WALL TYPES:

TYPE P1: PAINT BY SHERWIN WILLIAMS LATEX EGGSHELL ENAMEL COLOR: EXTRA WHITE SW7006 (CEILING)	TYPE P2: PAINT BY SHERWIN WILLIAMS LATEX FLAT ENAMEL COLOR: DENIM SW6523 (CEILING ACCENT - BLUE)
TYPE P3: PAINT BY SHERWIN WILLIAMS LATEX EGGSHELL ENAMEL COLOR: BIG CHILL SW7648 (GENERAL WALLS)	TYPE P4: PAINT BY SHERWIN WILLIAMS LATEX EGGSHELL ENAMEL COLOR: DENIM SW6523 (ACCENT A - BLUE)
TYPE P5: PAINT BY SHERWIN WILLIAMS LATEX EGGSHELL ENAMEL COLOR: ROBUST ORANGE SW6628 (ACCENT B- ORANGE)	TYPE P6: PAINT BY SHERWIN WILLIAMS LATEX EGGSHELL ENAMEL COLOR: DAPHNE SW9151 (ACCENT C- LIGHT BLUE)
TYPE P7: PAINT BY SHERWIN WILLIAMS LATEX EGGSHELL ENAMEL COLOR: AS SELECTED BY ARCHITECT (CORRIDOR)	TYPE P8: PAINT BY SHERWIN WILLIAMS LATEX EGGSHELL ENAMEL COLOR: AS SELECTED BY ARCHITECT (CORRIDOR)
TYPE P9: PAINT BY SHERWIN WILLIAMS LATEX SEMI-GLOSS ENAMEL COLOR: AS SELECTED BY ARCHITECT (TOILET)	TYPE WC1: WALLTALKERS MAG-RITE (M248) - MAGNETIC, WRITABLE WALL SURFACE AS MANUFACTURED BY KOROSEAL OR EQUAL. PROVIDE FLOOR TO CEILING- LEVEL 5 GYP. BOARD FINISH REQUIRED FOR INSTALLATION.
TYPE CT-1: 4" X 12" CERAMIC WALL TILE MANUFACTURER: AMERICAN OLEAN COLLECTION: COLORSTORY WALL COLOR: MATTE DESIGNER WHITE 0061 NOTE: GROUT FOR CT1 TO BE CUSTOM - #381 BRIGHT WHITE. SPACED AT 1/8" UNLESS OTHERWISE NOTED.	TYPE CT-2: 4" X 12" CERAMIC WALL TILE MANUFACTURER: AMERICAN OLEAN COLLECTION: COLORSTORY WALL COLOR: SAPPHIRE SKY 0070 NOTE: GROUT FOR CT2 TO BE CUSTOM - #381 BRIGHT WHITE. SPACED AT 1/8" UNLESS OTHERWISE NOTED.
TYPE CT-3: 4" X 12" CERAMIC WALL TILE MANUFACTURER: AMERICAN OLEAN COLLECTION: COLORSTORY WALL COLOR: BLAZE 0029 NOTE: GROUT FOR CT3 TO BE CUSTOM - #381 BRIGHT WHITE. SPACED AT 1/8" UNLESS OTHERWISE NOTED.	

FLOOR MATERIAL TYPES

TYPE VCT1: 12" X 12" VINYL COMPOSITION TILE MANUFACTURER: ARMSTRONG 'EXCELON IMPERIAL' FIELD COLOR: SOFT WARM GRAY 51861 ACCENT VCT1A: GO BLUE 57531 ACCENT VCT1B: SCREAMIN' PUMPKIN 57516	TYPE LVT1: 7"X48" LUXURY VINYL TILE MANUFACTURER: PATCRAFT STYLE: RESTON 20 MIL COLOR: 00730 ANISE-V2
TYPE CPT1: 24" X 24" CARPET TILE MANUFACTURER: TARKETT STYLE: COLORKNIT COLOR: 30230 REGAL BLUE	TYPE CT-4: 8" X 8" CERAMIC FLOOR TILE MANUFACTURER: CREATIVE MATERIAL CO. COLLECTION: FRAMMENTO COLOR: BEIGE MACRO - NATURAL - RECTIFIED (BEIGE TERRAZZO) NOTE: GROUT FOR CT4 TO BE CUSTOM - #380 HAYSTACK. SPACED AT 1/16" UNLESS OTHERWISE NOTED.

BASE TYPES:

TYPE RCB1: 4" RUBBER COVE BASE BY TARKETT COLOR: BLUE INTENSITY TH2	TYPE RCB2: 4" RUBBER COVE BASE BY TARKETT COLOR: SHORELINE 280
TYPE RCB3: RUBBER COVE BASE BY "JOHNSONITE" LATEX EGGSHELL ENAMEL COLOR AS SELECTED BY ARCHITECT (CORRIDORS)	TYPE RCB4: RUBBER COVE BASE BY "JOHNSONITE" LATEX EGGSHELL ENAMEL COLOR AS SELECTED BY ARCHITECT (OFFICES)
TYPE CT-5: 8" X 8" CERAMIC FLOOR TILE MANUFACTURER: CREATIVE MATERIAL CO. COLLECTION: FRAMMENTO COLOR: BEIGE MACRO - NATURAL - RECTIFIED (BEIGE TERRAZZO) NOTE: GROUT FOR CT5 TO BE CUSTOM - #380 HAYSTACK. SPACED AT 1/16" UNLESS OTHERWISE NOTED.	

CEILING TILE TYPES:

TYPE ACT1: ACOUSTIC CEILING TILE BY "ARMSTRONG" SIZE: 24" X 24" X 3/4" STYLE: #1911 ULTIMA BEVELED TEGULAR (CORRIDORS/CLASSROOMS)	TYPE ACT2: ACOUSTIC CEILING TILE BY "ARMSTRONG" SIZE: 24" X 24" X 5/8" STYLE: # 770 CORTEGA SQUARE LAY-IN (STORAGE ROOMS/CUSTODIAL)
TYPE ACT3: ACOUSTIC CEILING TILE BY "ARMSTRONG" SIZE: 24" X 24" X 1", NRC RATING .95 STYLE: # 3250 OPTIMA SQUARE TEGULAR (STUDENT LEARNING EXCHANGE/OFFICES)	TYPE ACT4: ACOUSTIC CEILING BY "CERTAINTEED" SIZE: 8' DEEP X 2" THICK STYLE: TYPE 10 DECOUSTICS RONDOLO BAFFLES COLOR(S) AS SELECTED BY ARCH. (STUDENT LEARNING EXCHANGE)
TYPE ACT5: ACOUSTIC CEILING TILE BY "ARMSTRONG" SIZE: 24" X 24" X 3/4" STYLE: # 1935 ULTIMA HEALTH ZONE SQUARE LAY-IN (TOILET ROOMS)	CEILING GRID: CEILING GRID BY "ARMSTRONG", 15/16" PRELUDE, WHITE, U.O.N. NOTE: ALL CEILING TILE & GRID TO BE WHITE UNLESS OTHERWISE NOTED.

GROUT TYPES:

TYPE GRT1: GRT1: 1/8" GROUT MANUFACTURER: CUSTOM BUILDING PRODUCTS COLOR: #11 SNOW WHITE	TYPE GRT2: GRT2: 1/16" GROUT MANUFACTURER: CUSTOM BUILDING PRODUCTS COLOR: #380 HAYSTACK.

TACKBOARDS:

TBI: TACK BOARDS.
COLOR: AS PER ARCHITECT

WINDOW TREATMENTS:

TYPE WS1: DRAPER CLUTCH OPERATED FLEXSHADE, PHIFER SHEARWEAVE PW 2500, 1% OPEN COLOR AS SELECTED BY ARCHITECT (ROOMS 120 & 121)

TYPE WS2: DRAPER CLUTCH OPERATED FLEXSHADE, PHIFER SHEARWEAVE PW 2500, SOLID COLOR AS SELECTED BY ARCHITECT (ALL OFFICES 1 - 20)

NOTES:
1. PROVIDE (1) PER WINDOW UNIT
2. GC SHALL SUBMIT SHOP DRAWINGS AND SAMPLES FOR APPROVAL BY ARCHITECT.

ACOUSTICAL WALL PANEL:

AP: 1" HARDSIDE FABRIC WRAPPED ACOUSTICAL WALL PANEL AS MANUFACTURED BY KINETICS NOISE CONTROL OR EQUAL
FABRIC: PALETTE 2155 BY GUILFORD OF MAINE
COLOR: AS PER ARCHITECT

WRITABLE WALL COVERING

1. 'WALLTALKERS WALLCOVERINGS', AS MANUFACTURED BY KOROSEAL INTERIOR PRODUCTS, LLC, 3875 EMBASSY PARKWAY, SUITE 110, FAIRLAWN, OHIO 44333, TELEPHONE: (855)753-5474, EMAIL: INFO@KOROSEAL.COM, OR APPROVED EQUAL.

2. 'WALLTALKERS' TO BE WRITE-ABLE WITH MAGNETIC CAPABILITIES AND WILL EXTEND ENTIRE LENGTH OF WALL, FLOOR TO CEILING. 'WALLTALKERS' TO BE WHITE WITH ALUMINUM J-CAP TRIM , SEMI-GLOSS (PRODUCT CODE M248).

3. ACCESSORIES - 1 SET REQUIRED FOR EACH ROOM. INCLUDE THE FOLLOWING:
   a. ONE SILVER ANODIZED ALUMINUM MARKER CADDY (MODEL NO. AMCM)
   b. STARTER KIT (8 MARKERS, ONE FELT ERASER, 8 OZ. SPRAY BOTTLE OF LIQUID CLEANER, ONE EMPTY 8 OZ. SPRAY BOTTLE FOR WATER, TWO DRY ERASE CLEANING CLOTHS).
   c. HEAVY DUTY MAGNETS (MAG1), MINIMUM OF 12 MAGNETS.

4. WARRANTY: INCLUDE MANUFACTURER'S STANDARD 5 YEAR WARRANTY.

5. INSTALL AS PER MANUFACTURER'S RECOMMENDATIONS HORIZONTALLY WITH SEAM AT 2' A.F.F AND 6' A.F.F. REFER TO INSTALLATION INSTRUCTIONS, DOUBLE CUTTING ALL SEAMS.

6. G.C. SHALL CLEAN / PREP MATERIAL FOR FIRST USE AS RECOMMENDED BY MANUFACTURER AN AMMONIA OR ALCOHOL BASED CLEANER OR MILD SOAP AND RINSED THOROUGHLY WITH WATER.

BALANCE ALONG TOP
SEAM — — — — — — — — —
SOLID 'WALLTALKERS' PIECE
SEAM — — — — — — — — —
32" FROM FLOOR

GRAPHIC VINYL DECAL

GV1: GC RESPONSIBLE FOR USING GRAPHICS ALLOWANCE TO PROVIDE HEAT FORMED VINYL WALL DECAL, DESIGN AND INSTALLATION BY 71 VISUALS (631.532.6142) ON PAINTED GYP. BD. WALL.
PRODUCT: ARLON VINYL WITH MATTE LAMINATE, MULTIPLE COLORS

RUBBER TRANSITIONS/NOSINGS

GC RESPONSIBLE FOR USING GRAPHICS ALLOWANCE TO PROVIDE HEAT FORMED VINYL WALL DECAL, DESIGN AND INSTALLATION BY 71 VISUALS (631.532.6142) ON PAINTED GYP. BD. WALL.
PRODUCT: ARLON VINYL WITH MATTE LAMINATE, MULTIPLE COLORS

CASEWORK FINISHES

QT-1: SOLID SURFACE AS MANUFACTURED BY WILSONART OR EQUAL- COLOR: FROSTY WHITE MIRAGE 1573MG

PL-1: PLASTIC LAMINATE AS MANUFACTURED BY WILSONART OR EQUAL W/ MATCHING 3MM PVC EDGE WHERE REQUIRED
COLOR: LOFT OAK 7968-12

PL-2: PLASTIC LAMINATE AS MANUFACTURED BY WILSONART OR EQUAL W/ MATCHING 3MM PVC EDGE WHERE REQUIRED
COLOR: HIGH RISE 4996-38

PL-3: PLASTIC LAMINATE AS MANUFACTURED BY WILSONART OR EQUAL W/ MATCHING 3MM PVC EDGE WHERE REQUIRED
COLOR: INDIGO D379-60

**G.C. RESPONSIBLE FOR PROVIDING AND INSTALLING CASEWORK SHOWN IN ELEVATION 27, 28, & 29 ON A11.04 AND RECEPTION DESK DETAILED ON 11.06 ONLY. ALL OTHER CASEWORK TO BE PROVIDED AND INSTALLED BY OWNER'S CC ON SEPARATE CONTRACT.

FABRIC WRAPPED TACK BOARD:

FWTB: 1/2" HOMASOTE WALL BOARD BETWEEN COUNTERTOP AND UPPER CABINETS, WRAPPED WITH FABRIC. CUT TO MATCH LENGTH OF UPPER CABINETS
FABRIC: PALETTE 2155 BY GUILFORD OF MAINE
COLOR: AS PER ARCHITECT
TYPICAL OF ALL OFFICES (ROOM #1 THROUGH #20)

FINISH SCHEDULE

RM. NO.	LOCATION	FLOOR MATERIAL	FLOOR FINISH	BASE MATERIAL	BASE FINISH	WALLS MATERIAL	WALLS FINISH	CEILING	REMARKS
1	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT3	FWTB
2	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT3	FWTB
3	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT3	FWTB
4	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT3	FWTB
5	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT3	FWTB
6	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT3	FWTB
7	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT3	FWTB
8	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT3	FWTB
9	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT3	FWTB
10	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT3	FWTB
11	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT3	FWTB
12	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT3	FWTB
13	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT3	FWTB
14	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT3	FWTB
15	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT3	FWTB
16	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT3	FWTB
17	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT3	FWTB
18	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT3	FWTB
19	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT3	FWTB
20	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT3	FWTB
107	QUIET ROOM	LVT	LVT1	RUBBER BASE	RB2	GYP. BD	AP	ACT3	WALLS TO BE WRAPPED IN ACOUSTICAL PANEL
108	AMPHITHEATER	LVT	LVT1	RUBBER BASE	RB2	GYP. BD	P3	ACT3&4/GYP	
111A	UNISEX ADA RESTROOM	CERAMIC TILE	CT1	CERAMIC TILE	CT2	CERAMIC TILE	CT2	ACT5	
111B	UNISEX RESTROOM	CERAMIC TILE	CT1	CERAMIC TILE	CT2	CERAMIC TILE	CT2	ACT5	
111C	UNISEX RESTROOM	CERAMIC TILE	CT1	CERAMIC TILE	CT2	CERAMIC TILE	CT2	ACT5	
111D	STAFF ADA UNISEX RESTROOM	CERAMIC TILE	CT1	CERAMIC TILE	CT2	CERAMIC TILE	CT2	ACT5	
112	FLEX SPACE	LVT	LVT1	RUBBER BASE	RB2	GYP. BD	P3	ACT1/GYP	
113	SCIENCE RESEARCH LAB	LVT	LVT1	RUBBER BASE	RB2	GYP. BD	P3/P5/WC1	ACT1&4/GYP	
114	COLLEGE CONF	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P3/P4	ACT1	
115	MATH LAB	LVT	LVT1	RUBBER BASE	RB1	GYP. BD	P5/WC1	ACT1	
116	WRITING LAB	LVT	LVT1	RUBBER BASE	RB1	GYP. BD	P5/WC1	ACT1	
117	CLASSROOM	VCT	VCT1	RUBBER BASE	RB1	GYP. BD	P3/P5	ACT1	
118	STORAGE	VCT	VCT1	RUBBER BASE	RB1	GYP. BD	P3	ACT2	
119	STORAGE	VCT	VCT1	RUBBER BASE	RB1	GYP. BD	P3	ACT2	
120	FAB LAB/ PHOTOGRAPHY	VCT	VCT1	RUBBER BASE	RB1	GYP. BD	P4	ACT1	
120A	STORAGE	VCT	VCT1	RUBBER BASE	RB1	GYP. BD	P4	ACT1	
121	ROBOTICS/ ENGINEERING	VCT	VCT1	RUBBER BASE	RB1	GYP. BD	P4	ACT1	
121A	STORAGE	VCT	VCT1	RUBBER BASE	RB1	GYP. BD	P4	ACT1	
157	SECURITY	VCT	VCT1	RUBBER BASE	RB1	EXIST	P4	ACT2	
158	BOY'S TOILET	CERAMIC TILE	CT1	CERAMIC TILE	CT2	CERAMIC TILE	CT2	ACT5	
159	STOR.	VCT	VCT1	RUBBER BASE	RB1	EXIST	P3	ACT2	
160	GIRL'S TOILET	CERAMIC TILE	CT1	CERAMIC TILE	CT2	CERAMIC TILE	CT2	ACT5	
164	TECH	VCT	VCT1	RUBBER BASE	RB1	GYP. BD	P3/P5	ACT1	
165	TECH.	VCT	VCT1	RUBBER BASE	RB1	GYP. BD	P3/P5	ACT1	
166	STORAGE	VCT	VCT1	RUBBER BASE	RB1	GYP. BD	P3	ACT2	
167	STORAGE	VCT	VCT1	RUBBER BASE	RB1	GYP. BD	P3	ACT2	
168	STUDENT LEARNING EXCHANGE	CARPET/LVT	CPT1/LVT1	RUBBER BASE	RB1	GYP. BD	P3/P4/P5	ACT3&4/GYP	
181A	UNISEX ADA RESTROOM	CERAMIC TILE	CT1	CERAMIC TILE	CT2	CERAMIC TILE	CT2	ACT5	
181B	UNISEX RESTROOM	CERAMIC TILE	CT1	CERAMIC TILE	CT2	CERAMIC TILE	CT2	ACT5	
501B	GALLERY	VCT	VCT1	RUBBER BASE	RB2	GYP. BD	P	NO CLG/P1&11	
505	CAFETERIA	VCT	MATCH EXIST.	RUBBER BASE	MATCH EXIST	GYP. BD	MATCH EXIST.	MATCH EXIST	
B	CORRIDOR	VCT	VCT1	RUBBER BASE	RB2	GYP. BD	P	ACT1/GYP	
C	CORRIDOR	EXIST VCT	PATCH AS REQ'D	RUBBER BASE	RB2	GYP. BD	P	NO CLG/P1	
E	CORRIDOR	VCT	VCT1	RUBBER BASE	RB2	GYP. BD	P	ACT1	
F	CORRIDOR	VCT	VCT1	RUBBER BASE	RB2	GYP. BD	P	NO CLG/P1	
L	CORRIDOR	VCT	VCT1	RUBBER BASE	RB1	GYP. BD	P	ACT1	

FINISH NOTES

1. 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.
2. ALL CMU SURFACES SHALL BE PRIMED WITH INTERIOR & EXTERIOR BLOCK FILLER M88 INDUSTRIAL MAINTENANCE BY BENJAMIN MOORE. PRIOR TO FINISH PAINT APPLICATION.
3. 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.
4. 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.
5. REFER TO FLOOR PLANS FOR TILE PATTERNS.
6. G.C. SHALL PREP/PRIME AND PAINT ALL SHEET METAL PIPE ENCLOSURES (INSTALLED BY MC). COLOR AS SELECTED BY ARCHITECT.
7. BEFORE PAINTING, CONCRETE SURFACES MUST CURE 30 DAYS, BLOCK AND PLASTER SURFACES MUST CURE FOR 30 DAYS.
8. ALL NEW WOOD WINDOW SILLS, MOLDING AND TRIM SHALL RECEIVE A "STAINED" FINISH AND RECEIVE (3) COATS OF 'BENWOOD' POLYURETHANE FINISH LOW LUSTER NO. 435 BY 'BENJAMIN MOORE' OR APPROVED EQUAL. STAIN COLOR AS SELECTED BY ARCHITECT. GC SHALL SUBMIT PHYSICAL COLOR SAMPLE FOR REVIEW AND APPROVAL.
9. ALL FINISHES SHALL BE PROVIDED AND INSTALLED BY GC UNLESS OTHERWISE NOTED. REFER TO SPEC SECTION 09900 FOR ADDITIONAL INFORMATION.
10. ALL INTERIOR FINISHES IN CORRIDOR SHALL BE CLASS 'A' RATED.
11. PATCH, REPAIR AND FINISH CEILING, WALLS, AND FLOOR @ POINTS OF DEMOLITION TO MATCH EXISTING ADJACENT. EXISTING FINISHES TO REMAIN.
12. 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.
13. REFER TO REFLECTED CEILING PLANS AND FINISH FLOOR PLANS FOR ADDITIONAL INFORMATION.
14. DOOR FRAMES TO BE PREPPED & PAINTED AS PER SPEC. COLOR AS SELECTED BY ARCHITECT.
15. G.C. SHALL PREP, PRIME & PAINT SHEETROCK CEILINGS UNLESS OTHERWISE NOTED FINISH AS PER SPEC. COLOR: WHITE- FLAT FINISH.
16. 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.
17. REFER TO REFLECTED CEILING PLANS, TOILET ROOM TILE PLANS, AND FINISHED FLOOR PLANS FOR ADDITIONAL FINISH INFORMATION.
18. GENERAL CONTRACTOR SHALL PERFORM A BOND TEST IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS PRIOR TO INSTALLATION OF NEW V.C.T. FLOORING.
19. CONTRACTOR SHALL INSTALL PLANI/PATCH PLUS BY 'MAPEI' OR APPROVED EQUAL OVER SUBSTRATE AND/OR CONCRETE SLAB TO PROVIDE A FLOOR SURFACE IN ACCORDANCE WITH MANUFACTURERS WRITTEN INSTRUCTIONS AND AS SPECIFIED FOR INSTALLATION OF NEW FINISH FLOOR MATERIALS.

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.

TYPICAL MOLDING NOTES

1. COORDINATE DEMOLITION AND PROPOSED DRAWINGS FOR EXTENT OF MOLDING REPLACEMENT IN THE EXISTING BUILDING. ALL MOLDING COMPONENTS AND PROFILES ARE INDICATED FOR REFERENCE ONLY.
2. EXISTING TRIM SHALL BE MAINTAINED WHERE INDICATED. WHERE NEW TRIM SHALL MATCH THE EXISTING TO REMAIN, THE SIZE AND PROFILE SHALL MATCH THE EXISTING - SPECIES MAY VARY.
3. CONTRACTOR SHALL PROVIDE SOLID BLOCKING AS REQUIRED TO SUPPORT ALL MOLDINGS AND TRIM WHETHER EXPLICITLY NOTED/SHOWN OR NOT.
4. ALL MOLDINGS TO BE EITHER MAPLE OR POPLAR AS SPECIFIED. ALL MOLDINGS SHALL BE PAINTED - COLOR BY ARCHITECT.
5. REFER TO SPECIFICATION SECTION 09900 FOR ADDITIONAL INFORMATION REGARDING PAINT FOR NEW/EXISTING MOLDINGS, PAINT FOR NEW/EXISTING PLASTER, CAULKING, REQUIRED PREPARATION WORK, AND APPLICATION PROCEDURES.

GYPSUM BOARD FINISHING

GENERAL CONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF GYPSUM ASSOCIATION TRADE PUBLICATION GA-214-96 'RECOMMENDED LEVELS OF GYPSUM BOARD FINISH' & 3.06 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.)

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
C.M.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	

REV.	DATE	ITEM
1	11/29/2022	BID ADDENDUM #1
2	12/07/2022	BID ADDENDUM #2

NOTICE

THESE DRAWINGS ARE BASED ON CONSTRUCTION DRAWINGS NOT PREPARED BY BBS ARCHITECTS, LANDSCAPE ARCHITECTS AND ENGINEERS, P.C. AND, THEREFORE, MAY NOT REPRESENT THE CONDITIONS AS CONSTRUCTED AT THE TIME. ALL EXISTING CONDITIONS SHOWN ARE REPRESENTED AS SUGGESTIVE INFORMATION AS THEY MAY NOT HAVE BEEN BUILT AND DETAILED PER THE ORIGINAL DOCUMENTS OR PER THE OWNERS INFORMATION.

PROJECT
BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVEMENTS
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL
444 PLEASANTVILLE RD, BRIARCLIFF MANOR, NY 10510

DWG TITLE
FINISH SCHEDULE

DRWG. BY: C.M.
CHK. BY: G.E.O.

