BLIND BROOK - RYE UNION FREE SCHOOL DISTRICT

DISTRICT ADMINISTRATION OFFICES

390 NORTH RIDGE STREET, RYE BROOK, NY 10573

PHASE 3 - BOND IMPROVEMENTS

AT

MIDDLE SCHOOL - HIGH SCHOOL

840 KING STREET
RYE BROOK, NY 10573
SED No.: 66-19-05-02-0-002-022

BRUNO M. PONTERIO
RIDGE STREET ELEMENTARY SCHOOL

390 NORTH RIDGE STREET
RYE BROOK, NY 10573
SED No.: 66-19-05-02-0-001-018

LIST of DRAWINGS

MIDDLE SCHOOL - HIGH SCHOOL

ARCHITECTURAL

A0.01 FIRST FLOOR CODE COMPLIANCE PLAN
A0.02 SECOND FLOOR CODE COMPLIANCE PLAN
A1.01 FIRST FLOOR DEMOLITION PLANS
A1.02 SECOND FLOOR DEMOLITION PLANS
A2.00 PARTITION TYPES
A2.01 PROPOSED FLOOR PLANS
A2.02 ENLARGED TOILET ROOM PLANS
A2.03 PLAN DETAILS
A3.01 SKYLIGHT REPLACEMENT PLANS and DETAILS
A7.01 ENLARGED ELEVATOR PLANS and SECTION
A8.01 DOOR SCHEDULE and DETAILS
A9.00 FINISH SCHEDULE
A9.01 FINISH FLOOR PLANS and REFLECTED CEILING PLANS
A11.00 CASEWORK PLAN NOTES and DETAILS
A11.01 CASEWORK ELEVATIONS
A11.03 FURNITURE NOTES and DETAILS

MECHANICAL

M0.01 MECHANICAL GENERAL NOTES, LEGEND, and KEY PLAN
M1.01 MECHANICAL DEMOLITION and NEW 1st FLOOR PLANS
M1.02 MECHANICAL DEMOLITION and NEW 2nd FLOOR PLANS
M1.03 MECHANICAL DEMOLITION and NEW TOILET ROOM PLANS
M6.01 MECHANICAL SCHEDULES and DETAILS

PLUMBING

P0.01 PLUMBING GENERAL NOTES, KEY PLAN, and DETAILS
P1.01 PLUMBING DEMOLITION and NEW TOILETS PLANS and SCHEDULE
P1.02 PLUMBING DEMOLITION and NEW 1st FLOOR PLAN
P1.03 PLUMBING DEMOLITION and NEW 2nd FLOOR PLAN

ELECTRICAL

E0.01 ELECTRICAL GENERAL NOTES PLAN
E1.01 ELECTRICAL DEMOLITION PLAN
E1.02 ELECTRICAL DEMOLITION PLAN - AUDITORIUM
E3.01 ELECTRICAL PROPOSED LIGHTING PLAN
E4.01 ELECTRICAL PROPOSED POWER PLAN
E5.01 ELECTRICAL PROPOSED SPECIAL SYSTEM PLAN
E6.01 ELECTRICAL ROOM AND RISER DIAGRAM PLAN
E6.02 ELECTRICAL PROPOSED PLAN - AUDITORIUM
E6.03 ELECTRICAL PROPOSED PLAN - AUDITORIUM
E6.04 ELECTRICAL PROPOSED PLAN - AUDITORIUM
E6.05 ELECTRICAL PROPOSED PLAN - AUDITORIUM DETAILS
E6.06 ELECTRICAL PROPOSED PLAN - AUDITORIUM DETAILS
E6.07 ELECTRICAL PROPOSED PLAN - AUDITORIUM DETAILS
E6.08 ELECTRICAL PROPOSED PLAN- AUDITORIUM RIGGING SECTION AND ELEVATION

