER WIRING TO NEW CIRCUIT BREAKERS/MAN LUGS. MODIFY CONDUIT AS REQUIRED.
- NEW CB TRIP RATINGS SHALL MATCH EXISTING. IF EXISTING BREAKER IS OVERSIZED FOR A NON-MECHANICAL LOAD, EC SHALL INSTALL APPROPRIATELY RATED OCP IN PLACE OF THE OVER-SIZED CB. V.I.F.
- IF MORE THAN ONE WIRE IS CONNECTED TO AN EXISTING CB TERMINAL, EC SHALL EXTEND THE EXTRA WIRING TO PROVISIONAL CB. IF NO PROVISIONAL BREAKERS ARE AVAILABLE, EC SHALL PITGAL OFF THE BREAKER WITH A SINGLE WIRE AND CONNECT TO THE EXISTING BRANCH WIRING.
- EC TO VERIFY QUANTITY AND BREAKER RATINGS FOR EXISTING LOADS TO BE PLACED IN NEW PANEL. PROVIDE TWO POLE BREAKERS FOR EXISTING 208/240V LOADS THAT HAVE 2 SINGLE POLE BREAKERS INSTALLED.
- PROVIDE (2) PROVISIONAL 1P 20A BREAKER PER REPLACED PANEL.

RECESSED RETROFIT PANEL NOTES:

- EC SHALL ENSURE THAT ALL PANEL RETROFITS ARE INSPECTED AND CERTIFIED BY UNDERWRITER LABORATORIES AND PAY RELATED FEES AND ASSOCIATED COSTS.
- DISCONNECT AND PROTECT BRANCH AND FEEDER WIRING FOR THE REMOVAL OF EXISTING CIRCUIT BREAKERS AND BUSES.
- CLEAN EXISTING BACK BOX. REMOVE ALL DUST/DEBRIS AND PAINT INTERIOR WITH PROTECTIVE ANTI RUST PAINT.
- INSTALL RETROFIT BUS. IT IS THE EC RESPONSIBILITY TO MOVE/MODIFY MOUNTING STUDS TO ACCOMMODATE THE NEW COMPONENTS. TRAIN AND TERMINATE EXISTING LOAD AND FEEDER WIRING TO NEW CIRCUIT BREAKERS/MAN LUGS.
- ALL NEW CB TRIP RATINGS SHALL MATCH EXISTING AS SHOWN ON THE PLANS. IF EXISTING BREAKER IS OVERSIZED FOR A NON-MECHANICAL LOAD, EC SHALL INSTALL APPROPRIATELY RATED OCP IN PLACE OF THE OVER-SIZED CB.
- IF MORE THAN ONE WIRE IS CONNECTED TO AN EXISTING CB TERMINAL, EC SHALL EXTEND THE EXTRA WIRING TO PROVISIONAL CB. IF NO PROVISIONAL BREAKERS ARE AVAILABLE, EC SHALL PITGAL OFF THE BREAKER WITH A SINGLE WIRE AND CONNECT TO THE EXISTING BRANCH WIRING.
- THE NEW PANEL SHALL MATCH ALL EXISTING PANEL CHARACTERISTICS AND MUST BE WITH NEW TYPE-WRITTEN SCHEDULES AND NAME TAGS.
- PROVIDE AND INSTALL ALL NEW BUSES, LUGS, AND BOLT-ON CIRCUIT BREAKERS (MINIMUM 22,000 AMP SYMMETRICAL INTERRUPTING RATING) IN EXISTING BACK BOX. MINIMUM QUANTITY AND RATING OF BREAKERS FOR EXISTING LOADS PER DRAWINGS. SPARES AS NOTED ON THE SCHEDULES.
- IF EXISTING COVER AND DOOR CAN NOT BE RE-USED, EC TO FURNISH CUSTOM NEW FRONT COVER AND DOOR TO FIT IN EXISTING BACK BOX/NEW BUS ASSEMBLY.
- ALL COMPONENTS MUST BE RATED FOR USE WITH RETROFIT COMPONENTS. MEASURE EXISTING CONDITIONS PRIOR TO ORDERING COMPONENTS.
- ALL RETROFIT PANELS SHALL BE OUTFITTED WITH THE MAXIMUM NUMBER OF BREAKERS THAT WILL FIT IN THE EXISTING BACKBOX REGARDLESS OF THE SCHEDULE. PROVIDE (2) PROVISIONAL 1P 20A BREAKER PER RETROFITTED PANEL.
- FOR EXISTING RECESSED PANELS THAT ARE TOO SHALLOW TO ACCOMMODATE RETROFIT COMPONENTS, THE EC SHALL INSTALL AN EXTENDER/COLLAR. THE SEMI-FLUSH NEW PANEL INSTALLATION SHALL BE COMPLETED WITH NO SHARP EDGES OR ABRUPT CHANGES IN THE WALL SURFACE. CONTRACTOR TO INSTALL HOLDING OR BUILD-OUT THE SURROUNDING WALL TO COMPLY W/ SEMI-FLUSH CONDITION. SEE DETAIL "A" THIS SHEET. SUBMIT PROPOSED METHOD TO ENGINEER/ARCHITECT DURING THE SHOP DRAWING PHASE. PRICE SEMI-FLUSH WORK IN THE BID.