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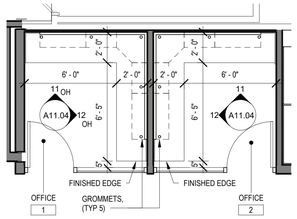
SED No. 66-14-02-02-0-004-023
DISTRICT BRIARCLIFF MANOR U.F.S.D.
PROJECT PHASE 2 BOND IMPROVEMENTS
DWG TITLE FINISH SCHEDULE

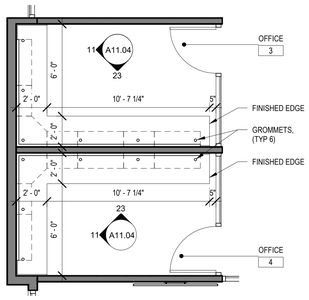
SCALE: AS NOTED
DATE: -
BID P/U DATE: 11/14/2022
FILE NO. 21-274C

A9.01 HSMS



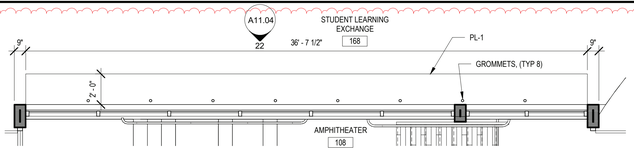
1 ENLARGED CASEWORK PLANS - OFFICE 1 & 2

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



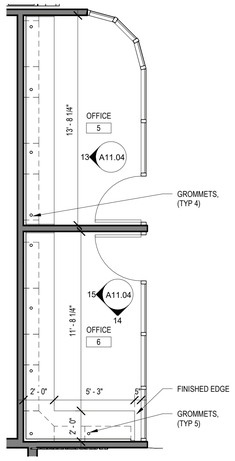
2 ENLARGED CASEWORK PLANS - OFFICE 3 & 4

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



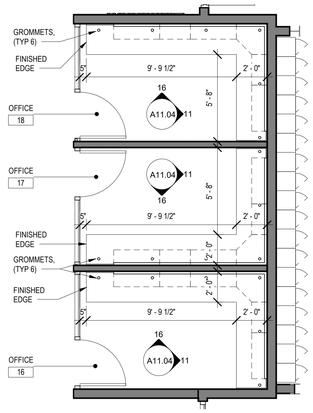
4 ENLARGED CASEWORK PLANS - SLE COUNTER

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



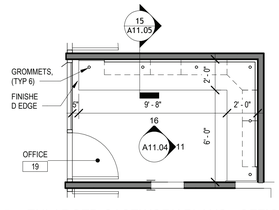
5 ENLARGED CASEWORK PLANS - OFFICE 4 & 5

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



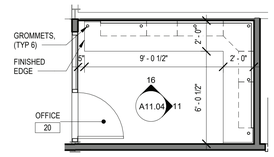
6 ENLARGED CASEWORK PLANS - OFFICE 16, 17, & 18

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



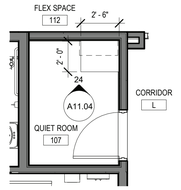
7 ENLARGED CASEWORK PLANS - OFFICE 19

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



8 ENLARGED CASEWORK PLANS - OFFICE 20

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



9 ENLARGED CASEWORK PLANS - QUIET ROOM

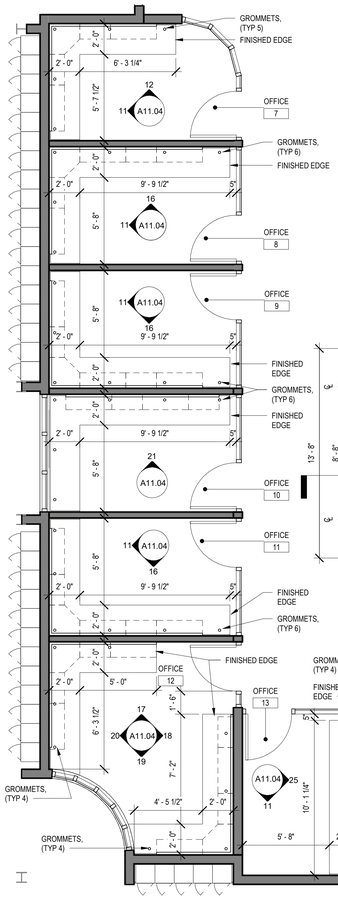
SCALE: 1/4" = 1'-0"

CASEWORK CONSTRUCTION NOTES

1. ALL CASEWORK AS OUTLINED ON THIS DRAWING IS TO BE PROVIDED AND INSTALLED BY THE CASEWORK CONTRACTOR (C.C.).
2. C.C. SHALL BE RESPONSIBLE TO FIELD VERIFY ALL DIMENSIONS & BUILD TO SUIT AND TO REVIEW AND REPORT ANY DISCREPANCIES TO ARCHITECT.
3. ALL PLUMBING INSTALLATIONS, CONNECTIONS, SERVICE PIPING & TRAPS SHALL BE PROVIDED & INSTALLED BY P.C.. ALL ELECTRIC INSTALLATIONS, CONNECTIONS AND ELECTRICAL CONDUIT BY E.C..
4. REFER TO ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION ON SINK, FIXTURE, FITTINGS & ELECTRICAL CONNECTIONS.
5. G.C. SHALL BE RESPONSIBLE TO INSTALL ALL FLOORING, 4" H RUBBER WALL BASE AT ALL NEW CASEWORK TOE KICKS AND AT ALL ADA KNEE SPACE AREAS AT SINK BASE UNITS. REFER TO FINISH SCHEDULE FOR ADDITIONAL FLOOR, WALL, BASE & CEILING FINISH INFORMATION.
6. C.C. SHALL FURNISH AND INSTALL FILLER PANELS, WHERE NECESSARY, TO PROVIDE A COMPLETE AND FINISHED INSTALLATION. (FILLER PANELS SHALL BE USED TO FORM CONTINUOUS CABINETRY BETWEEN ALL UNITS AND/OR ADJACENT SURFACES.)
7. G.C. SHALL BE RESPONSIBLE FOR ALL CUTTING, PATCHING, AND BLOCKING AS REQUIRED FOR COMPLETE AND PROPER INSTALLATION OF THEIR WORK.
8. ALL TRADE CONTRACTORS SHALL BE RESPONSIBLE TO COORDINATE THEIR WORK WITH THE G.C.
9. UNLESS OTHERWISE NOTED ALL TACK BOARDS, MARKER BOARDS SHALL BE PROVIDED AND INSTALLED BY G.C. G.C. SHALL COORDINATE WITH M.C., P.C. AND E.C. FOR WALL MOUNTED COMPONENTS WHICH MAY NOT BE SHOWN THESE PLANS OR ELEVATIONS.
10. ALL COUNTERTOPS SHALL BE PLASTIC LAMINATE OVER 1" THICK PLYWOOD SUBSTRATE WITH 4" HIGH BACK & SIDE SPLASHES, U.O.N. IN CASEWORK SHOP DRAWINGS.
11. C.C. AND E.C. SHALL COORDINATE MOUNTING LOCATIONS FOR POWER AND DATA MANAGEMENT SYSTEM TO UNDERSIDE OF COMPUTER WORKSTATIONS AND CIRCULATION DESKS. C.C. SHALL PROVIDE ALL CUTOUTS IN PANELS AS REQUIRED FOR CABLE PASSAGE BETWEEN UNITS. NO SURFACE MOUNTED INSTALLATIONS WILL BE ACCEPTED WHICH OCCUR ABOVE THE WORKSURFACE. ALL SHALL BE CONCEALED EITHER BELOW WORKSURFACE OR WITHIN CABINETS.
12. C.C. SHALL SUBMIT SHOP DRAWINGS AND COLOR SAMPLES FOR APPROVAL BY ARCHITECT ACCORDING TO SPECIFICATIONS PRIOR TO FABRICATION.
13. ALL WOOD BLOCKING TO BE RETARDANT (U.O.N)
14. ALL DOORS, DRAWERS, CABINETS, FILES, ETC. SHALL RECEIVE WARDEN LOCKS. (MASTERKEYED)
15. FINAL MECHANICAL CONNECTIONS BY M.C., FINAL ELECTRICAL CONNECTIONS BY E.C. & FINAL PLUMBING CONNECTIONS BY P.C.

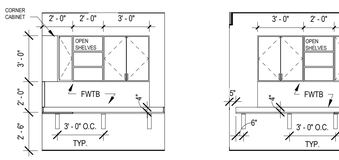
GENERAL CASEWORK/ FURNITURE NOTES

1. ALL UPPER CABINETS SHALL BE 12" DEEP, U.O.N.
2. ALL BASE CABINETS SHALL BE 34" TALL, U.O.N.
3. ALL LOOSE FURNITURE TO BE PROVIDED BY OWNER AND N.I.C.



3 ENLARGED CASEWORK PLANS - OFFICE 7 THRU 15

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

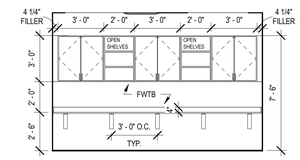


11 CASEWORK ELEVATION

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

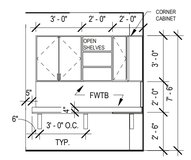
12 CASEWORK ELEVATION

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



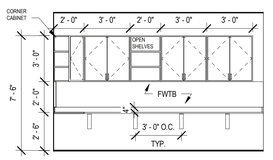
13 CASEWORK ELEVATION

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



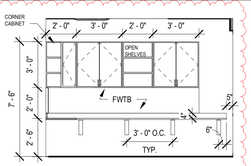
14 CASEWORK ELEVATION

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



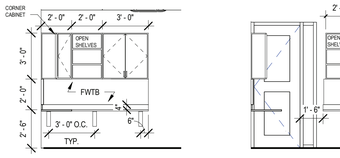
15 CASEWORK ELEVATION

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



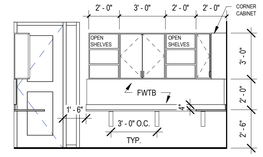
16 CASEWORK ELEVATION

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



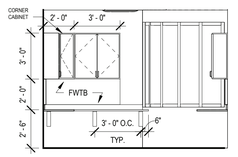
17 CASEWORK ELEVATION

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



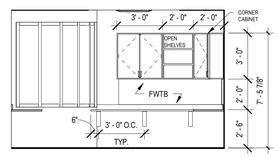
18 CASEWORK ELEVATION

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



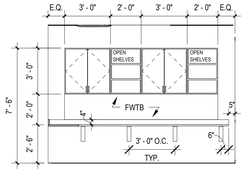
19 CASEWORK ELEVATION

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



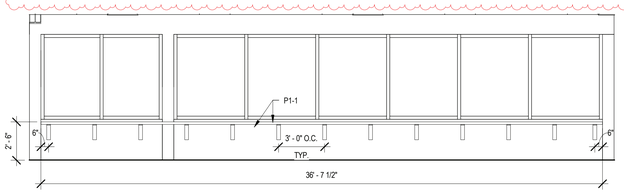
20 CASEWORK ELEVATION

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



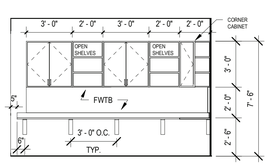
21 CASEWORK ELEVATION

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



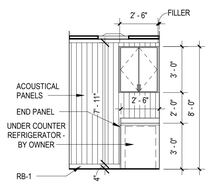
22 CASEWORK ELEVATION

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



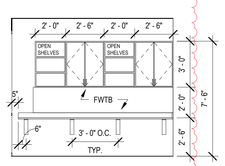
23 CASEWORK ELEVATION

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



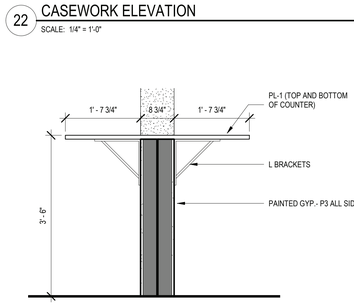
24 QUIET ROOM CASEWORK ELEVATION

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



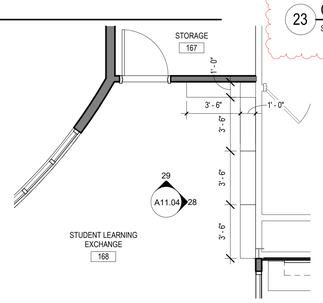
25 CASEWORK ELEVATION

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



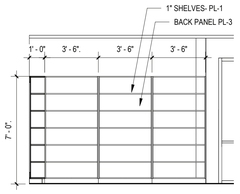
26 SECTION AT SLE COUNTER

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



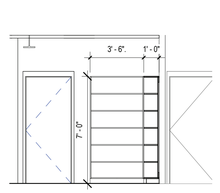
27 ENLARGED CASEWORK PLANS- TECH ZONE SHELVING

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



28 CASEWORK ELEVATION

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



29 CASEWORK ELEVATION

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

REV.	DATE	ITEM
1	11/29/2022	BID ADDENDUM #1
2	12/07/2022	BID ADDENDUM #2

NOTICE

THESE DRAWINGS ARE BASED ON CONSTRUCTION DRAWINGS NOT PREPARED BY BBS ARCHITECTS, LANDSCAPE ARCHITECTS AND ENGINEERS, PC, AND, THEREFORE, MAY NOT REPRESENT THE CONDITIONS AS CONSTRUCTED AT THE TIME. ALL EXISTING CONDITIONS SHOWN ARE REPRESENTED AS SUGGESTIVE INFORMATION AS THEY MAY NOT HAVE BEEN BUILT AND DETAILED PER THE ORIGINAL DOCUMENTS OR PER THE OWNER'S INFORMATION.

PROJECT

BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVEMENTS
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL
444 PLEASANTVILLE RD, BRIARCLIFF MANOR, NY 10510

DWG TITLE

ENLARGED EQUIPMENT PLANS & DETAILS

DRWG. BY: C.M.
CHK. BY: G.E.O.

BBS
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LANDSCAPE ARCHITECTS
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DISTRICT BRIARCLIFF MANOR U.F.S.D.
PROJECT PHASE 2 BOND IMPROVEMENTS
DWG TITLE ENLARGED EQUIPMENT PLANS & DETAILS

SCALE: AS NOTED
DATE: -
BID P/U DATE: 11/14/2022
FILE NO. 21-274C

A11.04 HSMS

DESIGN LOADS AND CRITERIA

1. DESIGN PROVISIONS: 2020 NYS BUILDING CODE
   BUILDING RISK CATEGORY, III
   TERRAIN EXPOSURE CATEGORY, B
   BASIC SEISMIC/MAIN WIND FORCE RESISTING SYSTEM FOR SKYLIGHT ONLY:
   NORTH-SOUTH, STEEL MOMENT FRAMES
   EAST-WEST, STEEL MOMENT FRAMES

2. ROOF DEAD LOAD, 20 PSF (TYPICAL)

   PORTION OF ABOVE ROOF DEAD LOAD FOR MECHANICAL EQUIPMENT AND PIPING SUSPENDED FROM STRUCTURAL FRAMING, 5 PSF

   CONCENTRATED LOADS SHALL BE LIMITED TO THOSE WHICH INDUCE MOMENTS AND SHEARS IN MEMBERS NOT GREATER THAN THOSE INDUCED BY THE NOTED UNIFORMLY DISTRIBUTED LOADS.

3. ROOF LIVE LOAD, 20 PSF (TYPICAL)

4. SNOW LOAD:

   GROUND SNOW LOAD (P_g), 30 PSF
   FLAT ROOF SNOW LOAD (P_f), 25 PSF ⚠1
   EXPOSURE FACTOR (C_e), 1.0
   THERMAL FACTOR (C_t), 1.0
   IMPORTANCE FACTOR (I_s), 1.1
   RAIN LOAD (PONDING), NOT APPLICABLE
   RAIN-ON-SNOW SURCHARGE, NOT APPLICABLE

   DRIFTED, UNBALANCE AND SLIDING SNOW LOADS AS INDICATED IN AMERICAN SOCIETY OF CIVIL ENGINEERS STANDARD ASCE 7-16.

5. WIND LOAD:

   BASIC WIND SPEED, 123 MPH
   EXPOSURE CATEGORY, B
   TOPOGRAPHIC FACTOR, 1.0
   HEIGHT OF MAIN ROOF, 25 FEET

6. SEISMIC LOADS:

   RISK CATEGORY, III
   SITE CLASS, D
   SHORT-PERIOD ACCELERATION (S_{DS}), 0.210 g
   ONE-SECOND ACCELERATION (S_{D1}), 0.072 g
   SEISMIC DESIGN CATEGORY, B
   SEISMIC IMPORTANCE FACTOR (I_E), 1.25
   SEISMIC RESPONSE COEFFICIENT (C_S), 0.000
   RESPONSE MODIFICATION COEFFICIENT (R), 3

STRUCTURAL MATERIALS

STRUCTURAL STEEL AND MISCELLANEOUS STEEL
ROLLED STEEL W SHAPES: ASTM A 992
ROLLED STEEL C, MC SHAPES: ASTM A 36
ROLLED STEEL PLATES, BARS, AND ANGLES: ASTM A 36
HOLLOW STRUCTURAL SECTIONS (HSS): ASTM A 500 GRADE B OR C
STEEL PIPE: ASTM A 53, TYPE E OR S, GRADE B
HIGH-STRENGTH BOLTS: ASTM A 325 OR ASTM A 490
SHEAR CONNECTORS: ASTM A 108, GRADES 1010 THROUGH 1020 HEADED-STUD TYPE
UNHEADED ANCHOR RODS: ASTM F 1554
THREADED ANCHORS: ASTM A 36
WELD ELECTRODES: AWS E70XX
FOR CONNECTIONS, PROVIDE HIGHER GRADE OR AS REQUIRED FOR CAPACITY.

FASTENERS
POWDER ACTUATED FASTENERS (PAF): HILTI 0.177 DIA DS/EDS
ADHESIVE ANCHORS (SOLID CONC OR MASONRY): HILTI HIT HY 200

CONCRETE
FOOTINGS, FOUNDATION WALLS, PIERS, GRADE BEAMS, MISC:
28 DAY COMPRESSIVE STRENGTH, f'_c= 3,000 PSI
SLUMP, 3 TO 5 INCHES
AIR ENTRAINMENT, 5 % ± 1 %

INTERIOR SLABS ON GRADE AND SLABS ON DECK:
28 DAY COMPRESSIVE STRENGTH, fc = 3,500 PSI
SLUMP, 3 TO 5 INCHES
AIR ENTRAINMENT, 3 % (MAX). DO NOT ADD AIR ENTRAINING ADMIXTURE. AIR ENTRAINMENT OCCURS AS A RESULT OF MIXING.

SEE SPECIFICATIONS AND NOTES FOR ADDITIONAL INFORMATION.

MASONRY:
CONCRETE BLOCK: ASTM C 90, 2,800 PSI NET COMPRESSIVE STRENGTH, MORTAR - ASTM C 270, TYPE S
UNIT MASONRY: ASTM C 90 CMU, 2,800 PSI NET COMPRESSIVE STRENCTH, MORTAR - ASTM C 270, TYPE S, f'm=2,000PSI
GROUT:ASTM C 476, 2,500 PSI COMPRESSIVE STRENGTH, 8 TO 10 INCH SLUMP

REINFORCING, CONCRETE OR MASONRY: ASTM A 615, GRADE 60

⚠1

GENERAL NOTES:

1. DIMENSIONS TO, OF, AND IN EXISTING STRUCTURE SHALL BE VERIFIED IN FIELD BY CONTRACTOR.
2. DO NOT SCALE DRAWINGS. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES IN DIMENSIONS BETWEEN THE EXISTING CONDITIONS, ARCHITECTURAL DRAWINGS, AND STRUCTURAL DRAWINGS.
3. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
4. SECTIONS, AND DETAILS SHOWN ARE TYPICAL. SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS, UNLESS OTHERWISE INDICATED.
5. THE NOTES ON THIS DRAWING ARE TYPICAL UNLESS OTHERWISE INDICATED.
6. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR DAMAGES WHICH MIGHT BE OCCASIONED BY FAILURE TO EXACTLY LOCATE AND PRESERVE EXISTING UTILITIES.
7. CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF PROPOSED DEVIATIONS OR SUBSTITUTIONS FROM DIMENSIONS, MATERIALS, OR COMPONENTS SHOWN ON THE DRAWINGS AND MAKE ONLY THOSE DEVIATIONS OR SUBSTITUTIONS ACCEPTED BY THE ENGINEER.
8. DO NOT SUSPEND MECHANICAL, ELECTRICAL, OR PLUMBING ITEMS FROM ROOF DECK. REFER TO THE MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR HANGERS AND SUPPLEMENTAL FRAMING REQUIRED TO ATTACH THESE ITEMS TO THE MAIN ROOF FRAMING.
9. BRACE BUILDING UNTIL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: FLOOR DECK, ROOF DECK, SHEAR WALLS, MOMENT FRAMES, BRACING MEMBERS, AND CONNECTIONS.
10. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION SAFETY.
11. REFER TO ARCHITECTURAL DRAWINGS FOR DEMOLITION AND REMOVALS REQUIRED FOR EXISTING CONDITIONS.
12. COORDINATE THE NUMBER AND LOCATION OF ROOF DRAINS AND OPENINGS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
13. COORDINATE STAIRWAYS, DIMENSIONS, AND STAIR OPENINGS WITH ARCHITECTURAL DRAWINGS AND STAIR FABRICATOR SHOP DRAWINGS.

CAST-IN-PLACE CONCRETE NOTES:

1. REINFORCE CONCRETE ELEMENTS INCLUDING FOOTINGS, WALLS, GRADE BEAMS, PIERS, AND SLABS. REINFORCEMENT SHOWN PERTAINS TO TYPICAL CONDITIONS.
2. COORDINATE CONCRETE MIX DESIGNS WITH CONCRETE MIX SCHEDULE AND DESIGN DATA NOTES.
3. LAP SPLICE CONCRETE REINFORCEMENT AS SHOWN IN BAR LAP SPLICE SCHEDULE, UNLESS NOTED OTHERWISE. PROVIDE CLASS B LAP UNLESS NOTED OTHERWISE.
4. PROVIDE CORNER BARS IN CONTINUOUS FOOTINGS, THE SAME SIZE AND NUMBER AS CONTINUOUS REINFORCEMENT. LAP SPLICE WITH MAIN REINFORCEMENT AS SHOWN IN BAR LAP SPLICE SCHEDULE BUT NOT LESS THAN 2'-0".
5. EXTEND WALL FOOTING REINFORCEMENT INTO COLUMN FOOTINGS WITH A MINIMUM EMBEDMENT EQUAL TO THE MINIMUM BAR DEVELOPMENT LENGTH.
6. CAST STEPPED FOOTINGS MONOLITHICALLY.
7. DOWEL CONCRETE WALLS AND PIERS INTO FOOTINGS WITH DOWELS THE SAME SIZE AND SPACING AS VERTICAL REINFORCEMENT. EXTEND DOWELS TO WITHIN 3 INCHES OF BOTTOM OF FOOTING. TERMINATED WITH ACI STANDARD 90 DEGREE HOOK. LAP SPLICE WITH VERTICAL REINFORCEMENT UNLESS NOTED OTHERWISE.
8. CAST CONCRETE PIERS IN CONCRETE WALLS MONOLITHICALLY WITH WALLS.
9. VERIFY SIZE AND LOCATION OF MECHANICAL OPENINGS THROUGH CONCRETE MEMBERS PRIOR TO PLACING CONCRETE. PROVIDE SLEEVE OR CHASE FOR PIPING, CONDUIT, OR DUCT PENETRATIONS. CORE DRILLING IS NOT PERMITTED.
10. DO NOT LOCATE PENETRATIONS FOR THROUGH FOOTINGS. STEP FOOTINGS DOWN AS REQUIRED TO LOCATE PENETRATION IN WALL.
11. DO NOT LOCATE PENETRATIONS THROUGH PIERS, COLUMNS, BEAMS OR GRADE BEAMS UNLESS SHOWN IN DRAWINGS OR ACCEPTED BY ENGINEER.
12. INSTALL EMBEDDED PIPES OR CONDUIT IN STRUCTURAL CONCRETE AS FOLLOWS:
    a. ALUMINUM CONDUITS AND PIPES ARE NOT PERMITTED.
    b. CONDUIT AND PIPE OUTSIDE DIAMETER SHALL NOT EXCEED 1/3 THE THICKNESS OF SLAB, BEAM OR WALL IN WHICH THEY ARE EMBEDDED.
    c. SPACE CONDUIT AND PIPE A MINIMUM OF 3 DIAMETERS (WIDTHS) ON CENTER OR 4 INCHES WHICHEVER IS GREATER.
    d. PROVIDE A MINIMUM OF 1 1/2 INCH COVER FOR CONCRETE EXPOSED TO EARTH OR WEATHER OR 3/4 INCH COVER OTHERWISE, UNLESS NOTED OTHERWISE.
    e. REFER TO ACI 318, SECTION 6.3 FOR ADDITIONAL REQUIREMENTS.
13. CHAMFER EXPOSED CONCRETE CORNERS AND EDGES 3/4 INCH UNLESS NOTED OTHERWISE.
14. CONCRETE COVER FOR REINFORCEMENT SHALL BE AS INDICATED IN CONCRETE COVER SCHEDULE.