TECHNOLOGY

E9.00 TECHNOLOGY GENERAL NOTES
E9.01 TECHNOLOGY DATA PLAN

RIDGE STREET ELEMENTARY SCHOOL

ARCHITECTURAL

A0.01 BASEMENT and LOWER LEVEL CODE COMPLIANCE PLAN
A1.01 DEMOLITION and PROPOSED PLANS
A8.01 DOOR SCHEDULE and DETAILS
A9.00 FINISH SCHEDULE NOTES and DETAILS
A9.01 FINISH FLOOR PLANS and REFELECTED CEILING PLANS

MECHANICAL

M0.01 MECHANICAL GENERAL NOTES, LEGEND, and KEY PLAN
M1.01 MECHANICAL DEMOLITION AND NEW PLANS
M6.01 MECHANICAL SCHEDULES
M6.02 MECHANICAL DETAILS

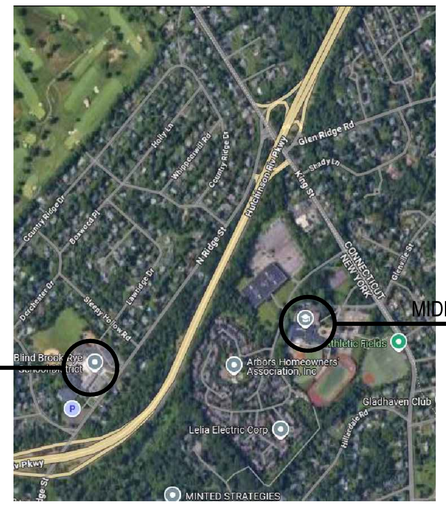
ELECTRICAL

E0.01 ELECTRICAL GENERAL NOTES PLAN
E6.01 ELECTRICAL DEMO and PROPOSED PLAN - LOWER LEVEL
E6.02 ELECTRICAL DEMO and PROPOSED PLAN - FIRST FLOOR
E6.03 ELECTRICAL PROPOSED POWER PLAN

TECHNOLOGY

E9.00 TECHNOLOGY GENERAL NOTES
E9.01 TECHNOLOGY DATA PLAN
E10.01 TECHNOLOGY DETAILS

LOCATION MAP



MAP DATA ©GOOGLE

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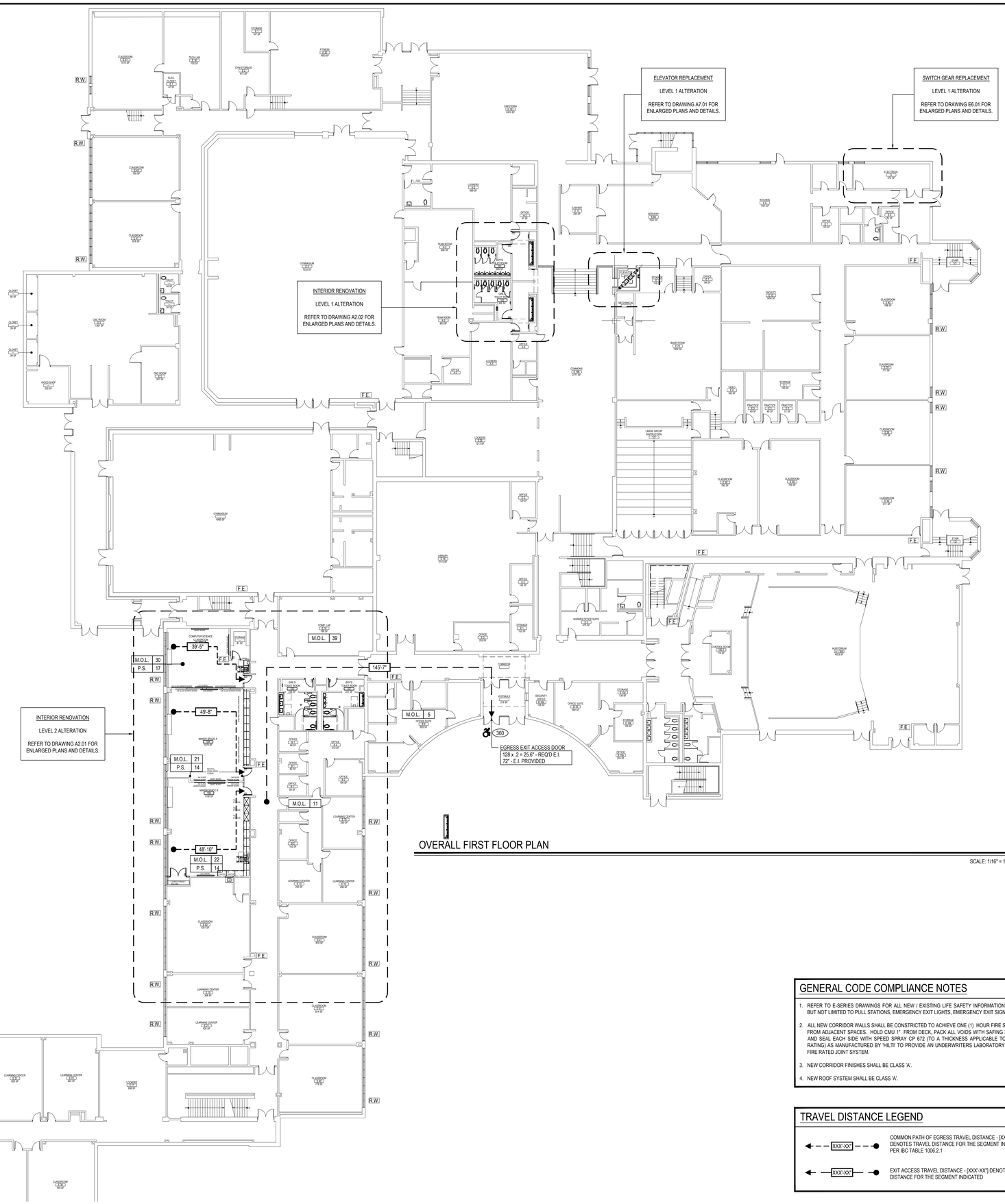
ARCHITECTS CERTIFICATION