NEW PANEL CONFIGURATIONS BASED ON DESIGN BY
 ELECTRIC SWITCHBOARD SOLUTIONS, LLC
 270 PARK AVE
 GARDEN CITY PARK, NY 11040
 TEL (516) 812-6900



RECESSED PANEL RETROFIT WITH EXTENSION COLLAR ELEVATION DETAIL
 NOTE:
 SCALE: NO SCALE

- EC TO RETROFIT ALL EXISTING RECESSED PANELS SHOWN. MEASURE EXISTING BACK BOXES AND CONFIRM ANY SUBFEED-THRU LUGS PRIOR TO ORDERING CUSTOM RETROFIT KITS.
- ALL SURFACE MOUNTED PANELS SHOWN ARE TO BE REMOVED IN ITS ENTIRETY, DISPOSED, & REPLACED W/ NEW. EC TO CONSULT OWNER BEFORE DISPOSING ALL WORKING CIRCS. CONNECT ALL TAGGED WIRES FROM DEMO'D PANEL TO NEW PANEL. MODIFY ALL RACEWAYS TO ACCOMMODATE NEW PANEL.
- NEW PANEL CHARACTERISTICS SHALL MATCH THEIR REPLACEMENTS. ALL PANELS SHOWN SHALL BE RATED FOR 220KVA, 120/208V, 3Ø, 4W AND SHALL BE LOCKABLE DOOR-IN DOOR WHERE EXISTING CONDITIONS PERMIT.
- ALL LOADS, CIRCUIT BREAKERS, PANEL CHARACTERISTICS SHOWN ARE EXISTING AND WHAT WAS SHOWN ON THE EXISTING PANEL & PANEL SCHEDULE. EC TO VERIFY ALL IN FIELD PRIOR TO ORDERING.

EXISTING RECESSED PANEL 'D'
 • NO MARKINGS ON PANEL - ASSUMED 125A, 3Ø, 4W, V.I.F.
 • MLO
 • 24 POSITION PANEL
 • (21) - 15A SINGLE POLE BREAKER
 • (1) - 20A SINGLE POLE BREAKER
 • (1) - 20A TWO POLE BREAKER

EXISTING SURFACE MOUNTED PANEL B-2'
 • 125A, 3Ø, 4W.
 • MLO
 • 26 POSITION PANEL
 • (16) - SINGLE POLE BREAKER
 • (2) - TWO POLE BREAKER
 • (1) - 20A THREE POLE BREAKER
 • (1) - BLANK THREE POLE FRAME