SLAB ON GRADE NOTES:

1. SUBGRADE BELOW SLAB ON GRADE SHALL BE REVIEWED AND ACCEPTED BY GEOTECHNICAL ENGINEER BEFORE CONCRETE SLAB PLACEMENT. DO NOT PLACE CONCRETE SLAB UNTIL SUBBASE AND/OR SUBGRADE HAS BEEN TESTED FOR COMPACTION AND RESULTS ARE SATISFACTORY.
2. PROVIDE PROTECTION FROM PRECIPITATION AND EXCESSIVE COLD TEMPERATURES FOR THE VAPOR RETARDER AND SLAB SUBBASE PRIOR TO SLAB-ON-GRADE PLACEMENT. SUBBASE MUST BE DRY AND NOT FROZEN AT THE TIME OF SLAB PLACEMENT.
3. DO NOT PLACE SLABS ON FROZEN GROUND. IF SUBGRADE OR SUBBASE ARE FROZEN AFTER PREPARATION, THEY SHALL BE THAWED THEN RECOMPACTED AND RETESTED FOR COMPACTION PRIOR TO SLAB PLACEMENT, AT THE EXPENSE OF THE CONTRACTOR.
4. PROVIDE PROTECTION FOR THE SLAB ON GRADE FROM DIRECT EXPOSURE TO THE SUN, WIND, PRECIPITATION, AND EXCESSIVE COLD OR HOT TEMPERATURES DURING PLACEMENT AND LASTING UNTIL THE END OF THE CURING PERIOD. DO NOT ALLOW GROUND BENEATH SLABS TO FREEZE ONCE POURED OR TO ACCUMULATE MOISTURE BETWEEN THE SLAB AND VAPOR RETARDER.
5. PRIOR TO SLAB PLACEMENT, SUBMIT FOR INFORMATION ONLY A WRITTEN PROTECTION PROGRAM FOR THE VAPOR RETARDER, SLAB SUBBASE, AND SLAB ON GRADE.
6. SLAB JOINTS ARE REQUIRED WHERE SHOWN ON PLAN. WHERE JOINTS ARE NOT SHOWN, SEE "OPTION FOR SLAB PLACEMENT" IN DIVISION 3 SPECIFICATIONS.
7. PROVIDE A SQUARE EDGE FORM JOINT FOR CONSTRUCTION JOINTS AND SAW-CUT JOINT FOR CONTRACTION JOINTS IN SLABS ON GRADE. SUBMIT JOINT LAYOUT TO THE ENGINEER FOR REVIEW.
8. REINFORCE SLABS AS NOTED ON DRAWINGS. AT PERIMETER OF SLABS, LOCATE REINFORCING 3 INCHES FROM SLAB EDGES. CONTINUE 50 PERCENT OF SLAB REINFORCEMENT THROUGH CONSTRUCTION AND CONTRACTION JOINTS.
9. PROVIDE ONE #4 BAR, 3 FEET LONG, DIAGONAL AT CORNERS AND OPENINGS IN SLABS ON GRADE.
10. THICKEN SLABS ON GRADE TO 8 INCHES, AND REINFORCE AS SHOWN ON DETAIL XX/XX UNDER NONBEARING MASONRY WALLS (6 INCHES THICK OR OVER) WHERE THE WALL HEIGHT EXCEEDS 12 FEET AND UNDER STAIR STRINGER BEARINGS. COORDINATE REQUIRED LOCATIONS WITH ARCHITECTURAL DRAWINGS.
11. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND DETAILS OF DEPRESSED SLABS.
12. VERIFY SIZE AND LOCATION OF PLATFORMS, CURBS, OR PADS WITH MECHANICAL CONTRACTOR.
13. COORDINATE SLOPED SLABS, DRAINS, AND PENETRATIONS THROUGH SLAB WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.
14. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

STRUCTURAL STEEL NOTES:

1. DO NOT BEGIN STEEL ERECTION UNTIL SUPPORTING CONCRETE OBTAINS 75 PERCENT OF THE MATERIAL STRENGTHS NOTED IN DESIGN DATA NOTES.
2. LOCATE ROOFTOP MECHANICAL UNITS AS SHOWN: COORDINATE WITH MECHANICAL DRAWINGS. NOTIFY ENGINEER IF ACTUAL UNIT WEIGHTS EXCEED THE WEIGHTS SHOWN ON DRAWINGS.
3. WHERE BEAM SPACING IS NOT NOTED, SPACE BEAMS EQUALLY BETWEEN COLUMNS OR BETWEEN COLUMNS AND WALLS.
4. MINIMUM CAPACITY OF BEAM CONNECTIONS: FOR CONNECTIONS NOT DETAILED, PROVIDE CONNECTION CAPACITY FOR REACTIONS SHOWN ON DRAWINGS OR, IF NOT SHOWN, BASED ON EITHER ALLOWABLE STRESS DESIGN OR LOAD AND RESISTANCE FACTOR DESIGN AS FOLLOWS:
   A. AT LEAST 50 PERCENT OF THE ALLOWABLE UNIFORM LOAD FROM ALLOWABLE UNIFORM LOAD TABLES IN AISC ASD MANUAL, PART 2, FOR THE GIVEN STEEL MEMBER
   B. AT LEAST 50 PERCENT OF THE MAXIMUM TOTAL FACTORED UNIFORM LOAD FROM MAXIMUM TOTAL FACTORED UNIFORM LOAD TABLES IN AISC LRFD MANUAL, PART 5, FOR THE GIVEN STEEL MEMBER.
   C. FOR BEAMS AND GIRDERS WITH SHEAR CONNECTORS, PROVIDE CONNECTION CAPACITY OF AT LEAST 70 PERCENT OF THE UNIFORM LOAD VALUES (ASD OR LRFD, AS APPROPRIATE), UNLESS INDICATED OTHERWISE ON DRAWINGS.
   D. CONCENTRATED LOADS NEAR SUPPORTS MUST BE ADDED.
5. PROVIDE HOT DIP GALVANIZED FASTENERS FOR GALVANIZED FRAMING CONNECTIONS AND STAINLESS STEEL FASTENERS FOR STAINLESS STEEL FRAMING CONNECTIONS.
6. FABRICATE AND ERECT STEEL IN ACCORDANCE WITH THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.
7. SLOPE ROOF STEEL UNIFORMLY BETWEEN ELEVATIONS SPECIFIED ON PLANS.
8. REMOVE ALL PAINT AND OTHER DEBRIS FROM STEEL PRIOR TO FIELD WELDING TO STRUCTURE. FIELD WELDS AND ADJACENT AREAS SHALL BE FIELD PRIMED AFTER INSPECTED.
9. ALL SAFETY REGULATION AND PRECAUTIONS WITH REGARDS TO FIELD WELDING SHALL BE COMPLIED WITH TO PROTECT EXISTING CONSTRUCTION TO REMAIN, FINISHES, AND ON SITE WORKERS (SCREENS & BARRIERS).
10. WHERE FILLET WELD SIZES ARE NOT SPECIFICALLY NOTED, THE FABRICATOR SHALL DETAIL A MINIMUM SIZE FILLET WELD IN ACCORDANCE WITH AWS STANDARDS. THE ACTUAL SIZES SHALL BE SHOWN ON THE SHOP DRAWINGS.
11. BACKER BARS AT COMPLETE JOINT PENETRATION WELDS MUST BE REMOVED IF "R" IS GREATER THAN 3 OR IF STEEL IS "AESS".
12. CONNECTION DESIGN BY FABRICATOR WILL BE SUBJECT TO REVIEW BY ENGINEER. USE DOUBLE ANGLE SHEAR CONNECTIONS WITH 3/4" DIAMETER ASTM A325 BOLTS WITH AT LEAST THE FOLLOWING NUMBER OF BOLT ROWS:

BEAM SIZE	NUMBER OF BOLT ROWS
W8, W10	2
W12, W14, W16	3
W18, W21, W24	4

13. DO NOT PLACE HOLES THROUGH STRUCTURAL STEEL MEMBERS EXCEPT UNLESS INDICATED IN STRUCTURAL DRAWINGS.
14. BOLTED CONNECTIONS SHALL UTILIZE TYPE 3 ASTM A 325 BOLTS, UNO. ALL CONNECTIONS SHALL BE INSTALLED SNUG TIGHT.
15. REMOVE BURRS, DIRT, AND OTHER FOREIGN MATERIALS FROM FRAYING SURFACES AND SURFACES ADJACENT TO BOLT HEADS AND NUTS. BURRS LESS THAN OR EQUAL TO 1/16" IN HEIGHT ARE PERMITTED TO REMAIN ON FAYING SURFACES.
16. FABRICATE BOLTED CONNECTIONS WITH STANDARD SIZED HOLES, UNLESS NOTED OTHERWISE.
17. COMPLY WITH AISC SPECIFICATIONS FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTED CONNECTIONS.

SHEET LIST

CONCRETE COVER SCHEDULE

LOCATION	COVER
CONCRETE CAST AGAINST AND PERMANENTLY IN CONTACT WITH GROUND	3"
CONCRETE EXPOSED TO WEATHER OR IN CONTACT WITH GROUND	
#6 BARS AND LARGER	2"
#5 BARS AND SMALLER	1 1/2"
CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND	
SLABS, WALLS, JOIST	3/4"
BEAMS, GIRDERS, COLUMNS, AND PIERS	1 1/2"

CLASS B TENSION LAP SPLICE SCHEDULE

BAR SIZE	f'c' =3,000 PSI				BAR SIZE	f'c' = 4,000 PSI			
	TOP BAR		OTHER BAR			TOP BAR		OTHER BAR	
	CASE 1	CASE 2	CASE 1	CASE 2		CASE 1	CASE 2	CASE 1	CASE 2
#3	28	42	21	32	#3	24	36	18	28
#4	37	56	28	43	#4	32	48	25	37
#5	46	69	36	53	#5	40	60	31	46
#6	56	83	43	64	#6	48	72	37	55
#7	81	131	62	93	#7	70	105	54	81
#8	93	139	71	107	#8	80	120	62	92
#9	104	157	80	120	#9	90	136	70	104

1. TABULATED VALUES ARE IN INCHES.
2. TOP BARS ARE HORIZONTAL BARS PLACED WITH MORE THAN 12 INCHES OF FRESH CONCRETE PLACED BELOW THE DEVELOPMENT LENGTH OR SPLICE.
3. CASE 1 APPLIES TO CLEAR SPACING GREATER THAN OR EQUAL TO 2 BAR DIAMETERS AND COVER GREATER THAN OR EQUAL TO 1 DIAMETER.
4. CASE 2 APPLIES TO CLEAR SPACING LESS THAN 2 BAR DIAMETERS AND COVER LESS THAN 1 DIAMETER.
5. FOR VALUES OF COVER AND SPACING BETWEEN TABULATED VALUES USE THE LONGER LAP LENGTH. DO NOT INTERPOLATE.
6. CALCULATE CENTER TO CENTER SPACING OF BARS AT LAP SPLICE LOCATIONS.
7. FOR EPOXY COATED BARS INCREASE THE TABULATED VALUES AS FOLLOWS; TOP BARS MULTIPLY TABULATED VALUE BY 1.3, FOR OTHER BARS MULTIPLY TABULATED VALUE BY 1.5.
8. FOR LIGHTWEIGHT CONCRETE MULTIPLY TABULATED VALUE BY 1.3

CONCRETE MIX

APPLICATION	EXPOSURE	F'c	MAXIMUM W/C RATIO	AIR CONTENT	NOMINAL MAX. AGGREGATE SIZE (NOTE 4)
FOOTINGS	F0	3,000 PSI	SEE NOTE 2	4.5% ± 1.5%	1 INCH
EXT SLAB ON GRADE	F1	4,500 PSI	0.45	4.5% ± 1.5%	1 INCH
SLAB ON GRADE	F0	3,000 PSI	SEE NOTE 2	SEE NOTE 3	1 INCH
FOUNDATION WALLS	F0	3,000 PSI	SEE NOTE 2	4.5% ± 1.5%	3/4 INCH
SITE WALLS	F1	4,000 PSI	0.45	4.5% ± 1.5%	3/4 INCH
SLAB ON DECK	F0	3,500 PSI	SEE NOTE 2	SEE NOTE 3	3/4 INCH
PIERS	F0	3,000 PSI	SEE NOTE 2	4.5% ± 1.5%	3/4 INCH

NOTES:
1. EXPOSURE CATEGORIES AND CLASSES FOR SULFATES, PERMEABILITY AND CORROSION PROTECTION OF REINFORCEMENT IS CLASS ZERO UNLESS NOTED OTHERWISE.
2. WHERE NO MAXIMUM WATER TO CEMENT RATIO IS NOTED, PROPORTION WATER TO CEMENT RATIO FOR SPECIFIED CONCRETE MIX DESIGN STRENGTH.
3. DO NOT AIR ENTRAIN INTERIOR SLABS ON GRADE OR SLABS ON METAL DECK. AIR ENTRAINMENT IS NOT PERMITTED FOR CONCRETE TO RECEIVE HARD TROWEL FINISH AND ENTRAPPED AIR SHALL NOT EXCEED 2%. SLABS SHALL BE FINISHED TO AVOID SURFACE IMPERFECTIONS, INCLUDING BLISTERING AND DELAMINATION.
4. COARSE AGGREGATE SHALL BE ASTM C33 MEETING GRADATION REQUIREMENTS TYPE 57 FOR 1-INCH MAXIMUM AGGREGATE SIZE AND TYPE 67 FOR 3/4-INCH MAXIMUM AGGREGATE SIZE.
5. MAXIMUM CONCRETE UNIT WEIGHT NOT TO EXCEED 150 POUNDS PER CUBIC FEET.

ABBREVIATIONS

ADDL	ADDITIONAL	ENGR	EDGE OF DECK	OPP	OPPOSITE
ADJ	ADJACENT	FD	FLOOR DRAIN	OF	OUSIDE FACE
APPROX	APPROXIMATE	FT	FOOT		
ARCH	ARCHITECTURAL	FDN	FOUNDATION	PL	PLATE
AESS	ARCHITECTURAL EXPOSED STRUCTUAL STEEL	FTG	FOOTING	PAF	POWDER ACTUATED FASTENER
		GALV	GALVANIZED	PE	PROFESSIONAL ENGINEER
B/ , BO	BOTTOM OF	GA	GAUGE	PERP	PERPENDICULAR
BLDG	BUILDING			PLF	POUNDS PER LINEAL FOOT
BLKG	BLOCKING	HSS	HOLLOW STEEL SECTION	PSF	POUNDS PER SQUARE FOOT
BP	BASEPLATE	HORIZ	HORIZONTAL	PSI	POUNDS PER SQUARE INCH
BRG	BEARING	HI	HIGH	PCF	POUNDS PER CUBIC FOOT
BTWN	BETWEEN	HP	HIGH POINT	PC	PRECAST
		HVAC	HEATING, VENTILATION, AIR CONDITIONING	PSL	PARALLEL STRAND LUMBER
CANT	CANTILEVER			PT	PRESSURE TREATED
CIP	CAST IN PLACE	IF	INSIDE FACE		
CJ	CONTROL JOINT	INFO	INFORMATION	R	RADIUS
CL	CENTER LINE	INT	INTERIOR	RD	ROOF DRAIN
CLR	CLEAR	INV	INVERT	RDP	REGISTERED DESIGN PROFESSIONAL
CMU	CONCRETE MASONRY UNIT(S)	K	KIPS	REQD	REQUIRED
COL	COLUMN	KSF	KIPS PER SQUARE FOOT	REINF	REINFORCING
CONC	CONCRETE			REV	REVISION
CONT	CONTINUOUS	L	ANGLE	RO	ROUGH OPENING
CFMF	COLD-FORMED METAL FRAMING	LBS	POUNDS		
		LG	LONG	SIM	SIMILAR
COORD	COORDINATE	LLH	LONG LEG HORIZONTAL	SPA	SPACE
		LLV	LONG LEG VERTICAL	STD	STANDARD
DET	DETAIL	LO	LOW	SF	SQUARE FEET
DIA	DIAMETER	LOC	LOCATION	SS	STAINLESS STEEL
DIM	DIMENSION	LW	LIGHT WEIGHT	STL	STEEL
DN	DOWN	LVL	LAMINATED VENEER LUMBER	SQ	SQUARE
DO	DITTO				
DWLS	DOWELS			THK	THICK
DWG	DRAWINGS	MFR	MANUFACTURER	T/ , TO	TOP OF
		MAX	MAXIMUM	TYP	TYPICAL
EA	EACH	MIN	MIN	T&B	TOP AND BOTTOM
EF	EACH FACE	MECH	MECHANICAL		
ES	EACH SIDE	MISC	MISCELLANEOUS	UNO	THICK
EL	ELEVATION	MO	MASONRY OPENING		
ELEV	ELEVATOR			VERT	VERTICAL
EOS	EDGE OF SLAB	NA	NOT APPLICABLE	VIF	VERIFY IN FIELD
EOD	EDGE OF DECK	NIC	NOT IN CONTRACT		
EQ	EQUAL	NOM	NOMINAL	W	WIDTH, WIDE
EQUIP	EQUIPMENT	NW	NORMAL WEIGHT	W/	WITH
EW	EACH WAY	NS	NEAR SIDE	WD	WOOD
EXIST	EXIST	NTS	NOT TO SCALE	WP	WORK POINT
EXT	EXTERIOR			WWF	WELDED WIRE FABRIC
EIFS	EXTERIOR INSULATION FINISH SYSTEM	OC	ON CENTER	WCJ	WALL CONTROL JOINT
		OD	OUTSIDE DIAMETER		
EXP	EXPANSION	OPNG	OPENING		

REV.	DATE	ITEM
1	12-02-22	ADDENDUM #2

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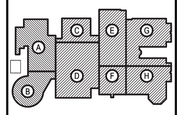

KEY PLAN
NOT TO SCALE

BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVEMENTS
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL
444 PLEASANTVILLE RD, BRIARCLIFF MANOR, NY 10510

PROJECT

DESIGN DATA AND GENERAL NOTES

DWG TITLE

DRAWING BY: AED
CHECK BY: - - -

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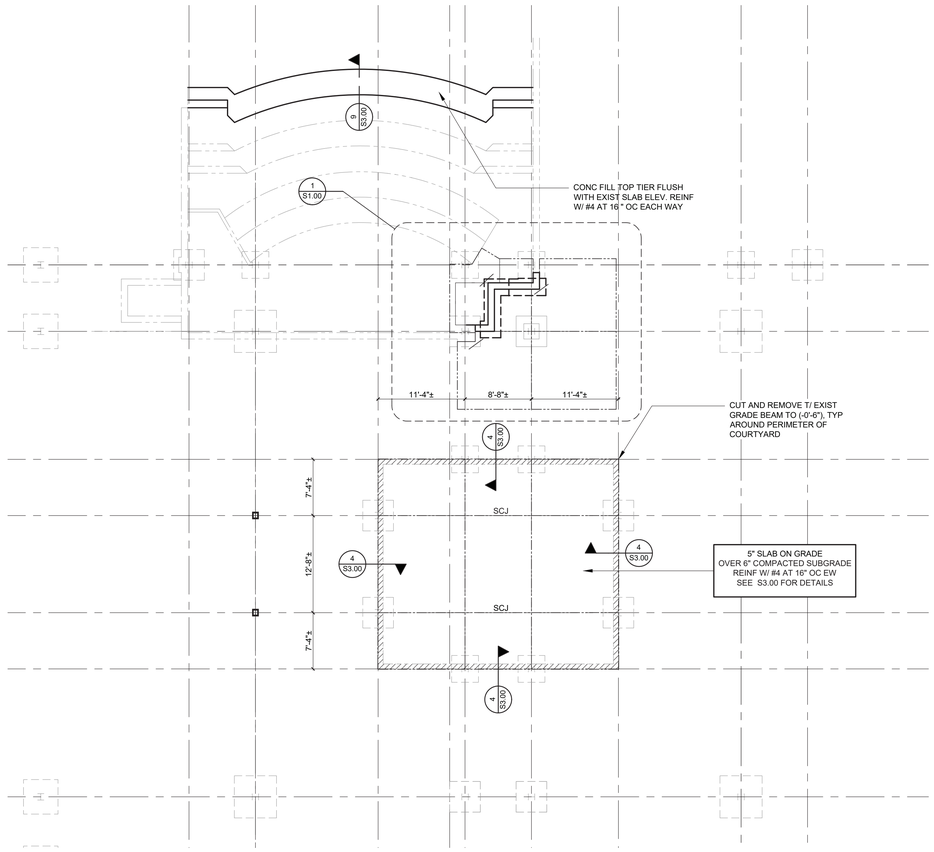
SED No. 66-14-02-02-0-004-023
DISTRICT BRIARCLIFF MANOR UFSD
PROJECT PHASE 2 BOND IMPROVEMENTS
DWG TITLE DESIGN DATA AND GENERAL NOTES

SCALE: AS NOTED
DATE:
BID PICK-UP: 11/14/22
FILE No: 21-274C

S0.01



PARTIAL FOUNDATION PLAN

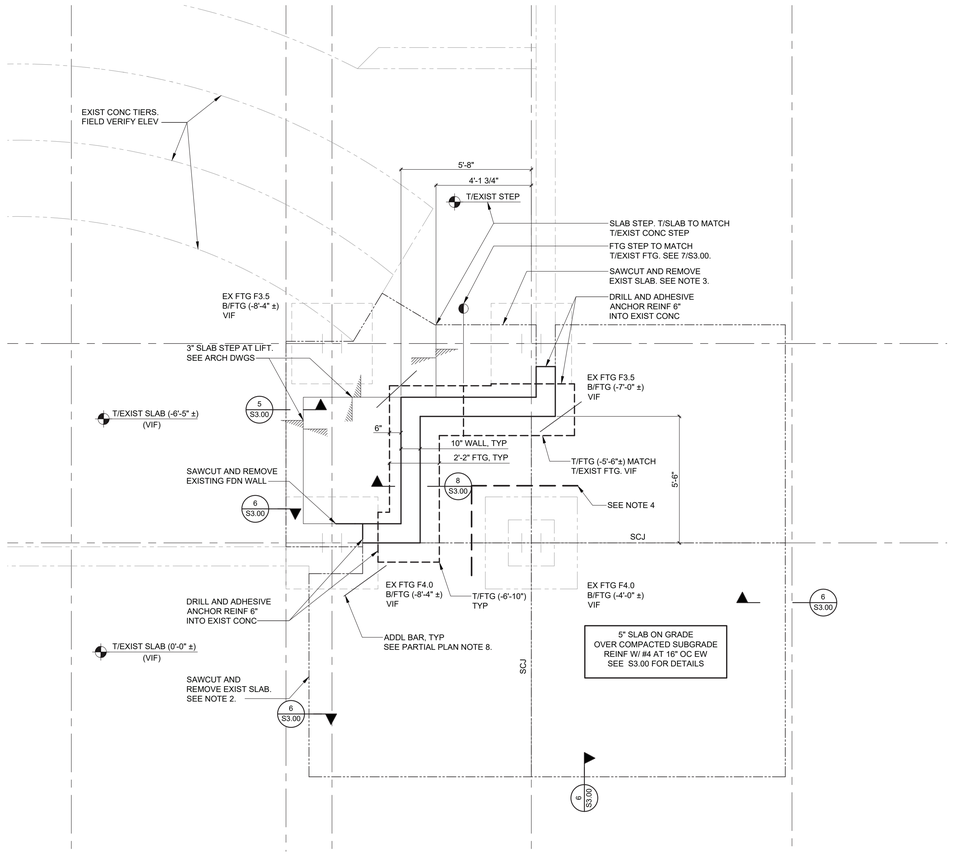
1/8" = 1'-0"

NOTES:
1. T/SLAB ELEVATION (292'-0" ±) EQUALS REFERENCE ELEVATION (0'-0").
2. ELEVATIONS NOTED THUS ( ) ARE WITH RESPECT TO (0'-0").
3. SEE 2/S3.00 AND 3/S3.00 FOR SLAB-ON-GRADE CONSTRUCTION AND CONTRACTION JOINTS.
4. DRILL AND GROUT SLAB REINFORCING 4" INTO EDGE OF EXISTING SLAB AT COURTYARD SLAB INFILL AREA.
5. PROVIDE (1)#4X4'-0" LONG DIAGONAL BAR AT CORNERS AND OPENINGS IN SLABS ON GRADE.
6. SEE S0.01 AND S0.02 FOR ADDITIONAL NOTES.
7. SEE S1.00 FOR FOUNDATION PLAN LEGEND.

NORTH

FOUNDATION PLAN LEGEND

F#	INDICATES FOOTING TYPE OR DESIGNATION.
P#	INDICATES PIER TYPE OR DESIGNATION. SEE DRAWING 1/S302 FOR PIER DETAILS.
HIGH / LOW	INDICATES STEPPED FOOTING LOCATION AND ASSOCIATED T/FOOTING ELEVATIONS.
	INDICATES TOP OF CONCRETE WALL TO BE REMOVED TO (-0'-6") BELOW TOP OF EXISTING SLAB. SEE DETAIL 4/S3.00 FOR ADDITIONAL INFORMATION.
SCJ	INDICATES SLAB CONTROL OR CONTRACTION JOINT LOCATION. VERIFY AND COORDINATE LOCATIONS WITH ARCHITECTURAL DRAWINGS. SEE TYPICAL DETAILS ON DRAWING S300 FOR MORE INFORMATION.



NORTH

1 PARTIAL FOUNDATION PLAN AT LIFT
S1.00 SCALE: 3/8" = 1'-0"

NOTES:
1. SEE PARTIAL FOUNDATION PLAN NOTES THIS DRAWING FOR ADDITIONAL INFORMATION.
2. SAWCUT AND REMOVE AS REQUIRED TO LAYBACK EXCAVATION AND INSTALL RETAINING WALLS AND FOOTINGS. DO NOT UNDERMINE EXISTING SLAB. REPLACE SLAB ON GRADE AFTER FOUNDATION WORK IS COMPLETE.
3. SAWCUT AND REMOVE LOWER AMPHITHEATER SLAB FOR LIFT INSTALLATION. COORDINATE EXTENT WITH ARCHITECTURAL DRAWINGS.
4. PROVIDE EXCAVATION SHORING OR SHEETING AS REQUIRED TO PREVENT UNDERMINING EXISTING FOOTING.