THE UNDERSIGNED CERTIFIES THAT TO THE BEST OF HIS KNOWLEDGE, INFORMATION, AND BELIEF, THE PLANS AND SPECIFICATIONS ARE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE, THE CONSTRUCTION STANDARDS OF THE EDUCATION DEPARTMENT, NEW YORK STATE DEPARTMENT OF LABOR RULE 56, EPA AND AHERA REQUIREMENTS.

JOHN PRENTICE, A.I.A. LIC. No. 029824

BBS FILE No. 25-142 a,b
ISSUED FOR BID: DECEMBER 15, 2025



OVERALL FIRST FLOOR PLAN

SCALE: 1/16" = 1'-0"

CODE COMPLIANCE SYMBOL LEGEND

SYMBOL	DESCRIPTION
F.E.	NEW OR EXISTING FIRE EXTINGUISHER
D.F.	NEW OR EXISTING DRINKING FOUNTAIN
S.D.	NEW OR EXISTING SMOKE DOOR
R.W.	RESCUE WINDOW LOCATION
360	DOOR / STAIR EXITING CAPACITY
E	INDICATES BUILDING ENTRANCE / EXIT
	INDICATES ACCESSIBLE ENTRANCE / EXIT
I.D.	TRUSS / JOIST IDENTIFICATION SIGN
M	DOORS ON MAGNETIC AUTOMATIC HOLD OPEN DEVICE CONNECTED TO FIRE ALARM SYSTEM
M.O.L. 45 P.S. 27	MAXIMUM OCCUPANCY LOAD AND PUPIL STATION COUNT (PER N.Y.S. BUILDING CODE) PUPIL STATION COUNT

FIRE RESISTANCE RATING DESCRIPTIONS

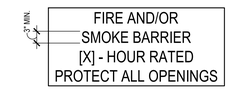
REFER TO U.L. RATED ASSEMBLY DESCRIPTIONS AND DOCUMENTATION FOR COMPLETE RATED CONSTRUCTION AND FIRE RESISTANCE REQUIREMENTS.