EXISTING SURFACE MOUNTED PANEL B-1'
 • 125A, 3Ø, 4W.
 • MLO
 • 26 POSITION PANEL
 • (19) - SINGLE POLE BREAKER
 • (1) - TWO POLE BREAKER
 • (1) - 30A TWO POLE BREAKER
 • (1) - 20A THREE POLE BREAKER

EXISTING SURFACE MOUNTED PANEL B-3'
 • 125A, 3Ø, 4W.
 • MLO
 • 26 POSITION PANEL
 • (15) - SINGLE POLE BREAKER
 • (3) - 20A SINGLE POLE BREAKER
 • (1) - TWO POLE BREAKER
 • (1) - 20A THREE POLE BREAKER
 • (1) - BLANK THREE POLE FRAME

EXISTING RECESSED PANEL PP-KIT
 • 200A, 3Ø, 4W.
 • MLO
 • 42 POSITION PANEL
 • (16) - SINGLE POLE BREAKERS
 • (2) - TWO POLE BREAKERS
 • (4) - THREE POLE BREAKERS

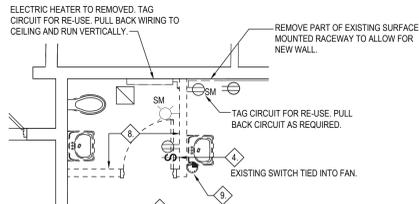
NEW WIRED CO DETECTOR. COORDINATE LOCATION IN FIELD. NEW DETECTOR TO BE COMPATIBLE WITH EXISTING FIRE ALARM CONTROL PANEL. (TYP. 2)

NEW SOUNDER BASE FOR ASSOCIATED CO DETECTOR. COORDINATE LOCATION IN FIELD. (TYP. 2)

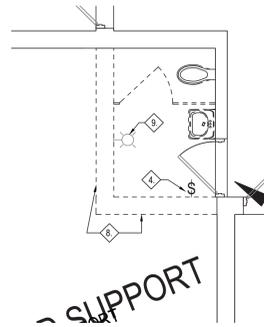
EC TO REMOVE AND RELOCATE EXISTING PULL STATION CLOSER TO DOOR AS TO AVOID NEW HAND RAILS. PLACE MIN 1' AWAY.

EXISTING RECESSED PANEL 'LOBBY'
 • 125A, 3Ø, 4W.
 • MLO
 • 24 POSITION PANEL
 • (16) - 15A SINGLE POLE BREAKER
 • (2) - 20A SINGLE POLE BREAKER
 • (2) - 20A TWO POLE BREAKER