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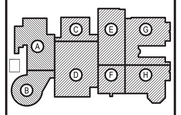

KEY PLAN
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PHASE 2 BOND IMPROVEMENTS
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PROJECT

PARTIAL FOUNDATION PLAN

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SED No.	66-14-02-02-0-004-023
DISTRICT	BRIARCLIFF MANOR UFSD
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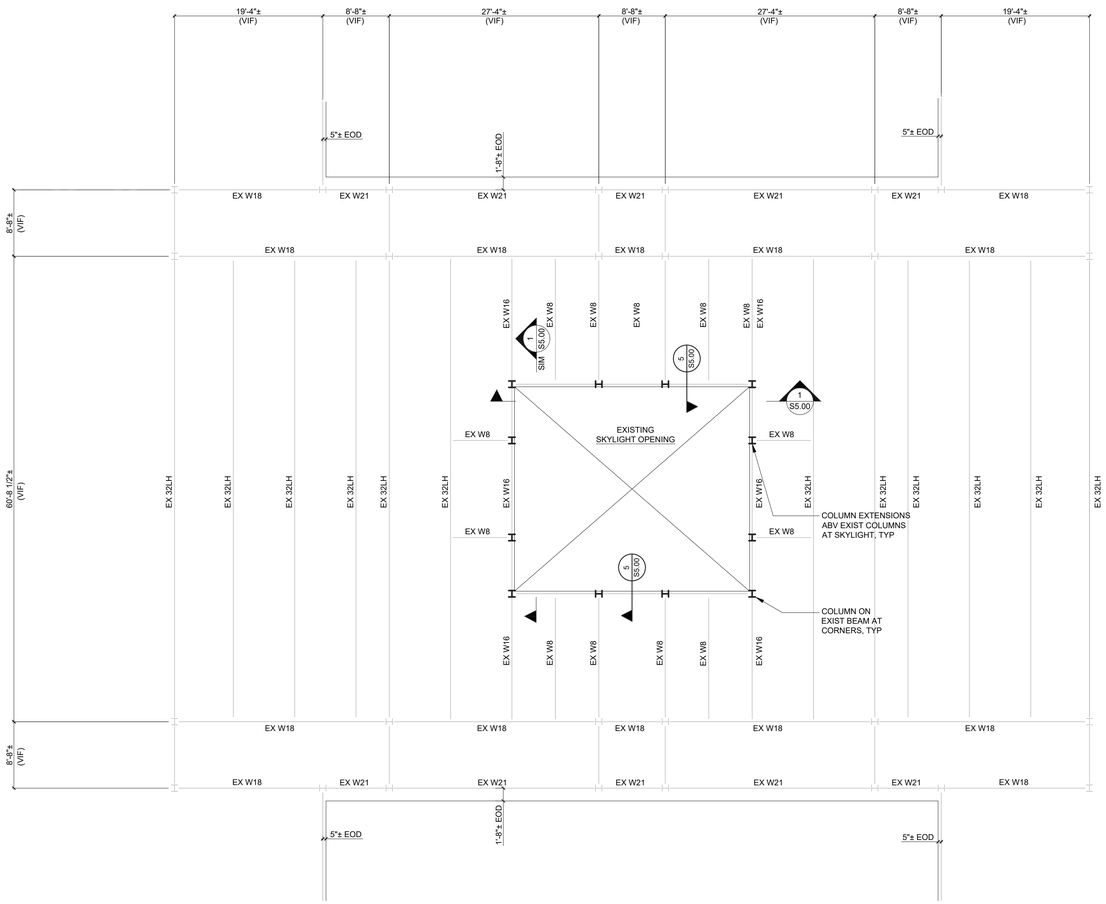
S1.00



PARTIAL ROOF FRAMING PLAN AT SKYLIGHT

1/8" = 1'-0"

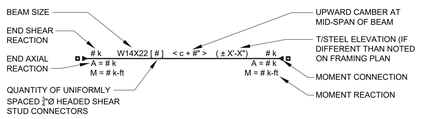
NORTH

NOTES:

1. T/STEEL (B/DECK) ELEVATION AT HIGH POINT (+24'-11 3/8") ABOVE REFERENCE ELEVATION (0'-0") UNLESS NOTED OTHERWISE.
2. ELEVATIONS NOTED (+/- X'-X") ARE IN REFERENCE TO THE SPECIFIED T/STEEL (B/DECK) ELEVATION.
3. COLUMN EXTENSIONS ABOVE ROOF ARE W8X24, TYPICAL UNLESS NOTED OTHERWISE. ORIENT COLUMN TO MATCH EXISTING COLUMN ORIENTATION. FIELD VERIFY.
4. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS INCLUDING EXISTING STRUCTURAL MEMBER LOCATIONS, ORIENTATIONS, AND SIZES.
5. SEE S01.01 AND S01.02 FOR ADDITIONAL NOTES.

EOD	INDICATES THE EDGE OF DECK.
RD	INDICATES LOCATIONS AND DIRECTION OF SPAN FOR METAL ROOF DECK.
SLOPE	SPECIFIES DIRECTION OF DOWNWARD ROOF DECK SLOPE.
RD	INDICATES ROOF DRAIN. PROVIDE METAL DECK EDGE SUPPORT FRAMING AT PERIMETER. SEE ROOF OPENING FRAMING DETAIL FOR MORE INFORMATION. COORDINATE ALL LOCATIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
	INDICATES LOCATION OF ROOF OPENING. PROVIDE EDGE SUPPORT FRAMING AT PERIMETER (TYP UNO). SEE ROOF OPENING FRAMING DETAIL FOR INFORMATION. COORDINATE ALL LOCATIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
MC-X	DESIGNATES LOCATION AND TYPE OF MOMENT CONNECTION

FRAMING PLAN LEGEND

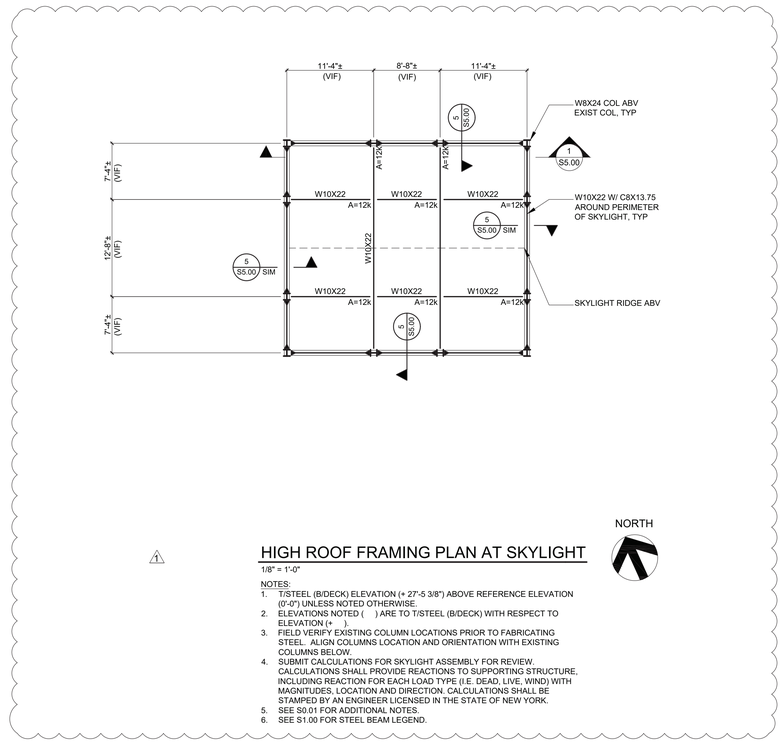


BEAM LEGEND SCHEMATIC

NOT TO SCALE

LEGEND NOTES:

1. REFER TO THE NOTES DRAWING S01.01 FOR CONNECTION DESIGN CRITERIA WHERE LOADS AND MOMENTS ARE NOT SHOWN.
2. LOADS AND MOMENTS SHOWN ARE LRFD (FACTORED DESIGN) UNLESS NOTED OTHERWISE. LOADS INDICATED ON ONE END ONLY APPLIES TO BOTH ENDS OF BEAM, TYPICAL



HIGH ROOF FRAMING PLAN AT SKYLIGHT

1/8" = 1'-0"

NORTH

NOTES:

1. T/STEEL (B/DECK) ELEVATION (+ 27'-5 3/8") ABOVE REFERENCE ELEVATION (0'-0") UNLESS NOTED OTHERWISE.
2. ELEVATIONS NOTED ( ) ARE TO T/STEEL (B/DECK) WITH RESPECT TO ELEVATION (+).
3. FIELD VERIFY EXISTING COLUMN LOCATIONS PRIOR TO FABRICATING STEEL. ALIGN COLUMNS LOCATION AND ORIENTATION WITH EXISTING COLUMNS BELOW.
4. SUBMIT CALCULATIONS FOR SKYLIGHT ASSEMBLY FOR REVIEW. CALCULATIONS SHALL PROVIDE REACTIONS TO SUPPORTING STRUCTURE, INCLUDING REACTION FOR EACH LOAD TYPE (I.E. DEAD, LIVE, WIND) WITH MAGNITUDES, LOCATION AND DIRECTION. CALCULATIONS SHALL BE STAMPED BY AN ENGINEER LICENSED IN THE STATE OF NEW YORK.
5. SEE S0.01 FOR ADDITIONAL NOTES.
6. SEE S1.00 FOR STEEL BEAM LEGEND.

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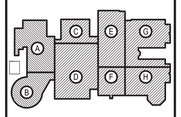

KEY PLAN

NOT TO SCALE

BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVEMENTS
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL
444 PLEASANTVILLE RD, BRIARCLIFF MANOR, NY 10510

PROJECT

PARTIAL ROOF FRAMING PLAN AND HIGH ROOF FRAMING PLANS

DWG TITLE

DRAWING BY: AED

CHECK BY: ...

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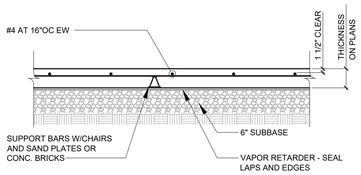
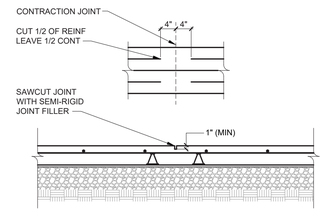
SED No.	66-14-02-02-0-004-023
DISTRICT	BRIARCLIFF MANOR UFSD
PROJECT	PHASE 2 BOND IMPROVEMENTS
DWG TITLE	PARTIAL ROOF FRAMING AND HIGH ROOF FRAMING PLANS
SCALE:	AS NOTED
DATE:	
BID PICK-UP:	11/14/22
FILE No:	21-274C

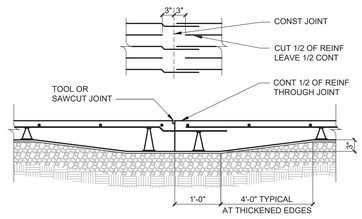
S1.01



1 S3.00 SLAB ON GRADE TYPICAL SECTION
SCALE: 3/4" = 1'-0"



2 S3.00 SLAB ON GRADE TYPICAL CONTRACTION JOINT
SCALE: 3/4" = 1'-0"



3 S3.00 SLAB ON GRADE TYPICAL CONSTRUCTION JOINT
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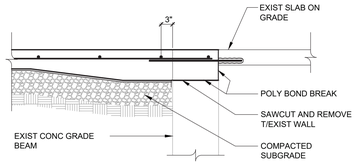
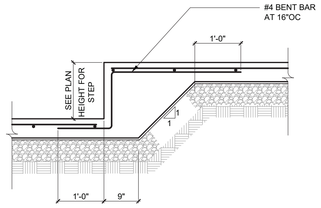


4 S3.00 SECTION AT EXISTING GRADE BEAM
SCALE: 3/4" = 1'-0"



5 S3.00 SLAB ON GRADE STEP
SCALE: 3/4" = 1'-0"

6 S3.00 SECTION AT EXIST SLAB ON GRADE
SCALE: 3/4" = 1'-0"

7 S3.00 TYPICAL FOOTING STEP DETAIL
NOT TO SCALE

NOTE: USE THIS DETAIL FOR FOOTINGS WITH DOUBLE MAT REINFORCING. LAPS ARE CLASS B BUT NOT LESS THAN 2'-0".

8 S3.00 SECTION AT INTERIOR RETAINING WALL
SCALE: 1/2" = 1'-0"

9 S3.00 SECTION AT EXISTING TIERED SLAB INFILL
SCALE: 3/4" = 1'-0"

REV.	DATE	ITEM
1	12-02-22	ADDENDUM #2

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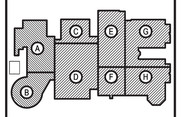

KEY PLAN
NOT TO SCALE

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BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVEMENTS
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL
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DWG TITLE
CONCRETE SECTIONS AND DETAILS

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SED No.	66-14-02-02-0-004-023
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DWG TITLE	CONCRETE SECTIONS AND DETAILS
SCALE:	AS NOTED
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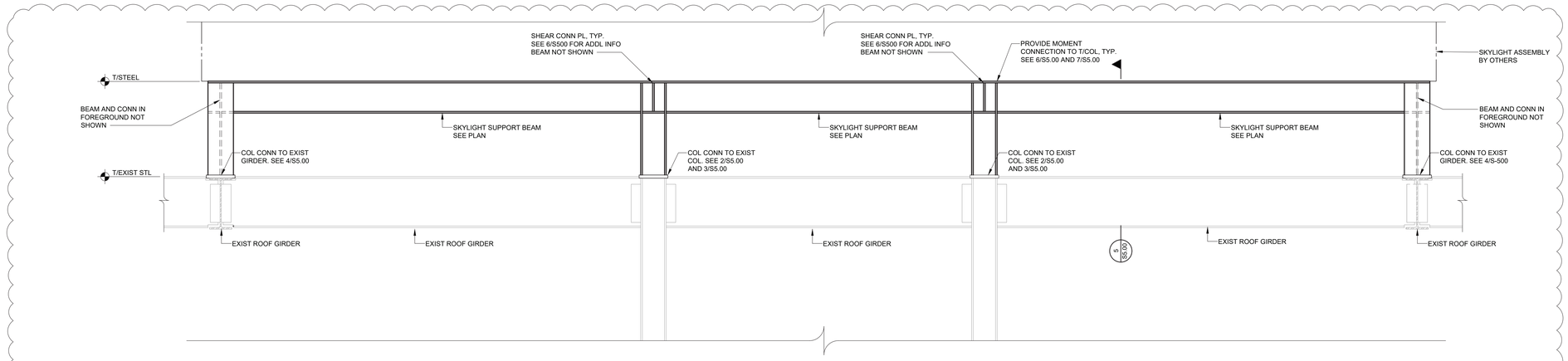
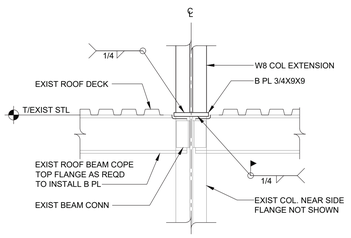
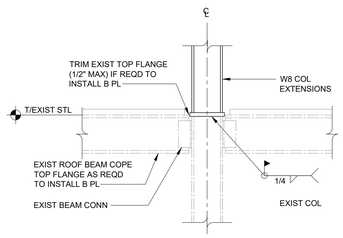
S3.00



1 S5.00 SCHEMATIC FRAMING ELEVATION AT SKYLIGHT
SCALE: 3/4" = 1'-0"



2 S5.00 CONNECTION DETAIL AT EXISTING COLUMN
SCALE: 3/4" = 1'-0"



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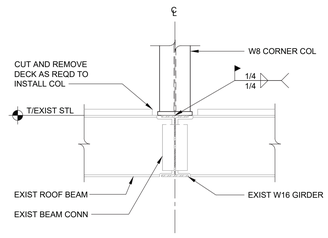
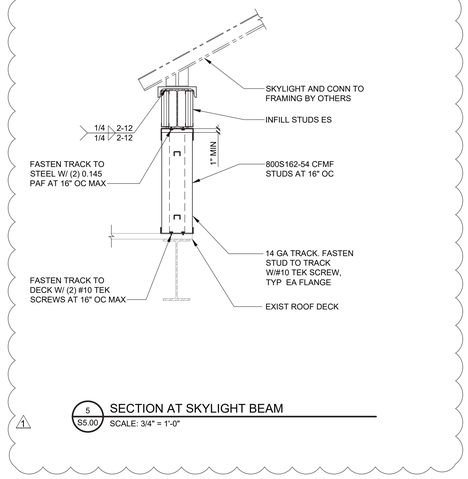
SCALE: 3/4" = 1'-0"

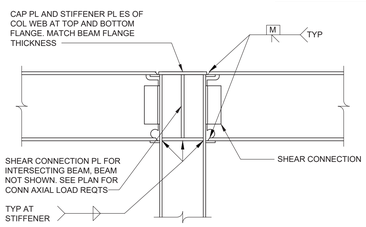


4 S5.00 SECTION AT CORNER COLUMMS
SCALE: 3/4" = 1'-0"

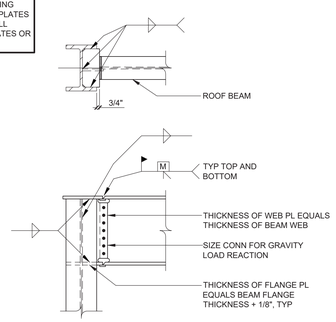


1 5 S5.00 SECTION AT SKYLIGHT BEAM
SCALE: 3/4" = 1'-0"

NOTE: FABRICATOR HAS OPTION TO USE ALTERNATE MOMENT CONNECTION. SUBMIT DETAIL FOR REVIEW AND ACCEPTANCE PRIOR TO SUBMITTING SHOP DWGS. IF BOLTED FLANGE PLATES ARE PROPOSED, SUBMITTAL SHALL INCLUDE FLANGE EXTENSION PLATES OR ANGLES FOR DECK SUPPORT



6 S-500 MOMENT CONNECTION AT COLUMN
SCALE: 3/4" = 1'-0"



7 S-500 MOMENT CONNECTION DETAIL AT COLUMN
SCALE: 3/4" = 1'-0"

REV.	DATE	ITEM
1	12-02-22	ADDENDUM #2

NOTICE

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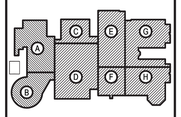

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NOT TO SCALE

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PHASE 2 BOND IMPROVEMENTS
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL
444 PLEASANTVILLE RD, BRIARCLIFF MANOR, NY 10510

PROJECT

STEEL SECTIONS AND DETAILS

DWG TITLE

DRAWING BY: AED
CHECK BY: . . .

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SED No. 66-14-02-02-0-004-023
DISTRICT BRIARCLIFF MANOR UFSD
PROJECT PHASE 2 BOND IMPROVEMENTS
DWG TITLE STEEL SECTIONS AND DETAILS
SCALE: AS NOTED
DATE:
BID PICK-UP: 11/14/22
FILE No: 21-274C

S5.00

ELECTRICAL CONSTRUCTION NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NEC, APPLICABLE LOCAL CODES, STATE CODES, SCHOOL WORKING RULES AND SCHEDULE DIRECTIVES, AND THE ENGINEER'S SPECIFICATIONS.
2. THE DRAWINGS SHOW SCHEMATICALLY, THE APPROXIMATE LOCATION OF ALL EQUIPMENT, CONDUITS, DEVICES, ETC. THE EXACT LOCATION OF WHICH SHALL BE SUBJECT TO APPROVAL BY THE ARCHITECT/OWNER WHO RESERVES THE RIGHT TO MAKE PRIOR TO INSTALLATION, ANY REASONABLE CHANGES IN LOCATION INDICATED WITHOUT EXTRA COST TO THE OWNER. CONTRACTOR SHALL VERIFY ALL INDICATED OR APPROXIMATED DIMENSIONS DRAWN OR DENOTED.
3. DIVISION 16 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/SPECIFICATIONS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO ARCHITECT/ENGINEERS ATTENTION BEFORE BID SUBMITTAL.
4. DIVISION 16 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.
5. DIVISION 16 CONTRACTOR SHALL PROVIDE ALL ELECTRICAL HARDWARE SHOWN ON THESE DRAWINGS AND RELATED DETAIL MATERIALS NOT SPECIFICALLY SHOWN OR SPECIFIED.
6. DIVISION 16 CONTRACTOR SHALL PAY ANY FEES APPLICABLE TO ELECTRICAL WORK, SUCH AS, BUT NOT LIMITED TO, THE POWER COMPANY, TELEPHONE COMPANY, CATV, CERTIFIED ELECTRICAL INSPECTORS, ALARM AND FIRE PROTECTION COMPANIES.
7. THE DIVISION 16 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.
8. ALL WORK SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND DIRECTIVES OF THE SCHOOL DISTRICT BUILDINGS AND GROUNDS DEPARTMENT.
9. ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR WHO SHALL OBTAIN AN INSPECTION CERTIFICATE AND PAY ASSOCIATED FEE. SUBMIT A PHOTOCOPY OF THIS CERTIFICATE TO THE ENGINEER WITH FINAL PAYMENT APPLICATION.
10. DIVISION 16 CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND THEIR INSTALLATION TO BE FREE OF DEFECTS FOR A PERIOD AS DEFINED IN SECTION 1700 OF THE PROJECT MANUAL.
11. A COMPLETE SYSTEM OF WIRING, WITH ALL FEEDERS, MAINS, AND BRANCHES AS SHOWN ON THE DRAWINGS, SHALL BE FURNISHED AND INSTALLED FROM THE MAIN DISTRIBUTION BOARD TO THE PANELS OUTLETS, MOTORS, AND APPURTENANCES.
12. 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.
13. FURNISH AND INSTALL ALL WIRING OF ANY VOLTAGE OR PURPOSE AS SHOWN ON THE DRAWINGS.
14. ALL BRANCH CIRCUITS SHALL HAVE INDIVIDUAL NEUTRALS. SHARING COMMON NEUTRALS AMONG BUNDLED CIRCUITS IS SPECIFICALLY DISALLOWED UNLESS OTHERWISE NOTED.
15. 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.
16. FURNISH AND INSTALL ALL DISCONNECT DEVICES AND SAFETY SWITCHES AS SHOWN ON THE DRAWINGS AND/OR AS REQUIRED TO CONFORM WITH REQUIREMENTS.
17. FURNISH AND INSTALL ALL INDICATED LIGHTING FIXTURES AND MOUNTING HARDWARE AS REQUIRED FOR A COMPLETE INSTALLATION.
18. DIVISION 16 CONTRACTOR SHALL PROVIDE TO SCHOOL 5 PERCENT SPARE LAMPS (MINIMUM QUANTITY 1) OF EACH TYPE SPECIFIED WITH NEW FIXTURES.
19. 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.
20. ALL WIRING TO BE 1#12+1#12(N)+1#12(G)-3/4"C., OR STEEL JACKETED MC CABLE (WHERE CODE PERMITTED), UNLESS OTHERWISE SPECIFIED ON DRAWINGS. RUN BRANCH CIRCUITS IN DROPPED CEILINGS, VOIDS, & CHASES. CONDUITS MAY BE SURFACE MOUNTED IN MECHANICAL SPACES UNLESS OTHERWISE NOTED. CONDUITS IN PUBLIC AREAS SHALL BE CONCEALED IN HUNG CEILINGS, EMBEDDED IN SLAB OR MASONRY WALLS, EXCEPT WHERE SURFACE MOUNTED RACEWAY IS SPECIFIED. ALUMINUM JACKETED MC CABLE IS NOT ACCEPTABLE.
21. ALL CONNECTIONS AND/OR SPLICES SHALL BE MADE ONLY IN ACCESSIBLE JUNCTION BOXES.
22. ALL COUPLINGS AND CONNECTORS FOR USE WITH EMT SHALL BE COMPRESSION TYPE. SET SCREW TYPE OR INDENT TYPE FITTINGS WILL NOT BE ACCEPTED.
23. ALL CONNECTIONS TO CONDUIT RUN UNDERGROUND SHALL BE MADE WATERTIGHT. ALL METALLIC CONDUIT INSTALLED IN EARTH FILL, AS WELL AS UNDERGROUND, SHALL BE PAINTED WITH (2) COATS OF ASPHALTUM PAINT OR EQUAL.
24. WIRING INSTALLED IN CEILINGS SHALL BE HUNG INDEPENDENT OF CEILING SYSTEM AND SECURELY TIED TO BUILDING STEEL.
25. ALL LOW VOLTAGE (FIRE ALARM, PA INTERCOM, PHONE, DATA, ETC.) WIRING INSTALLED IN OPEN AREAS SHALL BE IN METALLIC 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.
26. CONDUITS SHALL BE SECURED IN PLACE AND PROTECTED WHERE NECESSARY TO PREVENT DAMAGE DURING CONSTRUCTION.
27. FURNISH AND INSTALL ALL HARDWARE TO PROPERLY SUPPORT ALL CONDUITS NOT INSTALLED IN CONCRETE SLABS OR UNDERGROUND.
28. ALL CONDUITS OR MC CABLE SHALL BE EQUIPPED WITH AN INSULATING/CHAFE GUARD GROMMET AT WIRE EXIT/ENTRANCE. MC CABLE SHALL USE MC STYLE BUSHINGS. BX OR OTHER BUSHINGS ARE SPECIFICALLY DISALLOWED.
29. WHERE AN EXISTING CONDUIT OR CABLE IS REQUIRED TO BE REMOVED BUT SERVES AND EXISTING PIECE OF EQUIPMENT WHICH IS TO REMAIN OPERABLE, THE DIVISION 16 CONTRACTOR SHALL REROUTE SAID CONDUIT OR CABLE OR PROVIDE A NEW SOURCE OF POWER (APPROVED BY ENGINEERING) TO THIS EQUIPMENT AS A PART OF THIS CONTRACT.
30. ALL PANELS, SWITCHES, DISCONNECT STARTERS, OR OTHER ELECTRIC SYSTEM CONTROLS SHALL BE STENCILED WITH THEIR APPROPRIATE DESIGNATION/FUNCTION. ALL CIRCUIT BREAKERS SHALL BE IDENTIFIED BY A PANEL SCHEDULE OR STENCIL ADJACENT TO THE CIRCUIT BREAKER.
31. ALL CIRCUIT BREAKERS POSITIONS IN ALL PANELS ARE SHOWN FOR ESTIMATE PURPOSES ONLY. EC IS RESPONSIBLE FOR LOAD BALANCING.
32. ALL DEVICES SHALL BE FASTENED IN PLACE SECURELY. GRID MOUNTING LIGHTING FIXTURES SHALL BE SECURED TO GRID WITH CLIPS LISTED FOR THE PURPOSE OR SUSPENDED FROM STRUCTURE PER NEC.
33. 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 SCHOOL.
34. WHERE THE DIVISION 16 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 DIVISION 16 CONTRACTOR SHALL REMOVE (3) ADJACENT 1P CIRCUIT BREAKERS AND PROVIDE A 3P, 60A BREAKER IN THEIR PLACE FOR SUB FEED TO A SURFACE MOUNTED 1OOA,3~,4W,24 POLE SUB PANEL AND ESTABLISH OVERFLOW CIRCUITS IN NEW SUB PANEL, EACH WITH REQUIRED CIRCUIT BREAKERS. PROVIDE (3) 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#6(N)+1#10(G)-1"C.
35. SELECTED RECEPTACLES AS SHOWN ON DRAWINGS MAY BE GFI PROTECTED BY CONNECTING TO GFCI RECEPTACLE FIRST IN CIRCUIT. ALL RECEPTACLES THAT ARE PROTECTED FROM AN UPSTREAM GFCI UNIT SHALL BE VISABLY LABELED AS SUCH. GFCI RECEPTACLE SHALL BE SPEC GRADE AND RATED 20A, WITH OPERATING NOTIFICATION INDICATING LIGHT.
36. ALL DEVICES ADDRESSED BY ADA REGULATIONS SHALL BE INSTALLED AT ADA COMPLIANT HEIGHT AND LOCATIONS.
37. ALL NEW LIGHTING OR EXISTING LIGHTING HAVING SWITCHING REARRANGEMENT SHALL BE EQUIPPED WITH CODE COMPLIANT ENERGY CONSERVATION CONTROLS. SUCH CONTROL SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
38. 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.
39. EC SHALL PROVIDE & WIRE WEATHERPROOF GFCI RECEPTACLES ON ALL APPLICABLE ROOFTOP UNITS AS PART OF HIS BID. SEE MECHANICAL EQUIPMENT SCHEDULES FOR UNITS WITH SERVICE RECEPTACLES FACTORY INSTALLED.
40. 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 DIVISION 16 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 DIVISION 16 CONTRACTOR SHALL REFER TO THE MECHANICAL DRAWINGS, EQUIPMENT SCHEDULES & NOTES AND INCLUDE IN HIS BID PRICE ALL ELECTRICAL WORK ASSOCIATED WITH THEIR INSTALLATION, .AND THE REMOVAL OF ANY STARTERS/DISCONNECTS NO LONGER REQUIRED.
41. DUCT SMOKE DETECTORS SHALL BE FURNISHED BY THE DIVISION 16 CONTRACTOR AND INSTALLED BY MECHANICAL CONTRACTOR.