- SMOKE PARTITION - (1) HR RATED CONSTRUCTION - CONSTRUCT PARTITION IN ACCORDANCE WITH IBC 2018 SECTION 710 SMOKE PARTITIONS. EXTEND FROM FINISHED FLOOR TO BOTTOM OF FLOOR/ROOF STRUCTURE ABOVE AND SEAL AT TOP, BOTTOM, AND ALL PENETRATIONS TO PROHIBIT THE PASSAGE OF SMOKE THROUGH EACH SMOKE COMPARTMENT.
- FIRE PARTITION - (1) HR RATED CONSTRUCTION U.L. RATED U905/U906 OR U419
- FIRE BARRIER - (2) HR RATED CONSTRUCTION U.L. RATED U905/U906 OR U419
- FIRE WALL - (2) HR RATED CONSTRUCTION U.L. RATED U905/U906
- STRUCTURAL FIRE PROTECTION REQUIREMENTS (NON-SPRINKLERED)

  PER SECTION 903.2.3, THE FOLLOWING SHALL BE PROVIDED:
  - 2 HR. HORIZONTAL FIRE BARRIER (UL D925)
  - 2 HR. FIRE RESISTANCE RATING (UL X632) AT ALL COLUMNS SUPPORTING THE SECOND FLOOR ONLY (COLUMN FIRE PROTECTION SHALL EXTEND FROM FINISH FIRST FLOOR TO TOP OF SECOND FLOOR SLAB).

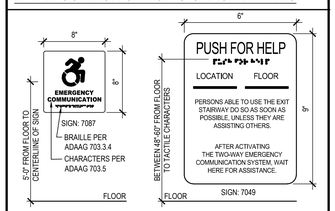
- TYPICAL 8" CMU WALL ASSEMBLY SHALL CONFORM TO U.L. DESIGN U905. PROVIDES A MAXIMUM 2 HR. RATING. (REFER TO PLAN FOR ALL 1 HR. AND 2 HR. WALL ASSEMBLY LOCATIONS) TO INCLUDE: ALL CONCRETE BLOCK SHALL BE CLASSIFIED D-2 (2HR). CONTRACTOR TO PROVIDE ARCHITECT WITH WRITTEN CERTIFICATION FROM SUPPLIER. ALL MORTAR FOR BLOCK WORK SHALL BE LAID IN FULL BED, NORMAL ⅜" THICK. VERTICAL JOINTS TO BE STAGGERED.
- TYPICAL 5" GYP. BD. WALL ASSEMBLY SHALL CONFORM TO U.L. DESIGN U419. PROVIDES A MAXIMUM 1 HR. RATING. COMPOSITION TO BE 3½" METAL STUDS WITH (1) LAYER ⅝" FIRECODE GYP. BD. EACH SIDE. CONTRACTOR TO PROVIDE ARCHITECT WITH WRITTEN CERTIFICATION FROM SUPPLIER.
- WHERE APPLICABLE IN THE U.L. DESIGN, FIRE RATINGS SHALL BE ACHIEVED UTILIZING SPRAY APPLIED FIREPROOFING ON STRUCTURAL COMPONENTS AND/OR BY DECKING MATERIAL THICKNESS AND COVERAGE AS SPECIFIED IN DESIGNATED U.L. DESIGNS.
- D925/ P819 - 2 HR. RATED FLOOR AND ROOF CONSTRUCTION - SPRAY APPLIED FIREPROOFING SHALL BE "ISOLOTEK" BLAZE SHIELD II LOW DENSITY SPRAY APPLIED FIREPROOFING OR ARCHITECT APPROVED EQUAL. REFER TO SPECIFICATION SECTION 078100 FOR ADDITIONAL INFORMATION.
- X632 - 2 HR. RATED COLUMNS - AT ALL COLUMNS SUPPORTING THE SECOND FLOOR ONLY (COLUMN FIRE PROTECTION SHALL EXTEND FROM FINISH FIRST FLOOR TO TOP OF SECOND FLOOR SLAB). THIN-FILM INTUMESCENT FIELD APPLIED COATING(S) SHALL BE 'NULLIFIRE' S606 BASECOAT (AND TOP SEAL FOR ALL EXPOSED COLUMNS). PRIMER AND TOP SEAL MUST BE COMPATIBLE WITH BASECOAT SYSTEM. REFER TO SPECIFICATION SECTION 078100 FOR ADDITIONAL INFORMATION.
- FOR FIRESTOPPING PRODUCTS AND REQUIREMENTS, REFER TO SPECIFICATION SECTION 078413 AND SECTION 078443.