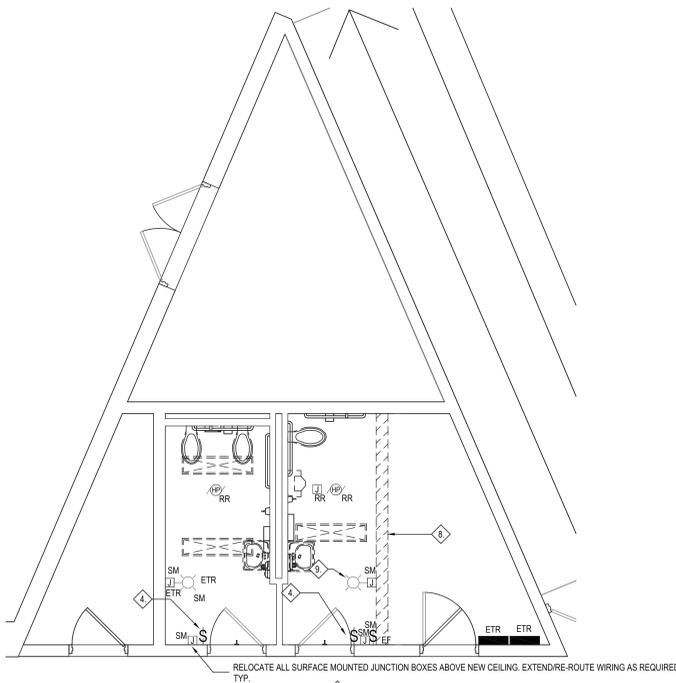
REFER TO DWG. E6.01 FOR ENLARGED TOILET ROOM PLANS



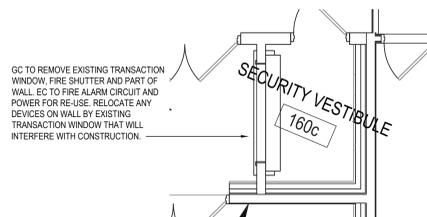
DEMO PLAN @ NURSES BATHROOM
NOTE: SCALE: 1/4" = 1'-0"



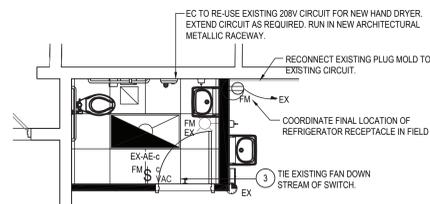
DEMO PLAN @ TOILET ROOM NEAR ROOM 125
NOTE: SCALE: 1/4" = 1'-0"



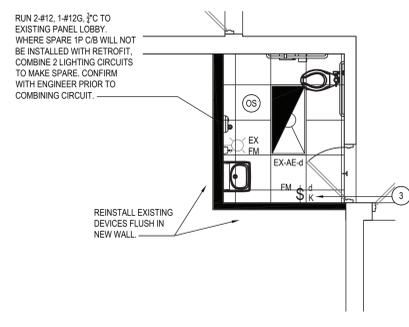
DEMO PLAN @ TOILET ROOMS 22 & 23
NOTE: SCALE: 1/4" = 1'-0"



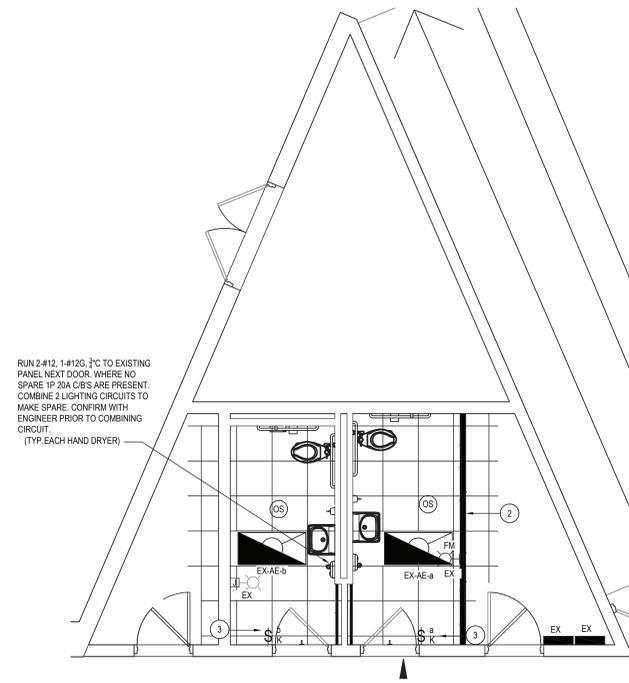
SECURITY VESTIBULE TRANSACTION WINDOW DEMOLITION PLAN
NOTE: SEE A-SERIES DRAWINGS FOR MORE INFORMATION. SCALE: 1/4" = 1'-0"



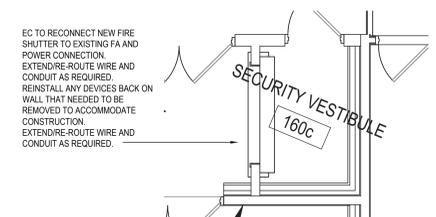
PROPOSED PLAN @ NURSES BATHROOM
NOTE: SCALE: 1/4" = 1'-0"