LINE DESIGNATIONS

——	EXISTING TO REMAIN DEVICES
——	DEVICES TO BE REMOVED. PULL BACK ALL ASSOCIATED CONDUIT AND WIRING AND REMOVE UNLESS OTHERWISE NOTED ON THE PLANS.
——	NEW DEVICES
——○	CONDUIT DOWN
——○	CONDUIT UP

DEMOLITION NOTES:

1. THE ITEMS SPECIFICALLY SHOWN ON DEMOLITION DRAWING/S ARE TO BE ADDRESSED BY THE ELECTRICAL CONTRACTOR. THE ITEMS ARE TO BE TREATED AS NOTED AND RANGE FROM DIRECT REMOVAL AND DISPOSAL, OR REMOVAL, STORAGE, AND REINSTALLATION/RELOCATION, OR TEMPORARY REMOVE/STORAGE, AND REINSTALLATION IN SAME LOCATION.
2. MANY OTHER ELECTRIC ITEMS EXIST THAT ARE NOT SHOWN INCLUDE, BUT ARE NOT LIMITED TO, SWITCHES, RECEPTACLE, FLOOR OUTLETS, LOW VOLTAGE JACKS, LOW VOLTAGE DEVICES AND WIRING, TELEPHONE PUNCH DOWN BLOCKS, AND OUT OF SERVICE ITEMS. ALL SUCH ITEMS SHALL BE PERMANENTLY DE-ENERGIZED, DISCONNECTED, AND OTHERWISE MADE SAFE FOR DEMOLITION BY NON-ELECTRIC DEMOLITION WORKERS. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ASSURING THAT ALL ELECTRIC DEVICES, OF ANY VOLTAGE OR FUNCTION, THAT ARE TO BE DEMOLISHED ARE SAFE AND ADVISE THE DEMOLITION CONTRACTOR WHEN THIS IS SO.
3. AFTER THE ELECTRICAL CONTRACTOR HAS DISCONNECTED ELECTRIC SUPPLIES TO ITEMS TO BE DEMOLISHED, HE SHALL ADVISE THE GENERAL CONTRACTOR OF ANY ELECTRIC 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 ELECTRIC ITEMS, OF ANY VOLTAGE OR PURPOSE.
4. THE SPECIAL/SPECIFIC ITEMS SHOWN ON THE DRAWING FOR ELECTRICAL CONTRACTOR TO ACT ON WERE FOUND BY SURVEY. NUMEROUS LOCATIONS WERE BLOCKED BY FURNITURE, ETC. AND ADDITIONAL EQUAL TYPE ITEMS MAY BE PRESENT. THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR THIS IN HIS BID PRICE AND ATTEND TO THOSE EQUAL OR SIMILAR DEVICES AS MAY BE DISCOVERED.
5. REMOVAL ITEMS THAT ARE LISTED AS TO BE TURNED OVER TO OWNER'S INVENTORY SHALL BE DISCUSSED WITH THE DISTRICT BUILDINGS AND GROUNDS MANAGER. THOSE ITEMS THAT THE OWNER DECLINES SHALL THEN BE DISPOSED OF BY THE CONTRACTOR IN THE MANOR OF OTHER PERMANENT REMOVALS. ANY PCB BEARING FLUORESCENT FIXTURES SHALL BE DISPOSED OF PER REGULATIONS.
6. RETAIN EXISTING RECEPTACLES IN WALLS THAT WILL NOT BE IN CONFLICT 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.
7. LIGHT FIXTURES ARE TO BE REMOVED AS GENERAL, NON ELECTRIC, CONTRACTOR DEMOLITION. DIVISION 16 CONTRACTOR RESPONSIBLE TO SAFE OFF LIGHTUING 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.
8. 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.
9. IT IS EXPECTED THAT STRUCTURAL DEMOLITION BY THE GENERAL CONTRACTOR WILL CAUSE VARIOUS ELECTRIC 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 ELECTRIC 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 NOMINALLY NOT IN CONTRACT. SUCH RESTORATION OF SERVICE, IF NEEDED, IS SPECIFICALLY IN THE ELECTRICAL CONTRACTOR'S CONTRACT.
10. 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 OWNER.
11. ALL SYSTEM 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 OF ALL PREVIOUSLY TESTED SYSTEM COMPONENTS AFTER ALL WORK BY ALL TRADES HAS BEEN COMPLETED, AND ALL SYSTEM COMPONENTS 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, WIRING 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.

ABBREVIATIONS

E, EX	EXISTING
ETR	EXISTING TO REMAIN
PSEGLI	PSE&G LONG ISLAND (UTILITY CO.)
SM, S.M.	SURFACE MOUNTED
U.O.N.	UNLESS OTHERWISE NOTED
EC, E.C.	ELECTRICAL CONTRACTOR
GC, G.C.	GENERAL CONTRACTOR
MC, M.C.	MECHANICAL CONTRACTOR
PC, P.C.	PLUMBING CONTRACTOR
TYP.	TYPICAL
REQ'D	REQUIRED
O.C.	ON CENTER
CKT	CIRCUIT
AFF	AWAY FROM FLOOR
CB	CIRCUIT BREAKER
REC.	RECEPTACLE
ACT	ABOVE COUNTERTOP

TEMPORARY POWER CONSTRUCTION NOTES:

1. THE DIVISION 16 CONTRACTOR SHALL PROVIDE TEMPORARY POWER AND LIGHT IN THE NEW AREAS 'D', AND 'E' AND THE RECONSTRUCTED AREAS OF THE EXISTING BUILDING.
2. ALL TEMPORARY POWER PANELS AND FUSED SWITCHES OUTSIDE SHALL BE NEMA 3R CONSTRUCTION AND LOCKABLE. ALL OUTSIDE RECEPTACLES SHALL BE WATERPROOF AND HAVE A COVER THAT ENCLOSES THE PLUGGED IN CORDS WHILE IN SERVICE AS INTERMATIC WP120C. NON-WATERPROOF GEAR IN A HOUSING IS NOT ACCEPTABLE.
3. 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.
4. 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 ON CAGE/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 130 VOLT, ROUGH SERVICE RATED. TEMPORARY LIGHTS SHALL BE TO OSHA STANDARDS. ALTERNATE FIXTURES SHALL BE 400W CONSTRUCTION SITE STYLE
5. PROVIDE HOOK UPS TO JOB TRAILER FOR ALL TRADES. USE SITE POWER AS SOURCE. OWNER PAYS FOR POWER CONSUMPTION.
6. WIRING SHALL BE 1#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.
7.
8. THE DIVISION 16 CONTRACTOR SHALL PREPARE EACH PANEL SCHEDULE.
9. 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.
10. ALL WIRING SHALL BE INSTALLED SO AS NOT TO CAUSE TRIPPING HAZARD OR SIMILAR OBSTRUCTION.
11. 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.
12. 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.
13. 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 OWNER'S PROPERTY AFTER PROJECT IS COMPLETE. INCLUDE STATEMENT OF REMOVAL WITHIN CLOSE OUT DOCUMENTS, REQUIRED FOR FINAL PAYMENT.
14. PROVIDE THE TEMPORARY ELECTRICAL SERVICE TO THE CONSTRUCTION TRAILERS SHALL BE AS PER USERS REQUIREMENTS OF THE TRADES. TEMPORARY SERVICES ARE REQUIRED PER SPECIAL CONDITIONS OF THE PROJECT.
15. ALL TEMPORARY POWER WORK SHALL BE COORDINATED WITH THE CONSTRUCTION MANAGER SPECIAL EMPHASIS SHALL BE EXERCISED FOR TERRAZZO MACHINES AND ITS ELECTRICAL REQUIREMENT.

FIRE STOP NOTES:

1. ALL CONDUIT AND CABLE PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS OR OTHER STRUCTURES SHALL BE FIRE STOPPED.

2. 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-618 PUTTY STICK, OR FS-635 TROWEL ABLE COMPOUND, AS SUITABLE.

3. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF PRODUCTS SPECIFIED OR EQUAL.

4. 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.

5. ALL SYSTEMS SHALL HAVE THEIR OWN SLEEVE THROUGH FIRE RATED WALLS. IE FIRE ALARM, PUBLIC ADDRESS, TELEPHONE, DATA, POWER AND LIGHTING.

FIRE ALARM SYSTEM LEGEND

SYMBOL	DEVICE DESCRIPTION
FACP	FIRE ALARM CONTROL PANEL
RAP	REMOTE ANNUNCIATOR PANEL OR EQUAL. E.C. TO PROVIDE FRAMED BLDG GRAPHIC MAP WITHIN SIGHT
FSD	FIRE ALARM SHUT DOWN
S E	SMOKE DETECTOR W/ BASE. "E" DESIGNATES ELEVATOR RECALL
C OR CO	CARBON MONOXIDE DETECTOR WITH SOUNDER BASE. CONNECT TO ASSOCIATED UNIT WITH SOUNDER BASE FOR SIMULTANEOUS LOCAL ALARM. (SUPERVISORY SIGNAL)
C	CARBON MONOXIDE SYSTEM AMBER COLOR VISUAL NOTIFICATION DEVICE. (SUPERVISORY SIGNAL)
P	MANUAL PULL STATION. PROVIDE WITH NON-ALARMED STI STOPPER II LIFT COVER (OR SIMILAR)
	DUCT TYPE SMOKE DETECTOR W/ HOUSING AND REMOTE LED INDICATOR. (SUPERVISORY SIGNAL)
	SPEAKER NOTIFICATION DEVICE - WALL MOUNT.
S	SPEAKER/STROBE NOTIFICATION DEVICE - WALL MOUNT.
S	SPEAKER/STROBE NOTIFICATION DEVICE - CEILING MOUNT.
	SPEAKER NOTIFICATION DEVICE - CEILING MOUNT.
	SPEAKER/STROBE NOTIFICATION DEVICE - CEILING MOUNT.
	STROBE NOTIFICATION DEVICE. WALL MOUNTED.
	STROBE NOTIFICATION DEVICE. CEILING MOUNTED.
	HORNSTROBE NOTIFICATION DEVICE
DH	ELECTROMAGNETIC DOOR HOLDER - GC FURNISH & MOUNT. EC TO WIRE AND CONNECT TO FA SYSTEM. 2
	EXISTING FIRE ALARM BELL TO BE REMOVED. INSTALL BLANK COVER PLATE.
	EXISTING BATTERY OPERATED CO DETECTOR TO REMAIN UNLESS OTHERWISE NOTED
AHU R	AIR HANDLING UNIT. REFER TO MECHANICAL DWG. FOR ADDITIONAL INFORMATION ANNOTATION 'R' - UNIT TO HAVE RELAY SHUTDOWN. REQUIRED ON ALL FANS OVER 1000 CFM
WS	WATERFLOW SWITCH FOR NEW SPRINKLER SYSTEM (BY FIRE SPRINKLER CONTRACTOR)
TS	TAMPER SWITCH FOR NEW SPRINKLER SYSTEM (BY FIRE SPRINKLER CONTRACTOR)
ANSUL	ANSUL SYSTEM
RC	FIRE ALARM - BEAM DETECTOR RECEIVER
SP	FIRE ALARM - BEAM DETECTOR TRANSMITTER
S.W.G.	STEEL WIRE GUARD.
W.P.	WEATHER PROOF.
W.M.	WALL MOUNT.
(E)	EXISTING TO REMAIN
AOR	AREA OF RESCUE
AOR-PS	AREA OF RESCUE POWER SUPPLY
AOR-MCP	AREA OF RESCUE MAIN CONTROL PANEL
R	FIRE ALARM RELAY

MISCELLANEOUS

SYMBOL	DESCRIPTION
S	CEILING MOUNTED PUBLIC ADDRESS SPEAKER.
S	WALL MOUNTED PUBLIC ADDRESS SPEAKER
	HORN LOUDSPEAKER SUBSCRIPT 'WP' INDICATES OUTDOOR WEATHERPROOF HORN SPEAKER
VC	WALL MOUNTED VOLUME CONTROL FOR LOCAL PUBLIC ADDRESS SPEAKER
C	WIRELESS CLOCK
WS A	LIGHTING CONTROLS WALL STATION. SUBSCRIPT DENOTES LIGHTING SEQUENCE OF OPERATION ON PLANS.

ITEMS IN ABOVE LEGENDS MARKED WITH SUBSCRIPTS ON THE PLANS ARE DENOTED AS FOLLOWS:
(E) - EXISTING ITEM TO REMAIN
(RL) - EXISTING ITEM TO BE RE-INSTALLED AND RELOCATED
(RR) - REMOVE AND RE-INSTALL TO ACCOMMODATE NEW CONSTRUCTION
NO SUBSCRIPT - NEW ITEM TO BE FURNISHED AND INSTALLED

ELECTRICAL SYMBOL LEGEND

	SINGLE POLE CIRCUIT 2-#12, #12G, ["C UNLESS OTHERWISE NOTED
	TWO POLE CIRCUIT 3-#12, #12G, ["C UNLESS OTHERWISE NOTED
	THREE POLE CIRCUIT 4-#12, #12G, ["C UNLESS OTHERWISE NOTED
	SINGLE RECEPTACLE, NEMA 5-20R W/ STAINLESS STEEL FACEPLATE
	GROUND FAULT CIRCUIT INTERRUPTER 20A, 125V SINGLE RECEPTACLE, WITH STAINLESS STEEL FACEPLATE FOR KITCHEN EQUIPMENT.
M	DUPLEX RECEPTACLE, 125V, 20A W/ STAINLESS STEEL FACEPLATE. M DESIGNATES TEACHING MONITOR RECEPTACLE. COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECTURAL PLANS
	QUADRUPLEX RECEPTACLE - (2)-GANG DUPLEX RECEPTACLES PER ABOVE W/ STAINLESS STEEL FACEPLATE
GFI W.P.	GROUND FAULT CIRCUIT INTERRUPTER 20A, 125V DUPLEX RECEPTACLE, WITH STAINLESS STEEL 302/304 FACEPLATE FOR MECHANICAL SPACES, BOILER ROOM, CORRIDORS, OUTDOORS, ETC. 'W.P.' ANNOTATION - IN RAINPROOF & IN-USE COVER
NEMA #	SPECIAL TYPE TWISTLOCK RECEPTACLE, NEMA INDICATES NEMA TYPE
D	MOTOR, NO. INDICATES HORSEPOWER. "D" INDICATES MOTORIZED DAMPER.
	UNFUSED DISCONNECT SWITCH, SIZE PER PLAN
	FUSED DISCONNECT SWITCH, SIZE AND FUSE PER PLAN
T	TRANSFORMER, VOLTAGE, PHASE, KVA PER PLAN
	PANEL BOARD, MOUNTING PER SCHEDULE
J J	JUNCTION BOX CLG MOUNT, WALL MOUNT
RPC1-1	PANEL 'RPC1' - POLE POSITION '1'
SC211-1	CONTACTOR 'SC211' - CONTACT '1'
	POWER ONLY DUPLEX FLOOR BOX CAST IRON WHEN INSTALLED IN CONC. SLAB. COVER COLOR AND TYPE AS APPROVED BY ARCHITECT
WAC	POWER ONLY DUPLEX RECEPTACLE MOUNTED ABOVE CEILING LOCATION FOR LIGHTING CONTROLLER
	POWER ONLY DUPLEX FLOOR BOX CAST IRON WHEN INSTALLED IN CONC. SLAB. COVER COLOR AND TYPE AS APPROVED BY ARCHITECT
	LIGHTING FIXTURES
LPA-1-G-a	FOR LIGHTING FIXTURES - INDICATES PANELBOARD 'LPA', POLE POSITION '1', FIXTURE TYPE 'G' CONTROLLED BY SWITCH 'a' 'EX' CIRCUIT DESIGNATION INDICATES CONNECTION TO EXISTING ROOM LIGHTING CIRCUIT -INCLUDES ANY NECESSARY WIRING EXTENSIONS. 'NL' NIGHT LIGHT DESIGNATION INDICATED FIXTURES TO BE UNSWITCHED AND CIRCUITED AHEAD OF ALL SWITCHING DEVICES.

S^{a}_{3K}	WALL SWITCH W/ STAINLESS STEEL FACEPLATE FACEPLATE
	LOWER CASE ALPHA SUPERSCRIPT - CONTROLS CORRESPONDINGLY LABELLED FIXTURES IN ROOM
	SUBSCRIPTS:
	(NONE) = SINGLE POLE 20A, HEAVY DUTY SPEC GRADE SWITCH,
	MCS= MASTER CONTROL SWITCH, ASCO 216B89, BY PLUMBING CONTRACTOR
	K = KEY SWITCH
	3 = 20A THREE WAY SWITCH
	4 = 20A FOUR WAY SWITCH
	D = WALLBOX SLIDE DIMMER COMPATIBLE W/ FIXTURE DIMMING BALLAST
	DIG# = DIGITAL SWITCH, # - INDICATES NUMBER OF BUTTONS
	VS/OS = DUAL TECH WALL SWITCH VACANCY OR OCCUPANCY SENSOR -
	M= MOMENTARY CONTACT SWITCH - MODEL # GMDS-W OR EQUAL
	WS = PRESET WALLSTATION

OS VS	CEILING MOUNTED OCCUPANCY (OS)/VACANCY(VS) SENSOR, LOW VOLTAGE, DUAL TECHNOLOGY, COMPLETE W/ POWER PACK(S) AS REQUIRED. EATON GREENGATE OAC-DT-2000-R OR EQUAL SUBSCRIPTS: VS - PROGRAM FOR MANUAL ON MODE OS - PROGRAM FOR AUTOMATIC ON MODE U - ULTRASONIC TECHNOLOGY ONLY
OS	WALL MOUNTED OCCUPANY SENSOR
PS	DAYLIGHT SENSOR PHOTOCELL - COMPATIBLE W/ ROOM CONTROLS
	EMERGENCY EXIT LIGHTING FIXTURE
CR	RETRACTABLE WHITE INDUSTRIAL CORD REEL, 25' CORD LENGTH. SEE ALSO MOUNTING DETAIL ON DWG. E10.02
#	DATA RECEPTACLE. PROVIDE TWO (2) CAT6 DATA CABLES UNLESS NOTED OTHERWISE WITH A 1" CONDUIT WITH PULL STRING TO ABOVE ACCESSIBLE CEILING SPACE. # DENOTES NUMBER OF CABLES TO BE PROVIDED. "T" DESIGNATES TELEPHONE DATA BOX. HDMI DESIGNATES HDMI CONNECTION TO BE PROVIDED INSTEAD OF CAT6 CABLE AND PLUG. 2
	DATA & POWER SURFACE RACEWAY DROP - NUMBER OF TRIANGLES INDICATES NUMBER OF DATA DROPS - PROVIDE (2) DUPLEX RECEPTACLES PER DATA DROP. SEE ALSO TECH. PLANS.
FSD	FIRE/SMOKE DAMPER - FURNISHED AND INSTALLED BY MC. EC TO WIRE. SEE MECH DRAWINGS FOR EXACT LOCATIONS.
2	COMBINATION FLOOR BOX - PROVIDE WITH QUAD RECEPTACLE, HDMI CONNECTION AND DATA CONNECTION

SIMILAR SYMBOLS USED ON DEMO PLANS. ALL ITEMS SHOWN ON DEMO PLAN TO BE REMOVED ENTIRELY UNLESS OTHERWISE NOTED.

REV.	DATE	ITEM
2	120622	BID ADDENDUM #2
1	120122	BID ADDENDUM #1

NOTICE

THESE DRAWINGS ARE BASED ON CONSTRUCTION DRAWINGS NOT PREPARED BY BBS ARCHITECTS, LANDSCAPE ARCHITECTS AND ENGINEERS, PC. AND, THEREFORE, MAY NOT REPRESENT THE CONDITIONS AS CONSTRUCTED AT THE TIME. ALL EXISTING CONDITIONS SHOWN ARE REPRESENTED AS SUGGESTIVE INFORMATION AS THEY MAY NOT HAVE BEEN BUILT AND DETAILED PER THE ORIGINAL DOCUMENTS OR PER THE OWNER'S INFORMATION.

ORIGINAL DOCUMENTS:

KEY PLAN
NO SCALE

PROJECT
BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVEMENTS
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL
444 PLEASANTVILLE RD, BRIARCLIFF MANOR, NY 10510

DWGTITLE
GENERAL NOTES, SYMOBOLS AND ABBREVIATIONS

DRWG. BY: EEA
CHK. BY: AG

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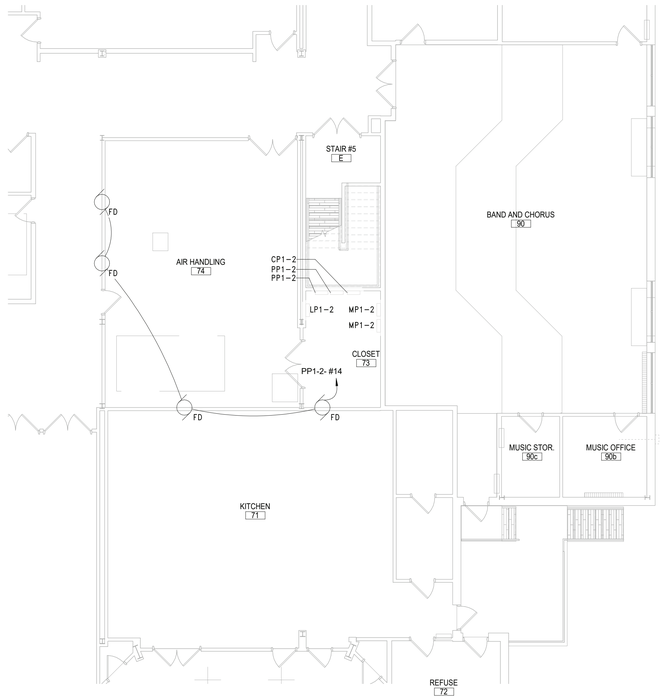
SED No.	66-14-02-02-0-004-023
DISTRICT	BRIARCLIFF MANOR U.F.S.D.
PROJECT	PHASE 2 CAPITAL BOND IMPROVEMENTS
DWG TITLE	GENERAL NOTES, SYMOBOLS AND ABBREVIATIONS
SCALE:	NTS
DATE:	07/07/22
BID P/U DATE:	07/05/22
FILE NO.	21-274C

E0.01 HSMS

2 FIRST FLOOR PROPOSED PLAN - AREA A BASE BID
SCALE: 1/8" = 1'-0"



4 FIRST FLOOR PROPOSED PLAN - AREA H
SCALE: 1/8" = 1'-0"

POWER SHEET NOTES

A. COORDINATE LOCATION OF CORD REELS WITH GC PRIOR TO CEILING INSTALLATION.

B. FIELD COORDINATE ROUTING OF ALL FEEDERS AND BRANCH CIRCUITS.

C. ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS SHALL BE PROPERLY FIRE-STOPPED.

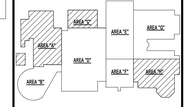
D. REFER TO EQUIPMENT SCHEDULE ON DRAWING E10.01 FOR MECHANICAL EQUIPMENT ELECTRICAL REQUIREMENTS.