PROPOSED PLAN @ TOILET ROOM NEAR ROOM 125
NOTE: SCALE: 1/4" = 1'-0"



PROPOSED PLAN @ TOILET ROOMS 22 & 23
NOTE: SCALE: 1/4" = 1'-0"



SECURITY VESTIBULE TRANSACTION WINDOW PROPOSED PLAN
NOTE: SEE A-SERIES DRAWINGS FOR MORE INFORMATION. SCALE: 1/4" = 1'-0"

DEMOLITION KEYED NOTES

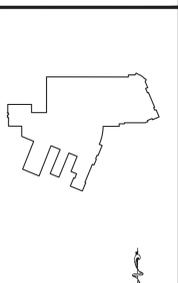
- 1 IN AREAS WHERE NEW LIGHTING IS BEING INSTALLED, EC SHALL SAFE OFF AND DISCONNECT EXISTING LIGHTING FIXTURES. TRACE AND TAG EXISTING HOMERUN FOR RE-USE.
- 2 WHERE NEW CEILINGS ARE BEING INSTALLED, EC SHALL SAFE OFF, DISCONNECT & REMOVE/SUPPORT AS NEEDED ALL EXISTING CEILING AND WALL MOUNTED DEVICES INCLUDING BUT NOT LIMITED TO FA, PA, WAPS, SECURITY, PROJECTORS, ETC. EC TO REINSTALL AND RECONNECT ALL EXISTING DEVICES ONCE NEW CEILING IS INSTALLED. EXTEND/REDUCE WIRING FOR ALL DEVICES AS REQUIRED FOR CEILINGS THAT ARE DROPPED FURTHER DOWN THEN EXISTING HEIGHT. ANY ELECTRICAL ITEMS ON WALLS OR CEILINGS AFFECTED BY THE SCOPE OF WORK THAT ARE NOT FUNCTIONAL EITHER FROM PREVIOUS GENERATION OF CONSTRUCTION OR NON FUNCTIONAL, EC TO REMOVE BACK TO SOURCE AND PERMANENTLY SAFE OFF. WHERE APPLICABLE LABEL CIRCUIT AS SPARE.
- 3 EC TO REMOVE ALL OBSOLETE DEVICES ASSOCIATED WITH THE OLD LIGHTING CONTROLS.
- 4 EC TO REMOVE EXISTING LIGHT SWITCHES THAT ARE ASSOCIATED WITH LIGHTS TO BE REMOVED. RETAIN BACK BOX WHERE WALL REMAINS. PROVIDE BLANK PLATE IF POSITION WILL NOT BE RE-USED.
- 5 EC TO INVESTIGATE ELECTRICAL ITEM IN FIELD WHERE NO LONGER ACTIVE/OBSOLETE, EC TO REMOVE BACK TO SOURCE AND PERMANENTLY SAFE OFF. WHERE APPLICABLE LABEL CIRCUIT AS SPARE. WHERE ACTIVE EC TO RELOCATE AND EXTEND CIRCUIT AS REQUIRED TO ACCOMMODATE NEW CEILING AND WALLS.
- 6 EC SHALL FURNISH & INSTALL J-HOOKS OR SIMILAR TO SUPPORT ANY LOSE CABLES, OF ANY VOLTAGE, ONCE EXISTING CEILING IS REMOVED. SUPPORT DISTANCE PER CODE AND MANUFACTURES INSTRUCTIONS.
- 7 EC SHALL LABEL ALL DISTRIBUTION DIRECTORIES/SCHEDULES AS 'SPARE' FOR REMOVED/ABANDONED CKTS.
- 8 WHERE EXISTING WALLS ARE BEING REMOVED, EC SHALL REMOVE AS NEEDED ALL EXISTING ELECTRICAL ITEMS IN & ON WALL INCLUDING BUT NOT LIMITED TO BACK BOXES, RECEPTACLES, CONDUITS, RACEWAYS, PLUG MOLDS, FA, PA, WAPS, SECURITY, PROJECTORS, ETC. SAFE OFF, DISCONNECT, AND PULL BACK CKT. FOR RE-USE. WHERE EXISTING CKT ORIGINATES WITHIN THE SLAB, EC MUST EXTEND CKT TO THE CLOSEST NEW WALL. CUT/CHOP FLOOR AS REQUIRED. MAINTAIN CONTINUITY OF CIRCUITS OUTSIDE THE DEMOLITION SCOPE OF WORK.
- 9 REMOVE EXISTING SURFACE MOUNTED DEVICE AND REINSTALL IN NEW WALL. SAFE OFF AND BULL BACK CIRCUIT AS REQUIRED.

PROPOSED KEYED NOTES

- 1 EC TO REINSTALL AND RECONNECT ALL EXISTING DEVICES ONCE NEW CEILING IS INSTALLED. EXTEND/REDUCE WIRING FOR ALL DEVICES AS REQUIRED FOR CEILINGS THAT ARE DROPPED FURTHER DOWN THEN EXISTING HEIGHT. ANY ELECTRICAL ITEMS ON WALLS OR CEILINGS AFFECTED BY THE SCOPE OF WORK THAT ARE NOT FUNCTIONAL EITHER FROM PREVIOUS GENERATION OF CONSTRUCTION OR NON FUNCTIONAL, EC TO REMOVE BACK TO SOURCE AND PERMANENTLY SAFE OFF. WHERE APPLICABLE LABEL CIRCUIT AS SPARE.
- 2 EC TO REINSTALL AND RECONNECT ALL EXISTING DEVICES ONCE NEW WALL IS INSTALLED. EXTEND/REDUCE WIRING AND FURNISH CONDUITS AND BACK BOXES BEHIND NEW WALL FOR ALL DEVICES AS REQUIRED. ANY ELECTRICAL ITEMS ON WALLS OR CEILINGS AFFECTED BY THE SCOPE OF WORK THAT ARE NOT FUNCTIONAL EITHER FROM PREVIOUS GENERATION OF CONSTRUCTION OR NON FUNCTIONAL, EC TO REMOVE BACK TO SOURCE AND PERMANENTLY SAFE OFF. WHERE APPLICABLE LABEL CIRCUIT AS SPARE.
- 3 EC TO FURNISH NEW FACE PLATE AND SWITCHES FOR AREAS WITH NEW LIGHT FIXTURES. WHERE LESS SWITCHES ARE BEING INSTALLED IN AN EXISTING BACK BOX, EC TO FURNISH AND INSTALL A BLANK PLATE TO COVER SPARE SLOTS.
- 4 EC SHALL FURNISH & INSTALL J-HOOKS OR SIMILAR TO SUPPORT ANY LOSE CABLES, OF ANY VOLTAGE, ONCE EXISTING CEILING IS REMOVED. SUPPORT DISTANCE PER CODE AND MANUFACTURES INSTRUCTIONS.

REV.	DATE	ITEM

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KEY PLAN
NOT TO SCALE

PROJECT
BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVEMENTS
TODD ELEMENTARY SCHOOL
45 INGHAM ROAD, BRIARCLIFF MANOR, NY 10510

DWG TITLE
ENLARGED TOILET ROOM PLANS

DRAWING BY: A.G.
CHECK BY: F.S.

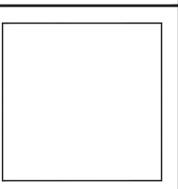
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SED No: 66-14-02-02-0-002-021

DISTRICT: BRIARCLIFF MANOR U.F.S.D.
DISTRICT NAME:

PROJECT: PHASE 2 BOND IMPROVEMENTS AT TODD ES

DWG TITLE: ELECTRICAL ENLARGED TOILET ROOM PLANS

SCALE: AS NOTED

DATE:

BID PICK-UP: NOVEMBER 14, 2022

FILE No: 21-247D

E6.01