E. ALL DEVICES SHALL BE RECESSED IN WALL. CONTACT ENGINEER AND ARCHITECT TO COORDINATE ANY AREAS WHERE EXISTING WALLS ARE SHOWN WITH NEW DEVICES.

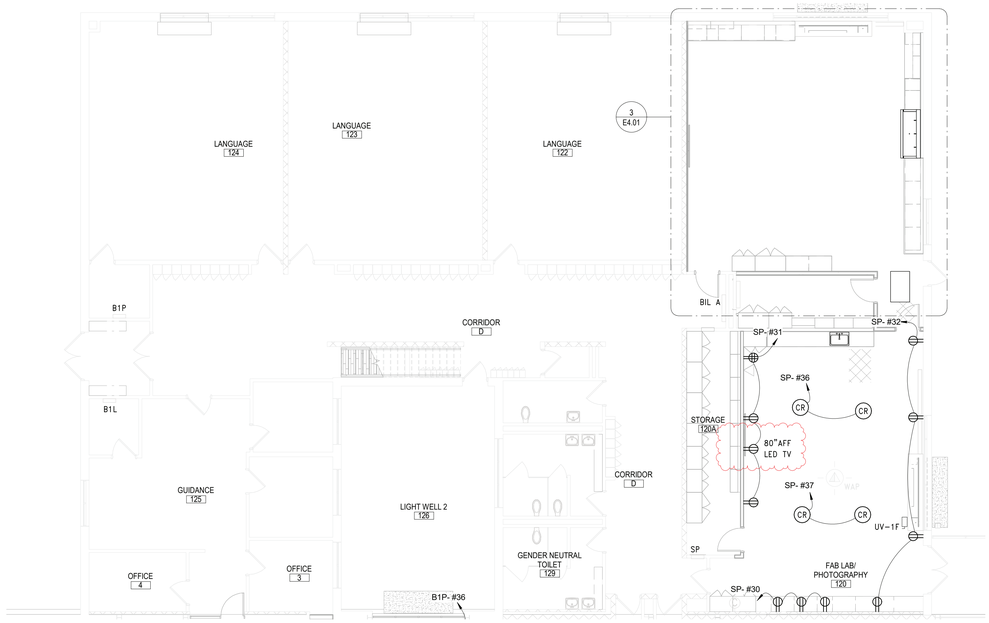
KEY NOTES

E9	UTILIZE SPARE BREAKER SPACES PREVIOUSLY FEEDING REMOVED UNIT FOR PROPOSED UNITS TO BE PROVIDED IN THIS PHASE. REFER TO PANEL BOARD DIRECTORY AND ELECRICAL EQUIPMENT SCHEDULE FOR BREAKER AND CIRCUIT INFORMATION.

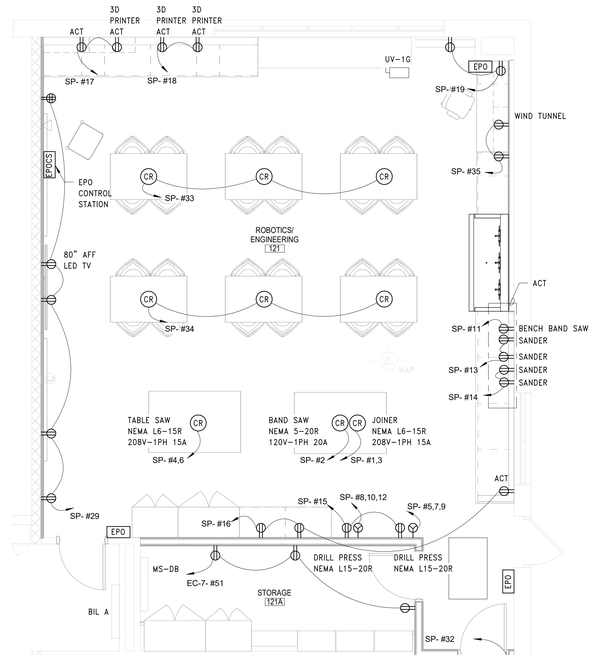
REV.	DATE	ITEM
2	120622	BID ADDENDUM #2
1	120122	BID ADDENDUM #1



KEY PLAN
NO SCALE



1 FIRST FLOOR PROPOSED PLAN - AREA C BASE BID
SCALE: 1/8" = 1'-0"



3 FIRST FLOOR PROPOSED PLAN - AREA C ENLARGED PLAN
SCALE: 1/4" = 1'-0"

PROJECT
BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVEMENTS
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL
444 PLEASANTVILLE RD, BRIARCLIFF MANOR, NY 10510

DWG TITLE
PARTIAL FIRST FL POWER PLAN - AREA A & C

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SED No. 66-14-02-02-0-004-023
DISTRICT BRIARCLIFF MANOR U.F.S.D.
PROJECT PHASE 2 BOND IMPROVEMENTS
DWG TITLE PARTIAL FIRST FL POWER PLAN - AREA A & C
SCALE: AS NOTED
DATE: 07/07/22
BID P/U DATE:
FILE NO. 21-274C

E4.01 HSMS

POWER SHEET NOTES

A. COORDINATE LOCATION OF CORD REELS WITH GC PRIOR TO CEILING INSTALLATION.

B. FIELD COORDINATE ROUTING OF ALL FEEDERS AND BRANCH CIRCUITS.

C. ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS SHALL BE PROPERLY FIRE-STOPPED.

D. REFER TO EQUIPMENT SCHEDULE ON DRAWING E10.01 FOR MECHANICAL EQUIPMENT ELECTRICAL REQUIREMENTS.

E. ALL DEVICES SHALL BE RECESSED IN WALL. CONTACT ENGINEER AND ARCHITECT TO COORDINATE ANY AREAS WHERE EXISTING WALLS ARE SHOWN WITH NEW DEVICES.

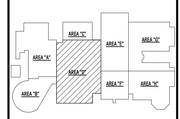
KEY NOTES

E2	PROVIDE REPLACEMENT PANEL IN SAME LOCATION AS REMOVED PANEL. CONNECT EXISTING MAIN POWER FEEDERS AND BRANCH CIRCUITS TO PROPOSED PANEL. REFER TO PANELBOARD DIRECTORY FOR PANEL'S CHARACTERISTICS.
E3	ADD ALTERNATE: PROVIDE REPLACEMENT PANEL IN SAME LOCATION AS REMOVED PANEL. CONNECT EXISTING MAIN POWER FEEDERS AND BRANCH CIRCUITS TO PROPOSED PANEL. FIELD VERIFY EXACT CIRCUIT BREAKER AMP RATING OF EACH BREAKER IN PANEL PRIOR TO PURCHASE. BREAKERS POLE SIZES WERE VERIFIED WITH FIELD OBSERVATION HOWEVER BREAKERS AMP RATING WAS NOT LEGIBLE IN ALL.
E9	UTILIZE SPARE BREAKER SPACES PREVIOUSLY FEEDING REMOVED UNIT FOR PROPOSED UNITS TO BE PROVIDED IN THIS PHASE. REFER TO PANEL BOARD DIRECTORY AND ELECRICAL EQUIPMENT SCHEDULE FOR BREAKER AND CIRCUIT INFORMATION.
E10	PROVIDE 20A, 120V-1PH CIRCUIT THROUGH FUSED DISCONNECT WITH AN AUXILIARY CONTACT ON THE MAIN POWER SUPPLY OF THE LIFT. FIELD COORDINATE EXACT DISCONNECT MOUNTING LOCATION PRIOR TO INSTALLATION.
E12	COORDINATE WITH GC FOR ROUTING OF POWER BELOW SLAB FOR FLOOR RECEPTACLE.

REV.	DATE	ITEM
2	120622	BID ADDENDUM #2
1	120122	BID ADDENDUM #1

NOTICE

THESE DRAWINGS ARE BASED ON CONSTRUCTION DRAWINGS NOT PREPARED BY BBS ARCHITECTS, LANDSCAPE ARCHITECTS AND ENGINEERS, PC. AND, THEREFORE, MAY NOT REPRESENT THE CONDITIONS AS CONSTRUCTED AT THE TIME. ALL EXISTING CONDITIONS SHOWN ARE REPRESENTED AS SUGGESTIVE INFORMATION AS THEY MAY NOT HAVE BEEN BUILT AND DETAILED PER THE ORIGINAL DOCUMENTS OR PER THE OWNER'S INFORMATION.



KEY PLAN

NO SCALE

PROJECT

BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVEMENTS
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL
444 PLEASANTVILLE RD, BRIARCLIFF MANOR, NY 10510

DWG TITLE

PARTIAL FIRST FL POWER PLAN - AREA D

DRWG. BY: EEA

CHK. BY: AG

BBS
ARCHITECTS
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SED No. 66-14-02-02-0-004-023

DISTRICT BRIARCLIFF MANOR U.F.S.D.

PROJECT PHASE 2 BOND IMPROVEMENTS

DWG TITLE PARTIAL FIRST FL POWER PLAN - AREA D

SCALE: AS NOTED

DATE: 07/07/22

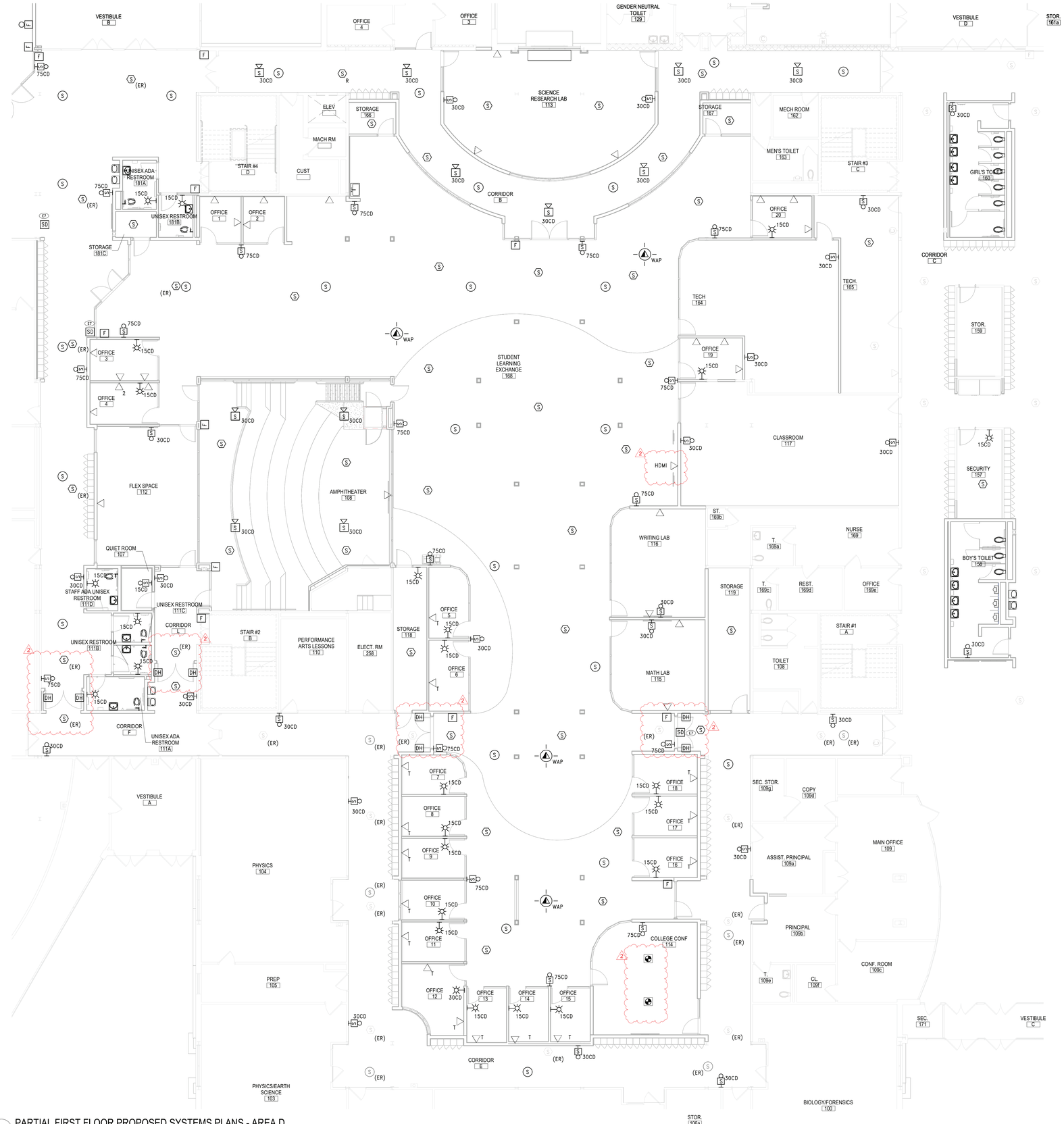
BID P/U DATE:

FILE NO. 21-274C

E4.02 HSMS

1 FIRST FLOOR PROPOSED PLAN - AREA D

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



1 PARTIAL FIRST FLOOR PROPOSED SYSTEMS PLANS - AREA D

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

SYSTEMS SHEET NOTES

A. CONNECT ALL PROPOSED FIRE ALARM DEVICES TO EXISTING FIRE ALARM CONTROL PANEL. PANEL IS AN EDWARDS IO ADDRESSABLE PANEL LOCATED OUTSIDE OF BOILER ROOM 510.

B. REFER TO DRAWING E10.03 FOR TECHNOLOGY DETAILS.

C. PROVIDE FIRE ALARM RELAY AND CONNECTION FROM FIRE DAMPERS TO FIRE ALARM CONTROL PANEL.

D. ALL DEVICES WITH 'ER' DESIGNATION SHALL BE EXISTING TO BE RELOCATED OR RE-INSTALLED AFTER CEILING INSTALLATION HAS BEEN COMPLETED. RE-INSTALL DEVICES IN PROPOSED LOCATION AND RECONNECT TO ASSOCIATED WIRING.

E. ALL DEVICES SHALL BE RECESSED IN WALL. CONTACT ENGINEER AND ARCHITECT TO COORDINATE ANY AREAS WHERE EXISTING WALLS ARE SHOWN WITH NEW DEVICES.

F. MDF ROOM LOCATED IN SECOND FLOOR TECH ROOM 242 (AREA D).

G. ALL IT AND SECURITY CABLES SHALL BE COLOR CODED AS FOLLOWS:
   A. DATA - BLUE
   B. WIRELESS ACCESS POINTS - GREEN
   C. CAMERAS - PURPLE
   D. DOORS - YELLOW
   E. SECURITY - RED

KEY NOTES

E7	PROVIDE FIRE ALARM CONNECTION TO FIRE SMOKE DAMPERS.

REV.	DATE	ITEM
2	120622	BID ADDENDUM #2
1	120122	BID ADDENDUM #1

NOTICE

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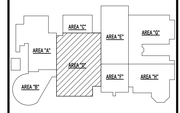

KEY PLAN NO SCALE

PROJECT

BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVEMENTS
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL
444 PLEASANTVILLE RD, BRIARCLIFF MANOR, NY 10510

DWG TITLE

PARTIAL FIRST FL SYSTEMS PLAN - AREA D

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CHK. BY: AG

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DISTRICT BRIARCLIFF MANOR U.F.S.D.
PROJECT PHASE 2 BOND IMPROVEMENTS
DWG TITLE PARTIAL FIRST FL SYSTEMS PLAN - AREA D

SCALE: AS NOTED
DATE: 07.07.22
BID P/U DATE:
FILE NO. 21-274C

E5.02 HSMS

Branch Panel: MP1-3

Location: ELECT. RM 258 **Volts:** 120/208 Wye **A.I.C. Rating:** 22000
Supply From: **Phases:** 3 **Mains Type:** MCB
Mounting: RECESSED **Wires:** 4 **Mains Rating:** 200 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	EXISTING CKT.	20 A	2	0 VA	0 VA					3	20 A	EXISTING CKT.	2
3	--	--	--			0 VA	0 VA			--	--	--	4
5	EXISTING CKT.	20 A	1					0 VA	0 VA	--	--	--	6
7	EXISTING CKT.	20 A	3	0 VA	0 VA					3	20 A	EXISTING CKT.	8
9	--	--	--			0 VA	0 VA			--	--	--	10
11	--	--	--					0 VA	0 VA	--	--	--	12
13	EXISTING CKT.	20 A	3	0 VA	0 VA					3	20 A	EXISTING CKT.	14
15	--	--	--			0 VA	0 VA			--	--	--	16
17	--	--	--					0 VA	0 VA	--	--	--	18
19	EXISTING CKT.	20 A	3	0 VA	0 VA					1	20 A	EXISTING CKT.	20
21	--	--	--			0 VA	0 VA			1	20 A	EXISTING CKT.	22
23	--	--	--					0 VA	0 VA	1	20 A	EXISTING CKT.	24
25	EXISTING CKT.	20 A	1	0 VA									26
27							0 VA			2	20 A	EXISTING CKT.	28
29	OFFICE 19 & 20	20 A	1					900 VA	0 VA	--	--	--	30
31					0 VA					2	20 A	EXISTING CKT.	32
33	EXISTING CKT.	20 A	1			0 VA	0 VA			--	--	--	34
35													36
37	EXISTING CKT.	20 A	1	0 VA	0 VA					1	20 A	EXISTING CKT.	38
39	EXISTING CKT.	20 A	2			0 VA	0 VA			2	20 A	EXISTING CKT.	40
41	--	--	--					0 VA	0 VA	--	--	--	42
			Total Load:	0 VA		0 VA		900 VA					
			Total Amps:	0 A		0 A		8 A					

Notes:
(EXISTING PANEL): ALL NEW BREAKERS SHALL MATCH PANEL'S TYPE AND AIC RATING.

Branch Panel: B1L

Location: ELEC. 127 **Volts:** 120/208 Wye **A.I.C. Rating:**
Supply From: **Phases:** 3 **Mains Type:** MCB
Mounting: RECESSED **Wires:** 4 **Mains Rating:** 250 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	EF-2B	20 A	1	1176 VA	0 VA					1	20 A	EXISTING CKT.	2
3	EXISTING CKT.	15 A	2			0 VA	0 VA			1	20 A	EXISTING CKT.	4
5	--	--	--					0 VA	0 VA	1	20 A	EXISTING CKT.	6
7	EXISTING CKT.	20 A	1	0 VA	0 VA					1	20 A	EXISTING CKT.	8
9	EXISTING CKT.	20 A	1			0 VA	0 VA			1	20 A	EXISTING CKT.	10
11	EXISTING CKT.	20 A	1					0 VA	0 VA	1	20 A	EXISTING CKT.	12
13	EXISTING CKT.	20 A	1	0 VA	0 VA					1	20 A	EXISTING CKT.	14
15	EXISTING CKT.	20 A	1			0 VA	0 VA			1	20 A	EXISTING CKT.	16
17	EXISTING CKT.	20 A	1					0 VA	0 VA	1	20 A	EXISTING CKT.	18
19	EXISTING CKT.	20 A	1	0 VA	0 VA					1	20 A	EXISTING CKT.	20
21	EXISTING CKT.	20 A	1			0 VA	0 VA			1	20 A	EXISTING CKT.	22
23	EXISTING CKT.	20 A	1					0 VA	0 VA	1	20 A	EXISTING CKT.	24
25	EXISTING CKT.	20 A	1	0 VA	0 VA					1	20 A	EXISTING CKT.	26
27	EXISTING CKT.	20 A	1			0 VA	686.4 VA			2	20 A	UV-1F; UV-1G	28
29	EXISTING CKT.	20 A	1					0 VA	686.4 VA	--	--	--	30
31	EXISTING CKT.	20 A	1	0 VA	1176 VA					1	20 A	EF-2C	32
33													34
35													36
37													38
39													40
41													42
			Total Load:	2352 VA		686 VA		686 VA					
			Total Amps:	20 A		6 A		6 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Equipment	3725 VA	100.00%	3725 VA		
				Total Conn. Load:	3725 VA
				Total Est. Demand:	3725 VA
				Total Conn. Current:	10 A
				Total Est. Demand Current:	10 A

Notes:

Branch Panel: PP1-2

Location: CLOSET 73 **Volts:** 120/208 Wye
Supply From: **Phases:** 3
Mounting: RECESSED **Wires:** 4

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	RECEPT RM M1064 (EXISTING)	20 A	1	0 VA	0 VA					1	20 A	RECEPT RM M1079 (EXISTING)	2
3	RECEPT RM M1063 (EXISTING)	20 A	1			0 VA	0 VA			1	20 A	RECEPT RM M1079 (EXISTING)	4
5	RECEPT RM M1-106 (EXISTING)	20 A	1					0 VA	0 VA	1	20 A	RECEPT RM M1060 (EXISTING)	6
7	ELEC WATER FOUNTAIN (EXISTING)	20 A	1	0 VA	0 VA					1	20 A	RECEPT RM M1060 (EXISTING)	8
9	RECEPT M1-106, 067 (EXISTING)	20 A	1			0 VA	0 VA			1	20 A	RECEPT RM M1060 (EXISTING)	10
11	MAG LOCK DOOR (EXISTING)	20 A	1					0 VA	0 VA	1	20 A	RECEPT RM M1060 (EXISTING)	12
13					0 VA					1	20 A	MOTORIZED FIRE DAMPER	14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
			Total Load:	0 VA		0 VA		0 VA					
			Total Amps:	0 A		0 A		0 A					

Notes:

Branch Panel: PNL X

Location: MECH ROOM 162 **Volts:** 120/208 Wye **A.I.C. Rating:**
Supply From: **Phases:** 3 **Mains Type:** MLO
Mounting: RECESSED **Wires:** 4 **Mains Rating:** 225 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1					1055.6 VA					3	15 A	CMU-236	2
3	EXISTING CKT.	20 A	1			0 VA	1055.6 VA			--	--	--	4
5	EXISTING CKT.	20 A	1					0 VA	1055.6 VA	--	--	--	6
7	EXISTING CKT.	20 A	1	0 VA	0 VA					1	20 A	EXISTING CKT.	8
9	EXISTING CKT.	20 A	1			0 VA	0 VA			1	20 A	EXISTING CKT.	10
11	EXISTING CKT.	20 A	1					0 VA	0 VA	1	20 A	EXISTING CKT.	12
13	EXISTING CKT.	20 A	1	0 VA	0 VA					1	20 A	EXISTING CKT.	14
15	EXISTING CKT.	20 A	1			0 VA	0 VA			1	20 A	EXISTING CKT.	16
17	EXISTING CKT.	20 A	1					0 VA	0 VA	1	20 A	EXISTING CKT.	18
19	EXISTING CKT.	20 A	1	0 VA	0 VA					1	20 A	EXISTING CKT.	20
21	EXISTING CKT.	20 A	1			0 VA	0 VA			1	20 A	EXISTING CKT.	22
23	EXISTING CKT.	20 A	1					0 VA	0 VA	1	20 A	EXISTING CKT.	24
			Total Load:	1056 VA		1056 VA		1056 VA					
			Total Amps:	9 A		9 A		9 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Equipment	3167 VA	100.00%	3167 VA		
				Total Conn. Load:	3167 VA
				Total Est. Demand:	3167 VA
				Total Conn. Current:	9 A
				Total Est. Demand Current:	9 A

Notes:

Branch Panel: 6B

Location: STORAGE 118 **Volts:** 120/208 Wye **A.I.C. Rating:** 10000
Supply From: **Phases:** 3 **Mains Type:** 100A MLO
Mounting: RECESSED **Wires:** 4 **Mains Rating:** 100 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Spare	20 A	3	0 VA	0 VA					3	20 A	Spare	2
3	--	--	--			0 VA	0 VA			--	--	--	4
5	--	--	--					0 VA	0 VA	--	--	--	6
7	Spare	20 A	3	0 VA	0 VA					2	20 A	Spare	8
9	--	--	--			0 VA	0 VA			--	--	--	10
11	--	--	--					0 VA	720 VA	1	20 A	REST RM 111D, 111C, 111B & 111A	12
13	RECEPT - RM 112	20 A	1	900 VA	900 VA					1	20 A	RECEPT - RM 112 & CP-UV1C	14
15	CORD REEL RM 112	20 A	1			0 VA	0 VA			1	20 A	CORD REEL RM 112	16
17	CORD REEL RM 112	20 A	1					0 VA	900 VA	1	20 A	RECEPT - OFFICE 3	18
19	RECEPT - OFFICE 4	20 A	1	540 VA	90 VA					2	20 A	PRINTER RECEPT	20
21	MOTORIZED FIRE DAMPER	20 A	1			0 VA	90 VA			--	--	--	22
23	AC-1A; 2D; 1D; 1C	20 A	2					104 VA	182 VA	2	20 A	AC-2A; 3A; 4A; 5A; 6A; 7A; 8A	24
25	--	--	--	104 VA	182 VA					--	--	--	26
27	AC-9A; 10A; 1B; 2B; 11A; 12A; 13A	20 A	2			182 VA	52 VA			2	20 A	AC-1E; 2E	28
29	--	--	--					182 VA	52 VA	--	--	--	30
31	AC-14A; 15A & UV-1E & 1D	20 A	2	478.4 VA	180 VA					1	20 A	UV-1A;1B	32
33	--	--	--			478.4 VA	270.4 VA			2	15 A	UV-1C	34
35	UV-1A;1B; 1H	20 A	2					1393.6 VA	270.4 VA	--	--	--	36
37	--	--	--	1393.6 VA	1392 VA					1	20 A	EF-1C	38
39	EF-1E	20 A	1			696 VA	720 VA			1	20 A	DESTRATIFICATION FANS	40
41	CP-AC236; CP-UV2A; UV2B; UV2C;...	20 A	1					1260 VA	1620 VA	1	20 A	CP-AC15A;AC14A;AC1C;AC3A;AC4A;A...	42
43	CP-AC2D;AC8A;AC9A;AC10A;AC1B;AC...	20 A	1	1440 VA	900 VA					1	20 A	CP-AC2A;AC1E;AC2E;AC13A;AC1A	44
45	CP-UV1E; UV1D; UV1A; UV1B	20 A	1			720 VA	720 VA			1	20 A	COLUMN RECEPT - OPEN AREA	46
47	COLUMN RECEPT - OPEN AREA	20 A	1					1080 VA	1080 VA	1	20 A	COLUMN RECEPT - OPEN AREA	48
49	MOTORIZED FIRE DAMPER	20 A	1	0 VA	0 VA					1	20 A	MOTORIZED FIRE DAMPER	50
51	LIFT DISCONNECT	20 A	1			0 VA	720 VA			1	20 A	RCPT 158 & COOLER (GFCI BRKR)	52
53	HAND DRYER RM 158	20 A	1					0 VA	0 VA	1	20 A	HAND DRYER RM 158	54
55	COOLER & TV RECEPT (GFCI BRKR)	20 A	1	360 VA	720 VA					1	20 A	RECEPT - OUTSIDE 108	56
57	RECEPT - OUTSIDE 108	20 A	1			720 VA							58
59													60
			Total Load:	9580 VA		5369 VA		8844 VA					
			Total Amps:	84 A		45 A		78 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Equipment	6373 VA	80.00%	5098 VA		
Motor	7160 VA	100.63%	7205 VA	Total Conn. Load:	23793 VA
Receptacle	10260 VA	98.73%	10130 VA	Total Est. Demand:	22433 VA
Power	0 VA	0.00%	0 VA	Total Conn. Current:	66 A
				Total Est. Demand Current:	62 A

Notes: NEW PANEL

Branch Panel: PP-K(R)

Location: PREP AREA 505d **Volts:** 120/208 Wye **A.I.C. Rating:**
Supply From: **Phases:** 3 **Mains Type:** MLO
Mounting: RECESSED **Wires:** 4 **Mains Rating:** 250 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	EXISTING CKT.	20 A	1	0 VA	0 VA					1	20 A	EXISTING CKT.	2
3	EXISTING CKT.	20 A	1			0 VA	0 VA			1	20 A	EXISTING CKT.	4
5	EXISTING CKT.	20 A	1					0 VA	0 VA	1	20 A	EXISTING CKT.	6
7	EXISTING CKT.	20 A	1	0 VA	0 VA					1	20 A	EXISTING CKT.	8
9	EXISTING CKT.	20 A	1			0 VA	0 VA			1	20 A	EXISTING CKT.	10
11	EXISTING CKT.	20 A	1					0 VA	0 VA	1	20 A	EXISTING CKT.	12
13	EXISTING CKT.	20 A	2	0 VA	0 VA					1	20 A	EXISTING CKT.	14
15	--	--	--			0 VA	0 VA			1	20 A	EXISTING CKT.	16
17	EXISTING CKT.	20 A	1					0 VA	0 VA	1	20 A	EXISTING CKT.	18
19	EXISTING CKT.	20 A	1	0 VA	0 VA					1	20 A	EXISTING CKT.	20
21	EXISTING CKT.	20 A	1			0 VA	0 VA			1	20 A	EXISTING CKT.	22
23	EXISTING CKT.	20 A	1					0 VA	0 VA	1	20 A	EXISTING CKT.	24
25	EXISTING CKT.	20 A	1	0 VA	0 VA					1	20 A	EXISTING CKT.	26
27	EXISTING CKT.	20 A	1			0 VA	0 VA			1	20 A	EXISTING CKT.	28
29	EXISTING CKT.	20 A	2					0 VA	0 VA	2	20 A	EXISTING CKT.	30
31	--	--	--	0 VA	0 VA					--	--	--	32
33	EXISTING CKT.	20 A	2			0 VA	900 VA			1	20 A	RECEPT - CAFETERIA ENTRANCE	34
35	--	--	--					0 VA	0 VA	1	20 A	EXISTING CKT.	36
37	RECEPT - BREAKOUT 501 (ADD-ALT)	20 A	1	900 VA	114.4 VA					2	20 A	FCU-500 & 501	38
39	RECEPT - BREAKOUT 500 (ADD-ALT)	20 A	1			900 VA	114.4 VA			--	--	--	40
			Total Load:	1014 VA		1914 VA		0 VA					
			Total Amps:	10 A		17 A		0 A					

Notes:
(EXISTING PANEL): ALL NEW BREAKERS SHALL MATCH PANEL'S TYPE AND AIC RATING. FIELD VERIFY EXISTING PANELS RATING.

Branch Panel: EC-7

Location: STORAGE 118 **Volts:** 120/208 Wye **A.I.C. Rating:** 22000
Supply From: **Phases:** 3 **Mains Type:** 100A MLO
Mounting: RECESSED **Wires:** 4 **Mains Rating:** 100 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	EXISTING CKT	20 A	3	0 VA	0 VA					3	20 A	EXISTING CKT	2
3	--	--	--			0 VA	0 VA			--	--	--	4
5	--	--	--					0 VA	0 VA	--	--	--	6
7	EXISTING CKT	20 A	3	0 VA	0 VA					3	20 A	EXISTING CKT	8
9	--	--	--			0 VA	0 VA			--	--	--	10
11	--	--	--					0 VA	0 VA	--	--	--	12
13	REST RM 181A & 181B	20 A	1	900 VA	0 VA					1	20 A	HAND DRYER 181A	14
15	RECEPT OFFICE 1 & 2	20 A	1			1260 VA	1620 VA			1	20 A	RECEPT RM 164 & 168	16
17	RECEPT LAB 116	20 A	1					720 VA	900 VA	1	20 A	RECCEPT RM 116 & 119	18
19	HAND DRYER 181B	20 A	1	0 VA	900 VA					1	20 A	RECEPT LAB 115	20
21	RECEPT OFFICE 18	20 A	1			1080 VA	1260 VA			1	20 A	RECEPT OFFICE 16 & 17	22
23	RECEPT CONF 114	20 A	1					720 VA	720 VA	1	20 A	FLOOR RECEPT 114	24
25	RECEPT CONF 114	20 A	1	720 VA	1080 VA					1	20 A	RECEPT - OFFICE 12 & 13	26
27	RECEPT OFFICE 13 & 14	20 A	1			720 VA	1080 VA			1	20 A	RECEPT OFFICE 15	28
29	RECEPT - OFFICE 11 & 12	20 A	1					1080 VA	1440 VA	1	20 A	RECEPT OFFICE 9 & 10	30
31	RECEPT OFFICE 7 & 8	20 A	1	1260 VA	720 VA					1	20 A	RECEPT - OPEN AREA	32
33	RECEPT - OFFICE 6	20 A	1			720 VA	720 VA			1	20 A	RECEPT OFFICE 5	34
35	RECEPT - AMPHITHEATER	20 A	1					720 VA	540 VA	1	20 A	RECEPT - AMPHITHEATER	36
37	HAND DRYER 111A	20 A	1	0 VA	0 VA					1	20 A	HAND DRYER 111B	38
39	HAND DRYER 111C	20 A	1			0 VA	0 VA			1	20 A	HAND DRYER 111D	40
41	FLOOR RECEPT - OPEN AREA	20 A	1					360 VA	0 VA	1	20 A	MOTOR OPERATED DAMPER	42
43	RECEPT - LEARNING EXHANGE	20 A	1	1080 VA	1080 VA					1	20 A	RECEPT - LEARNING EXCHANGE	44
45	RECEPT - LEARNING EXCHANGE	20 A	1			1080 VA	1080 VA			1	20 A	RECEPT - LEARNING EXCHANGE	46
47	RECEPT - LEARNING EXCHANGE	20 A	1					1080 VA	180 VA	1	20 A	Receptacle	48
49	RECEPT 164 & 20	20 A	1	720 VA	180 VA					1	20 A	WATER COOLER (GFCI BRKR)	50
51	RECEPT - ST 121A	20 A	1			540 VA	180 VA			1	20 A	TV RECEPT	52
53													54
55													56
57													58
59													60
			Total Load:	8640 VA		11340 VA		8460 VA					
			Total Amps:	72 A		95 A		71 A					

2

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	0 VA	0.00%	0 VA		
Receptacle	28440 VA	67.58%	19220 VA	Total Conn. Load:	28440 VA
				Total Est. Demand:	19220 VA
				Total Conn. Current:	79 A
				Total Est. Demand Current:	53 A

Notes: NEW PANEL

Branch Panel: B1P

Location: OFFICE 124a **Volts:** 120/208 Wye **A.I.C. Rating:** 65000
Supply From: **Phases:** 3 **Mains Type:** 300A MCB
Mounting: RECESSED **Wires:** 4 **Mains Rating:** 300 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	EXISTING CKT.	20 A	2	0 VA	0 VA					2	20 A	EXISTING CKT.	2
3	--	--	--			0 VA	0 VA			--	--	--	4
5	EXISTING CKT.	20 A	3					0 VA	0 VA	3	20 A	EXISTING CKT.	6
7	--	--	--	0 VA	0 VA					--	--	--	8
9	--	--	--			0 VA	0 VA			--	--	--	10
11	EXISTING CKT.	20 A	3					0 VA	0 VA	3	20 A	EXISTING CKT.	12
13	--	--	--	0 VA	0 VA					--	--	--	14
15	--	--	--			0 VA	0 VA			--	--	--	16
17	EXISTING CKT.	20 A	2					0 VA	0 VA	1	20 A	EXISTING CKT.	18
19	--	--	--	0 VA	0 VA					1	20 A	EXISTING CKT.	20
21	EXISTING CKT.	20 A	1			0 VA	0 VA			1	20 A	EXISTING CKT.	22
23	EXISTING CKT.	20 A	1					0 VA	0 VA	1	20 A	EXISTING CKT.	24
25	EXISTING CKT.	20 A	1	0 VA	0 VA					1	20 A	EXISTING CKT.	26
27	C	20 A	1			0 VA	0 VA			1	20 A	EXISTING CKT.	28
29	EXISTING CKT.	20 A	1					0 VA	0 VA	1	20 A	EXISTING CKT.	30
31	EXISTING CKT.	20 A	1	0 VA	0 VA					1	20 A	EXISTING CKT.	32
33	RECEPT - LAB 113	20 A	1			540 VA	0 VA			1	20 A	CORD REELS LAB 113	34
35	RECEPT- LAB 113	20 A	1					720 VA	720 VA	1	20 A	RECEPT - LAB 113	36
37	CORD REELS LAB 113	20 A	1	0 VA	900 VA					1	20 A	RECEPT - STUDENT LEARNING	38
39	RECEPT - AC SINK	20 A	1			360 VA	720 VA			1	20 A	RECEPT - DESK	40
41	RECEPT - DESK	20 A	1					720 VA					42
			Total Load:	900 VA		1620 VA		2160 VA					
			Total Amps:	8 A		14 A		19 A					

Notes:
(EXISTING PANEL): ALL NEW BREAKERS SHALL MATCH PANEL'S TYPE AND AIC RATING.

Branch Panel: SP

Location: STORAGE 120A **Volts:** 120/208 Wye **A.I.C. Rating:**
Supply From: **Phases:** 3 **Mains Type:** 250A MLO
Mounting: RECESSED **Wires:** 4 **Mains Rating:** 250 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	JOINER CORD REEL	15 A	2	0 VA	0 VA					1	20 A	BAND SAW CORD REEL	2
3	--	--	--			0 VA	0 VA			2	15 A	TABLE SAW	4
5	DRILL PRESS	20 A	3					60 VA	0 VA	--	--	--	6
7	--	--	--	60 VA	60 VA					3	20 A	DRILL PRESS	8
9	--	--	--			60 VA	60 VA			--	--	--	10
11	BENCH BAND SAW	20 A	1					180 VA	60 VA	--	--	--	12
13	SANDER RECEPT -RM 121	20 A	1	360 VA	360 VA					1	20 A	RECEPT - SANDERS	14
15	RECEPT - DRILL PRESS	20 A	1			360 VA	540 VA			1	20 A	RECEPTACLE 121	16
17	3D PRINTER RECEPT	20 A	1					360 VA	360 VA	1	20 A	3D PRINTER	18
19	RECEPT - RM 121	20 A	1	360 VA									20
21	EXISTING CKT.	20 A	1			0 VA	0 VA			1	20 A	EXISTING CKT.	22
23	EXISTING CKT.	20 A	1					0 VA	0 VA	1	20 A	EXISTING CKT.	24
25	EXISTING CKT.	20 A	1	0 VA	0 VA					1	20 A	EXISTING CKT.	26
27	EXISTING CKT.	20 A	1			0 VA	0 VA			1	20 A	EXISTING CKT.	28
29	RECEPT - RM 121	20 A	1					1080 VA	540 VA	1	20 A	RECEPT - RM 120	30
31	RECEPT - RM 120	20 A	1	900 VA	720 VA					1	20 A	RECEPT - RM 120	32
33	CORD REEL RM 121	20 A	1			0 VA	0 VA			1	20 A	CORD REEL RM 121	34
35	WIND TUNNEL RECEPT 121	20 A	1					360 VA	0 VA	1	20 A	CORD REEL RM 120	36
37	RECEPT - RM 120	20 A	1	0 VA	0 VA					1	20 A	HAND DRYER 160	38
39	HAND DRYER 160	20 A	1			0 VA							40
41	RECEPT CORRIDOR B & RM 160	20 A	1					360 VA					42
			Total Load:	2820 VA		1020 VA		3360 VA					
			Total Amps:	26 A		9 A		30 A					

Notes:
(EXISTING PANEL): ALL NEW BREAKERS SHALL MATCH PANEL'S TYPE AND AIC RATING.

Branch Panel: LPE-10

Location: MECH ROOM 162 **Volts:** 120/208 Wye **A.I.C. Rating:**
Supply From: **Phases:** 3 **Mains Type:** MLO
Mounting: RECESSED **Wires:** 4 **Mains Rating:** 225 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	2
3	Spare	20 A	1			0 VA	765.6 VA			2	20 A	UV-2A; 2B; 2C; 2D FCU-2A; 2B;AC-236	4
5	EF-2A	20 A	1					1176 VA	765.6 VA	--	--	--	6
7	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	8
9	EF-1A	20 A	1			1176 VA	0 VA			1	20 A	Spare	10
11	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	12
13	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	14
15	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	16
17	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	18
19	Spare	20 A	1	0 VA	1656 VA					1	20 A	EF-1B	20
21	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	22
23	Spare	20 A	1					0 VA					24
			Total Load:	1656 VA		1942 VA		1942 VA					
			Total Amps:	14 A		17 A		17 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Equipment	5539 VA	80.00%	4431 VA		
				Total Conn. Load:	5539 VA
				Total Est. Demand:	4431 VA
				Total Conn. Current:	15 A
				Total Est. Demand Current:	12 A

Notes:

Branch Panel: MPH-1

Location: ELECT. RM 258 **Volts:** 480/277 Wye **A.I.C. Rating:**
Supply From: **Phases:** 3 **Mains Type:** 225A MCB
Mounting: RECESSED **Wires:** 4 **Mains Rating:** 250 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	ACC-2	50 A	3	10309.1...	2605 VA					3	15 A	DOAS-8	2
3	--	--	--			10309.1...	2605 VA			--	--	--	4
5	--	--	--					10309.1...	2605 VA	--	--	--	6
7	HVAC-9	15 A	3	3214.7 VA	9228.3 VA					3	50 A	HVAC-12	8
9	--	--	--			3214.7 VA	9228.3 VA			--	--	--	10
11	--	--	--					3214.7 VA	9228.3 VA	--	--	--	12
13	HVAC-10	30 A	3	5293.1 VA	6872.7 VA					3	40 A	HV-2	14
15	--	--	--			5293.1 VA	6872.7 VA			--	--	--	16
17	--	--	--					5293.1 VA	6872.7 VA	--	--	--	18
19	HVAC-1	40 A	3	6872.7 VA	4434 VA					3	25 A	ACC-S	20
21	--	--	--			6872.7 VA	4434 VA			--	--	--	22
23	--	--	--					6872.7 VA	4434 VA	--	--	--	24
25	ACC-N	25 A	3	4434 VA									26
27	--	--	--			4434 VA							28
29	--	--	--					4434 VA					30
31													32
33													34
35													36
37													38
39													40
41													42
			Total Load:	53264 VA		53264 VA		53264 VA					
			Total Amps:	192 A		192 A		192 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Equipment	159791 VA	80.00%	127833 VA		
				Total Conn. Load:	159791 VA
				Total Est. Demand:	127833 VA
				Total Conn. Current:	192 A
				Total Est. Demand Current:	154 A

Notes:

REV.	DATE	ITEM
2	120622	BID ADDENDUM #2
1	120122	BID ADDENDUM #1

NOTICE

THESE DRAWINGS ARE BASED ON CONSTRUCTION DRAWINGS NOT PREPARED BY BBS ARCHITECTS, LANDSCAPE ARCHITECTS AND ENGINEERS, PC. AND, THEREFORE, MAY NOT REPRESENT THE CONDITIONS AS CONSTRUCTED AT THE TIME. ALL EXISTING CONDITIONS SHOWN ARE REPRESENTED AS SUGGESTIVE INFORMATION AS THEY MAY NOT HAVE BEEN BUILT AND DETAILED PER THE ORIGINAL DOCUMENTS OR PER THE OWNER'S INFORMATION.

ORIGINAL DOCUMENTS:

KEY PLAN
NO SCALE

PROJECT
BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVEMENTS
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL
444 PLEASANTVILLE RD, BRIARCLIFF MANOR, NY 10510

DWGTITLE
PANELBOARD DIRECTORIES

DRWG. BY: EEA
CHK. BY: AG

BBS
ARCHITECTS
LANDSCAPE ARCHITECTS
ENGINEERS

244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
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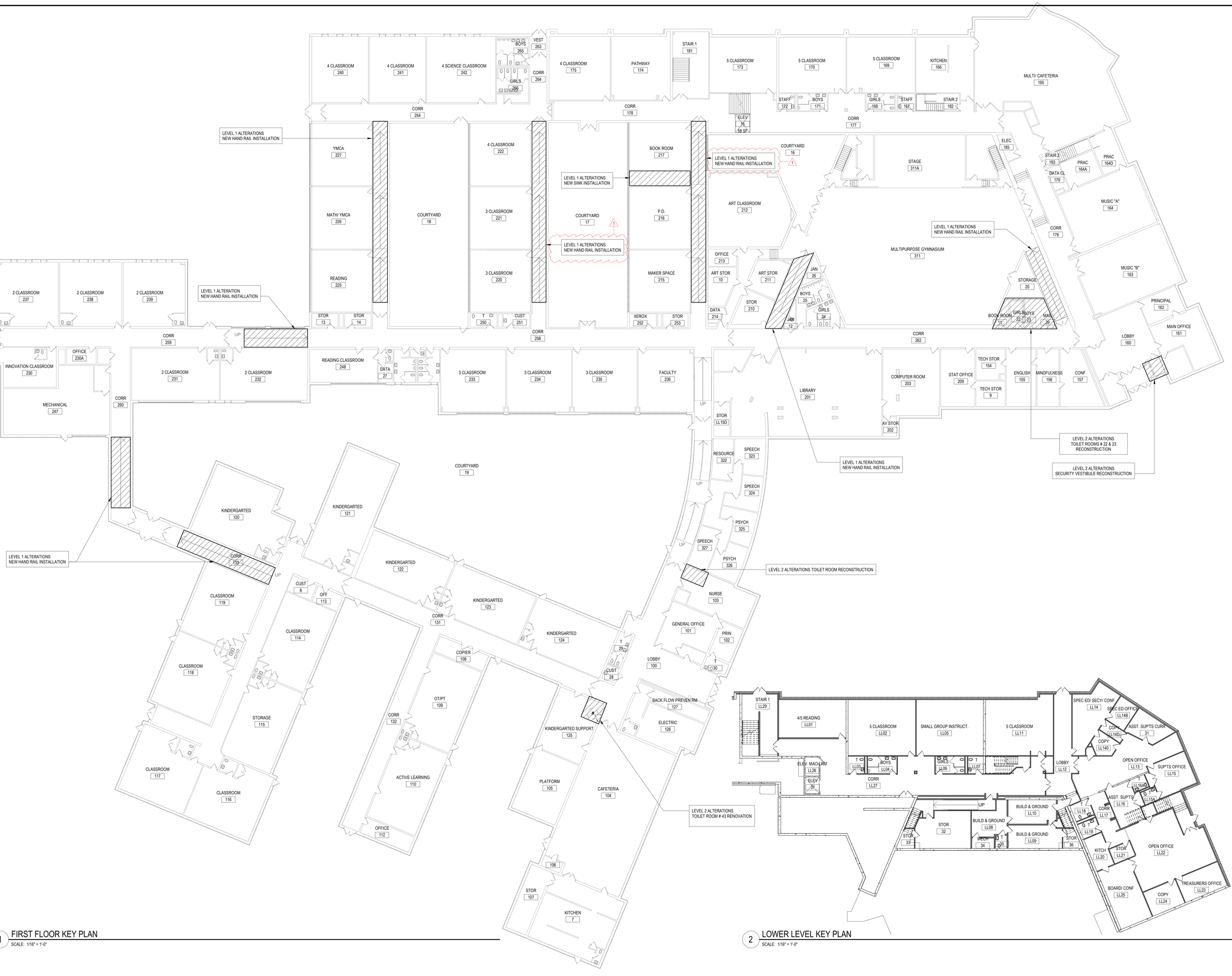
187 WOLF ROAD, STE. 205
ALBANY
NEW YORK 12205
T. 518.621.7650
F. 518.621.7655

www.BBSARCHITECTURE.COM

SED No. 66-14-02-02-0-004-023
DISTRICT BRIARCLIFF MANOR U.F.S.D.
PROJECT PHASE 2 CAPITAL BOND IMPROVEMENTS
DWG TITLE PANELBOARD DIRECTORIES

SCALE:
DATE: 07/07/22
BID P/U DATE:
FILE NO. 21-274C

E8.01 HSMS



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

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

REV.	DATE	ITEM
1	12/07/2022	BID ADDENDUM # 2

NOTICE

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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
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: 12/7/2022
BID P/U DATE: 3:47:45 PM
FILE NO. 21-274D

A0.02 TES

ABBREVATIONS:

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
C.M.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		

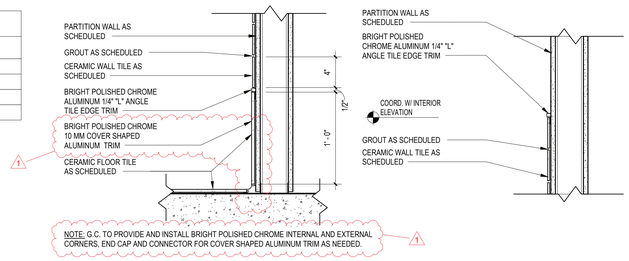
DOOR SCHEDULE - TODD ELEMENTARY SCHOOL PH2

	LOCATION		SIGNAGE	DOOR					FRAME			HARDWARE	DETAILS				FIRE RATING	REMARKS	DOOR NO.
	FROM ROOM	TO ROOM		LEAF	WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	GLAZING	TYPE	MATERIAL	GLAZING		HEAD	JAMB	SILL	THOLD			
43	LOBBY (100)	TOILET (43)	D2	1	3' - 0"	7' - 0"	1 3/4"	D1	SCLCOV					02	H4	J4					43
103A	NURSE (103)	NURSES TOILET (103a)	D2	1	3' - 0"	7' - 0"	1 3/4"	D1	SCLCOV	---				02	H4	J4					103A

G.C. TO PROVIDE AND INSTALL C2 SIGNAGES FOR ROOMS 22 AND 23

FINISH SCHEDULE

RM. NO.	LOCATION	FLOOR		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 1/2" = 1'-0"

FINISH NOTES

1. 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.
2. ALL CMU SURFACES SHALL BE PRIMED WITH INTERIOR & EXTERIOR BLOCK FILLER M88 INDUSTRIAL MAINTENANCE BY BENJAMIN MOORE. PRIOR TO FINISH PAINT APPLICATION.
3. 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.
4. 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.
5. REFER TO FLOOR PLANS FOR TILE PATTERNS.
6. G.C. SHALL PREP/PRIME AND PAINT ALL SHEET METAL PIPE ENCLOSURES (INSTALLED BY MC). COLOR AS SELECTED BY ARCHITECT.
7. BEFORE PAINTING, CONCRETE SURFACES MUST CURE 30 DAYS. BLOCK AND PLASTER SURFACES MUST CURE FOR 30 DAYS.
8. ALL NEW WOOD WINDOW SILLS, MOLDING AND TRIM SHALL RECEIVE A "STAINED" FINISH AND RECEIVE (3) COATS OF 'BENWOOD' POLYURETHANE FINISH LOW LUSTER NO. 435 BY 'BENJAMIN MOORE' OR APPROVED EQUAL. STAIN COLOR AS SELECTED BY ARCHITECT. GC SHALL SUBMIT PHYSICAL COLOR SAMPLE FOR REVIEW AND APPROVAL.
9. ALL FINISHES SHALL BE PROVIDED AND INSTALLED BY GC UNLESS OTHERWISE NOTED. REFER TO SPEC SECTION 09900 FOR ADDITIONAL INFORMATION.
10. ALL INTERIOR FINISHES IN CORRIDOR SHALL BE CLASS 'A' RATED.
11. PATCH, REPAIR AND FINISH CEILING, WALLS, AND FLOOR @ POINTS OF DEMOLITION TO MATCH EXISTING ADJACENT. EXISTING FINISHES TO REMAIN.
12. 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.
13. REFER TO REFLECTED CEILING PLANS AND FINISH FLOOR PLANS FOR ADDITIONAL INFORMATION.
14. DOOR FRAMES TO BE PREPPED & PAINTED AS PER SPEC. COLOR AS SELECTED BY ARCHITECT.
15. G.C. SHALL PREP, PRIME & PAINT SHEETROCK CEILINGS UNLESS OTHERWISE NOTED FINISH AS PER SPEC. COLOR: WHITE- FLAT FINISH.
16. 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.
17. REFER TO REFLECTED CEILING PLANS, TOILET ROOM TILE PLANS, AND FINISHED FLOOR PLANS FOR ADDITIONAL FINISH INFORMATION.
18. GENERAL CONTRACTOR SHALL PERFORM A BOND TEST IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS PRIOR TO INSTALLATION OF NEW V.C.T. FLOORING.
19. CONTRACTOR SHALL INSTALL PLANI/PATCH PLUS BY 'MAPEI' OR APPROVED EQUAL OVER SUBSTRATE AND/OR CONCRETE SLAB TO PROVIDE A FLOOR SURFACE IN ACCORDANCE WITH MANUFACTURERS WRITTEN INSTRUCTIONS AND AS SPECIFIED FOR INSTALLATION OF NEW FINISH FLOOR MATERIALS.

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-214-96 'RECOMMENDED LEVELS OF GYPSUM BOARD FINISH' & 3.06 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.)

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) NOTE: GROUT FOR CT1 TO BE CUSTOM - #381 BRIGHT WHITE. SPACED AT 1/8" UNLESS OTHERWISE NOTED.	TYPE CT2: 4" X 4" CERAMIC WALL TILE MANUFACTURER: CREATIVE MATERIAL CO. COLLECTION: MOSA COLOR: 17980 - GLOSSY (ORANGE) NOTE: GROUT FOR CT1 TO BE CUSTOM - #381 BRIGHT WHITE. SPACED AT 1/8" UNLESS OTHERWISE NOTED.
TYPE CT3: 12" X 24" CERAMIC FLOOR TILE MANUFACTURER: CREATIVE MATERIAL CO. COLLECTION: FRAMMENTO COLOR: BEIGE MACRO - NATURAL - RECTIFIED (BEIGE TERRAZZO) NOTE: GROUT FOR CT3 TO BE CUSTOM - #380 HAYSTACK. SPACED AT 1/16" UNLESS OTHERWISE NOTED.	

RUBBER BASE TYPES:

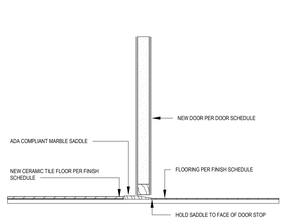
TYPE RCB1: RUBBER COVE BASE BY "JOHNSONITE" COLOR AS SELECTED BY ARCHITECT (CORRIDORS)	TYPE RCB2: RUBBER COVE BASE BY "JOHNSONITE"

CEILING TILE TYPES:

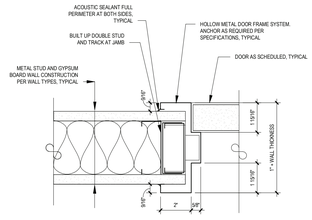
TYPE ACT1: ACOUSTIC CEILING TILE BY "ARMSTRONG" SIZE: 24" X 24" X 3/4" STYLE: #1911 ULTIMA BEVELED TEGULAR (CORRIDORS/CLASSROOMS/OFFICES)	TYPE ACT2: ACOUSTIC CEILING TILE BY "ARMSTRONG" SIZE: 24" X 24" X 5/8" STYLE: # 770 CORTEGA SQUARE LAY-IN (STORAGE ROOMS/CUSTODIAL)
CEILING GRID: CEILING GRID BY "ARMSTRONG", 15/16" PRELUDE, WHITE, U.O.N. NOTE: ALL CEILING TILE & GRID TO BE WHITE UNLESS OTHERWISE NOTED.	

FLOOR MATERIAL TYPES

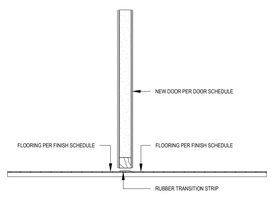
TYPE VCT1: 12" X 12" VINYL COMPOSITION TILE MANUFACTURER: ARMSTRONG 'EXCELON IMPERIAL' COLOR: AS SELECTED BY ARCHITECT (CLASSROOMS, CORRIDOR)	TYPE CT4: 12" X 24" CERAMIC FLOOR TILE MANUFACTURER: CREATIVE MATERIAL CO. COLLECTION: FRAMMENTO COLOR: BEIGE MACRO - NATURAL - RECTIFIED (BEIGE TERRAZZO) NOTE: ALL GROUT FOR FLOORS TO BE CUSTOM - #380 HAYSTACK. SPACED AT 1/16" UNLESS OTHERWISE NOTED.



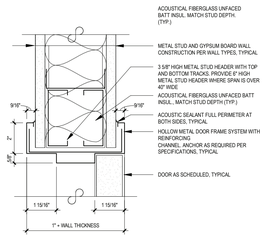
T2 THRESHOLD DETAIL 2
SCALE:1 1/2" = 1'-0"



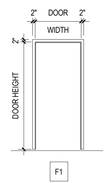
J4 DOOR JAMB DETAIL 4
SCALE:3" = 1'-0"



T4 THRESHOLD DETAIL 4
SCALE:1 1/2" = 1'-0"

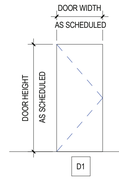


H4 DOOR HEAD DETAIL 4
SCALE:3" = 1'-0"



F1

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



D1

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

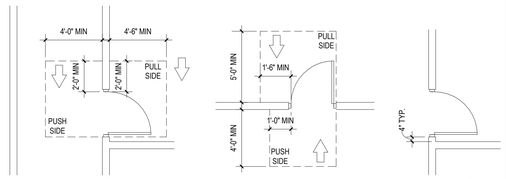
ABBREVIATIONS

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

NOTES:

1. ALL DOORS, FRAMES AND HARDWARE SHALL BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR UNLESS OTHERWISE NOTED.
2. GENERAL CONTRACTOR SHALL COORDINATE ALL KEYING WITH OWNER.
3. ALL FIRE RATED WOOD DOORS SHALL HAVE SOLID MINERAL CORE, ALL OTHER WOOD DOORS SHALL HAVE SOLID COMPOSITE LUMBER CORE.
4. 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.
5. ALL GLAZING IN DOORS SHALL BE INSTALLED IN METAL VISION KIT TO MATCH FIRE LABEL. VISION KIT COLOR SHALL BE AS SELECTED BY ARCHITECT.
6. 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.
7. 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.
8. 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.
9. ALL NEW HOLLOW METAL FRAMES AND HOLLOW METAL DOORS SHALL BE FINISH PAINTED. COLOR AS SELECTED BY ARCHITECT.
10. 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-BTCUST.
    - ▼B. WHERE DENOTED IN SCHEDULE, PROVIDE 4"x12" SIGNAGE WITH BRAILLE INDICATING ROOM NAME AND NUMBER (COORD. WITH OWNER), MODEL E-BTCUST.
    - ▼C. WHERE DENOTED IN SCHEDULE, PROVIDE 8"x8" SIGNAGE WITH BRAILLE INDICATING GENDER AND WHEELCHAIR PICTOGRAMS AND ROOM NAME AT MULTI-USE TOILET ROOMS.
      - AT MULTI-USE TOILET ROOMS, PROVIDE AND INSTALL MODEL No. X-5687 (WOMEN), X-5672 (MEN), X-7095 (BOYS), X-7096 (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 6"x9" SIGNAGE WITH BRAILLE INDICATING GENDER AND WHEELCHAIR PICTOGRAMS AND ROOM NAME AT SINGLE-USE TOILET ROOMS.
      - AT SINGLE-USE TOILET ROOMS, PROVIDE AND INSTALL MODEL No. E-BTCUST. SIGN SHALL SPECIFY STAFF OR STUDENT USE, IF REQUIRED
      - AT SINGLE-USE ACCESSIBLE TOILET ROOMS, PROVIDE AND INSTALL MODEL No. E-BTCUST. SIGN SHALL SPECIFY STAFF OR STUDENT USE, IF REQUIRED

    MANUFACTURER: "ALLSTATE SIGN AND PLAQUE" (REFER TO DOOR SCHEDULE AND FLOOR PLANS FOR SIGN TYPE AND LOCATION). ALL SIGNAGE SHALL BE SUBMITTED TO ARCHITECT FOR REVIEW AND APPROVAL.
11. ALL REMOVABLE MULLIONS ARE TO BE KEYED ALIKE AND TO MATCH EXISTING BUILDING SYSTEM.
12. GLAZING WITH SURFACE APPLIED FILMS WILL NOT BE CONSIDERED EQUIVALENT WHERE LAMINATED FILM IS SPECIFIED.



A DOOR PLAN/DETAIL — NOT TO SCALE — CONFORM TO ANSI STANDARDS FOR FRONT APPROACH

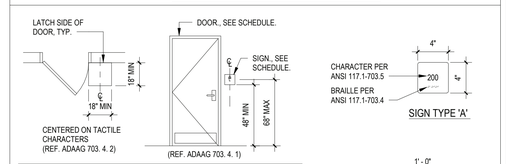
B DOOR PLAN/DETAIL — NOT TO SCALE — CONFORM TO ANSI STANDARDS FOR LATCH SIDE APPROACH

C DOOR PLAN/DETAIL — NOT TO SCALE — DOOR PLACEMENT TYPICAL/ UNLESS OTHERWISE NOTED

DOOR PLACEMENT DETAILS

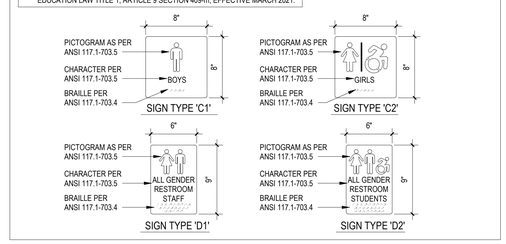
SCALE: N.T.S.

TYPICAL ADA SIGNAGE DETAILS



NOTES:

1. SIGNS SHALL BE PROVIDED AND LOCATED AS REQUIRED BY CURRENT EDITIONS OF THE INTERNATIONAL BUILDING CODE AND REFERENCE STANDARD ICC ANSI 117.1 AND THE PROJECT MANUAL.
2. LOCATIONS SHALL INCLUDE, BUT NOT LIMITED TO: ACCESSIBLE BUILDING ENTRANCES, AREAS OF REFUGE, OFFICES, CLASSROOMS, TOILETS, STAIRWAYS, ELEVATORS AND AS INDICATED ON DRAWINGS.
3. SIGNS SHALL COMPLY WITH ICC ANSI A117.1-2017 OR CURRENT EDITION AND SECTION 10441 OF THE PROJECT MANUAL.
4. SIGNAGE FOR ALL SINGLE OCCUPANCY TOILET FACILITIES SHALL FOLLOW EDUCATION LAW TITLE 1, ARTICLE 9 SECTION 409-m, EFFECTIVE MARCH 2021.



REV.	DATE	ITEM
1	11/25/2022	ADDENDUM # 1
2	12/07/2022	BID ADDENDUM # 2

NOTICE

THESE DRAWINGS ARE BASED ON CONSTRUCTION DRAWINGS NOT PREPARED BY BBS ARCHITECTS, LANDSCAPE ARCHITECTS AND ENGINEERS, PC. AND, THEREFORE, MAY NOT REPRESENT THE CONDITIONS AS CONSTRUCTED AT THE TIME. ALL EXISTING CONDITIONS SHOWN ARE REPRESENTED AS SUGGESTIVE INFORMATION AS THEY MAY NOT HAVE BEEN BUILT AND DETAILED PER THE ORIGINAL DOCUMENTS OR PER THE OWNER'S INFORMATION.

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

DWG/TITLE: DOOR SCHEDULE, FINSIH SCHEDULE AND DETAILS

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: DOOR SCHEDULE, FINSIH SCHEDULE AND DETAILS
SCALE: AS NOTED
DATE: 12/7/2022
BID P/U DATE: 3:47:45 PM
FILE NO. 21-274D

A8.01 TES

GENERAL NOTES

1. 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.

2. 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 W/ 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.

3. 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.

4. 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.

5. 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.

6. 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 CONTRACTOR'S COST AS A PART OF THIS CONTRACT.

7. 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 OWNER'S REPRESENTATIVE. CONTRACTOR SHALL MAKE REPAIRS USING THE SAME OR EQUIVALENT MATERIALS. WORK WILL BE PERFORMED AT THE CONTRACTOR'S COST.

8. CONTRACTOR SHALL INCUR ANY COSTS OR BURDENS ASSOCIATED WITH LOST OR STOLEN EQUIPMENT / MATERIALS.

9. 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.

10. PROVIDE FOR LEGAL REMOVAL / DISPOSAL OF ALL RUBBISH / DEBRIS FROM THE BUILDING & SITE. PROTECT ALL WORK NOT SLATED FOR DEMOLITION.

11. 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.

12. CONTRACTOR SHALL OBTAIN ALL PERMITS, PAY ALL FEES, CONNECTION CHARGES, ETC. ASSOCIATED WITH THE WORK UNDER THEIR CONTRACT.

13. PAINT / TOUCH UP ALL SURFACES MARRED AS A RESULT OF THE PERFORMANCE OF THE CONTRACT WORK.

14. 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.

15. 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.

16. EACH PIECE OF EQUIPMENT SHALL BE PROVIDED WITH A PERMANENT TYPE LAMINATED, 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.

17. "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 PEICE OF EQUIPMENT & TURN OVER TO OWNER.

18. 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.

19. MAINTENANCE MANUAL: UPON COMPLETION OF THE PROJECT, THE MECHANICAL CONTRACTOR SHALL PROVIDE A BINDER CONTAINING THE OPERATIONS & MAINTENANCE MANUALS FOR EACH NEW PEICE OF EQUIPMENT INSTALLED UNDER THIS PROJECT. THE FIRST SECTION OF THE MAINTENANCE MANUAL SHALL CONTAIN A LIST OF EACH PEICE 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 PEICE OF EQUIPMENT USED.

BOILER ROOM and PIPING NOTES

1. 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.

2. 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.

3. 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.

4. 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.

5. ALL VALVES WITHIN PIPING SYSTEMS SHALL BE TAGGED USING A 1-1/2" 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.

6. MECHANICAL CONTRACTOR SHALL SUBMIT (3) SETS OF OPERATING MANUALS FOR EACH PIECE / TYPE OF MECHANICAL EQUIPMENT.

7. 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

1. 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.

2. 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. 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.

3. 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.

4. MECHANICAL CONTRACTOR SHALL PROVIDE A FULL SET OF AS-BUILT DRAWINGS, SHOWING EACH DAMPER LOCATION, TYPE OF DAMPER, ACCESS DOOR LOCATIONS, ETC.
5. CONTRACTOR SHALL REFER TO SPECIFICATION SECTION 15511 FOR FURTHER DETAILS REGARDING FIRESTOPPING MATERIALS & METHODS.

6. 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

1. 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.

2. 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

1. 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 COCK IN RISER PRIOR TO AUTOMATIC AIR VENT. NEW AIR VENTS SHALL BE "TACO" #HY-VENT OR EQUIVALENT.

2. 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.

3. MECHANICAL CONTRACTOR SHALL PROVIDE NEW MANUAL AIR VENTS FOR ALL UNIT VENTILATOR COILS, CONVECTORS, FAN COIL UNITS, FIN TUBE RADIATORS, ETC. MANUAL VENTS SHALL BE "TACO" #417 COIN VENT OR EQUIVALENT. PROVIDE SHUT-OFF COCK PRIOR TO VENT. AIM COIN VENT DISCHARGE IN AN APPROPRIATE MANNER AS TO FACILITATE THE CAPTURE OF BLEED WATER WHILE PERFORMING SYSTEM BLEEDING OPERATIONS.

ELECTRICAL WORK UNDER MECHANICAL CONTRACT

1. 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.

2. 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

1. PROVIDE ALL NEW DUCTWORK AS SHOWN AND SPECIFIED UNDER SPECIFICATION SECTION 015891, AND IN CONFORMANCE WITH 'SMACNA' SPECIFICATIONS.

2. IF A DUCT ELBOW IS SHOWN TO BE RADIUSED, THEN RADIUSED ELBOWS SHALL BE INSTALLED. SQUARE ELBOWS MAY NOT BE SUBSTITUTED WHERE RADIUSED ELBOWS ARE SHOWN. WHERE SQUARE ELBOWS ARE SHOWN, TURNING VANES SHALL BE INSTALLED UPON APPROVAL BY THE ENGINEER.

3. 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 UNIT(S). 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.

4. 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.

5. 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.

6. 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

1. 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.

2. 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.

3. 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
F&T	FLOAT & THERMOSTATIC
FPM	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
G	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
REQ'D.	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
24x12 / 20"-	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
42x18 FO	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 CILING 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)
P.A.	PIPING ANCHOR
	PIPING GUIDE
	COLD WATER SUPPLY PIPING
HWS	HEATING SYSTEM SUPPLY PIPING
HWR	HEATING SYSTEM RETURN PIPING
	CHILLED WATER SUPPLY PIPING
	CHILLED WATER RETURN PIPING
	CONDENSER WATER SUPPLY PIPING
	CONDENSER WATER RETURN PIPING
CD	CONDENSATE DRAINAGE PIPING
LPC	LOW PRESSURE STEAM CONDENSATE PIPING
LPS	LOW PRESSURE STEAM PIPING
G	LOW PRESSURE NATURAL GAS PIPING
EG	ELEVATED PRESSURE NATURAL GAS PIPING
	GAS COCK
	DIRT LEG IN PIPING
LP	LIQUEFIED PETROLEUM GAS PIPING
V	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 CETTER
	TRIPLE DUTY VALVE
	WAFER VALVE
	PLUG / CAP IN PIPING
	PNEUMATIC CONTROL VALVE OPERATOR
	ELECTRIC CONTROL VALVE OPERATOR
	AUTOMATIC AIR VENT
	EXISTING PIPING

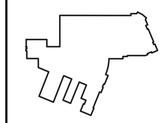
NOTE - SINGLE PRIME CONTRACT:

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
1	12.07.22	BID ADDENDUM #2

NOTICE

THESE DRAWINGS ARE BASED ON CONSTRUCTION DRAWINGS NOT PREPARED BY BBS ARCHITECTS, LANDSCAPE ARCHITECTS AND ENGINEERS, PC. AND, THEREFORE, MAY NOT REPRESENT THE CONDITIONS AS CONSTRUCTED AT THE TIME. ALL EXISTING CONDITIONS SHOWN ARE REPRESENTED AS SUGGESTIVE INFORMATION AS THEY MAY NOT HAVE BEEN BUILT AND DETAILED PER THE ORIGINAL DOCUMENTS OR PER THE OWNER'S INFORMATION.



KEY PLAN

NOT TO SCALE

PROJECT

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

DWG TITLE

MECHANICAL
GENERAL NOTES, LEGENDS, AND SCHEDULES

DRAWING BY: R.D.P.

CHECK BY:

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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:

BID PICK-UP: NOVEMBER 14, 2022

FILE No: 21-247D

M0.01

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 FLUSHOMETER MODEL 6065.121.002 LOW CONSUMPTION (1.28 G.P.F.) AND ALL NECESSARY SUPPORTS AND CONNECTIONS. FURNISH WITH AMERICAN STANDARD ELONGATED HEAVY DUTY WHITE PLASTIC SEAT MODEL 5901 , 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 605XTM/1070 THERMOSTATIC MIXING VALVE, GRID STRAINER AND TRUEBRO MODEL 2018-AS-L LAV SHIELD ENCLOSURE AND ALL NECESSARY SUPPORTS AND CONNECTIONS. REFER TO ARCHITECTURAL DWGS. FOR FIXTURE MOUNTING HEIGHTS. P.C. TO FURNISH AND INSTALL McGuire 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-125-2, P.C. TO FURNISH AND INSTALL McGuire MODELS# LFST07 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,COMPRESSION). ASME A112.18.2 UPC LOW-LEAD. P.C. TO FURNISH AND INSTALL LAVATORY CARRIER(CONCEALED ARMS). REFER TO THE ARCHITECTURAL DRAWINGS FOR WALL THICKNESS. WALL CARRIER FOOTPRINT SHLL 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#7723.018 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-BZ1-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 LK39 3-1/2" 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
T	TEMPERED WATER LINE
V	VENT LINE
SW	SANITARY WASTE LINE
	BALANCING VALVE
	BALL VALVE
	UNION
CODP	CLEAN OUT DECK PLATE
WPCO	CLEANOUT IN WALL -
CO	CLEAN OUT
UP	PIPE RUNNING UP
DN	PIPE RUNNING DOWN
FD	FLOOR DRAIN
RD	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 INCREASER 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.

EPA 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 15A SPECIFICATIONS OUTLINING 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 "LEADFREE" 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 DOH SECTION 1417 OF THE FEDERAL SAFE WATER ACT, THE P.C. SHALL PROVIDE A REPLACEMENT FIXTURE AT NO ADDITIONAL COST, TO THEN REPEAT THE INSTALLATION AND TESTING REQUIREMENTS. 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 VERFITICATION 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

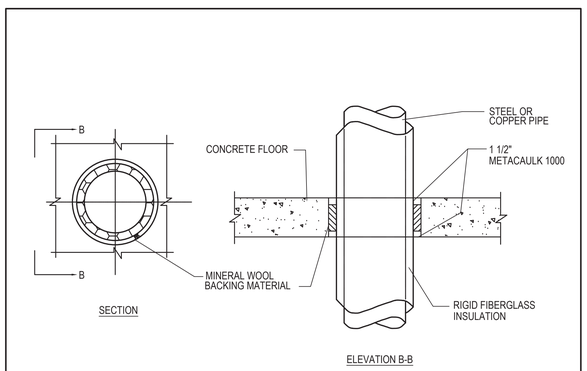
PLUMBING DEMOLITION NOTES:

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 PUMBING FIXTURE.

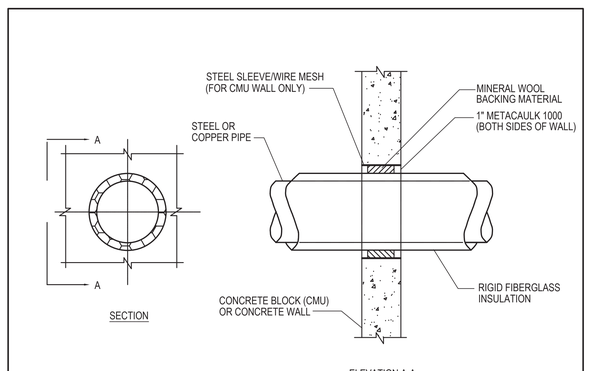
NOTE - SINGLE PRIME CONTRACT:

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.



1 PIPING FLOOR PENETRATION

SCALE: N.T.S.

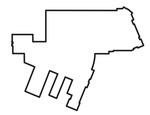


2 PIPING WALL PENETRATION

SCALE: N.T.S.

REV.	DATE	ITEM
1	12.07.22	BID ADDENDUM #2

NOTICE



KEY PLAN

NOT TO SCALE

PROJECT

BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVMENTS
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:

NOTICE

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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:	
BID PICK-UP:	NOVEMBER 14, 2022
FILE No:	21-247D

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