FIRE RATED WALL IDENTIFICATION DETAIL



1. AS REQUIRED BY IBC SECTION 703.7; THE G.C. SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MARKING AND IDENTIFICATION SIGNS INDICATING, FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND OR SMOKE PARTITIONS AT ALL CONCEALED SPACES ABOVE ACCESSIBLE CEILINGS.
2. G.C. SHALL PROVIDE SIGNS WITHIN 15 FEET OF EACH END OF WALL AND AT INTERVALS OF 30 FEET MAX. HORIZONTALLY ALONG WALL.
3. PROVIDE SIGNS AS MANUFACTURED BY 'FIRE WALL SIGNS, INC.' OR ARCHITECT APPROVED EQUAL.
4. REFER TO CODE COMPLIANCE FLOOR PLANS FOR LOCATIONS AND APPLICABLE HOURLY DESIGNATIONS OF RATED WALL CONSTRUCTION.

2-WAY COMMUNICATION SIGNAGE DETAILS



G.C. SHALL PROVIDE AND INSTALL ONE (1) SIGN AT EACH LOCATION IDENTIFIED "A.O.R." ON THE CONTRACT DOCUMENTS. REFER TO E-SERIES DRAWINGS FOR ADDL INFO.

GENERAL CODE COMPLIANCE NOTES

1. REFER TO E-SERIES DRAWINGS FOR ALL NEW / EXISTING LIFE SAFETY INFORMATION INCLUDING BUT NOT LIMITED TO PULL STATIONS, EMERGENCY EXIT LIGHTS, EMERGENCY EXIT SIGNS, ETC.
2. ALL NEW CORRIDOR WALLS SHALL BE CONSTRICTED TO ACHIEVE ONE (1) HOUR FIRE SEPARATION FROM ADJACENT SPACES. HOLD CMU 1" FROM DECK, PACK ALL VOIDS WITH SAFING INSULATION AND SEAL EACH SIDE WITH SPEED SPRAY CP 672 (TO A THICKNESS APPLICABLE TO THE WALL RATING) AS MANUFACTURED BY 'HILTI' TO PROVIDE AN UNDERWRITERS LABORATORY APPROVED FIRE RATED JOINT SYSTEM.
3. NEW CORRIDOR FINISHES SHALL BE CLASS 'A'.
4. NEW ROOF SYSTEM SHALL BE CLASS 'A'.

TRAVEL DISTANCE LEGEND

- XXX'-XX" — COMMON PATH OF EGRESS TRAVEL DISTANCE - [XXX'-XX"] DENOTES TRAVEL DISTANCE FOR THE SEGMENT INDICATED PER IBC TABLE 1006.2.1
- XXX'-XX" — EXIT ACCESS TRAVEL DISTANCE - [XXX'-XX"] DENOTES TRAVEL DISTANCE FOR THE SEGMENT INDICATED

APPLICABLE CODE

THE PROPOSED WORK IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT VERSION OF THE SED MANUAL OF PLANNING STANDARDS, THE 2020 COMPILATION OF THE INTERNATIONAL BUILDING CODE, NEW YORK STATE VERSION, IN CONJUNCTION WITH NEW YORK STATE 2016 AND 2017 CODE SUPPLEMENTS.

REV.	DATE	ITEM

NOTICE

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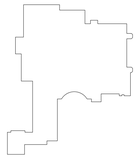

KEY PLAN

NOT TO SCALE

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

PROJECT

FIRST FLOOR CODE COMPLIANCE KEY PLAN

DWG TITLE

DRAWING BY:	P.J.H.
CHECK BY:	P.J.H.

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NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

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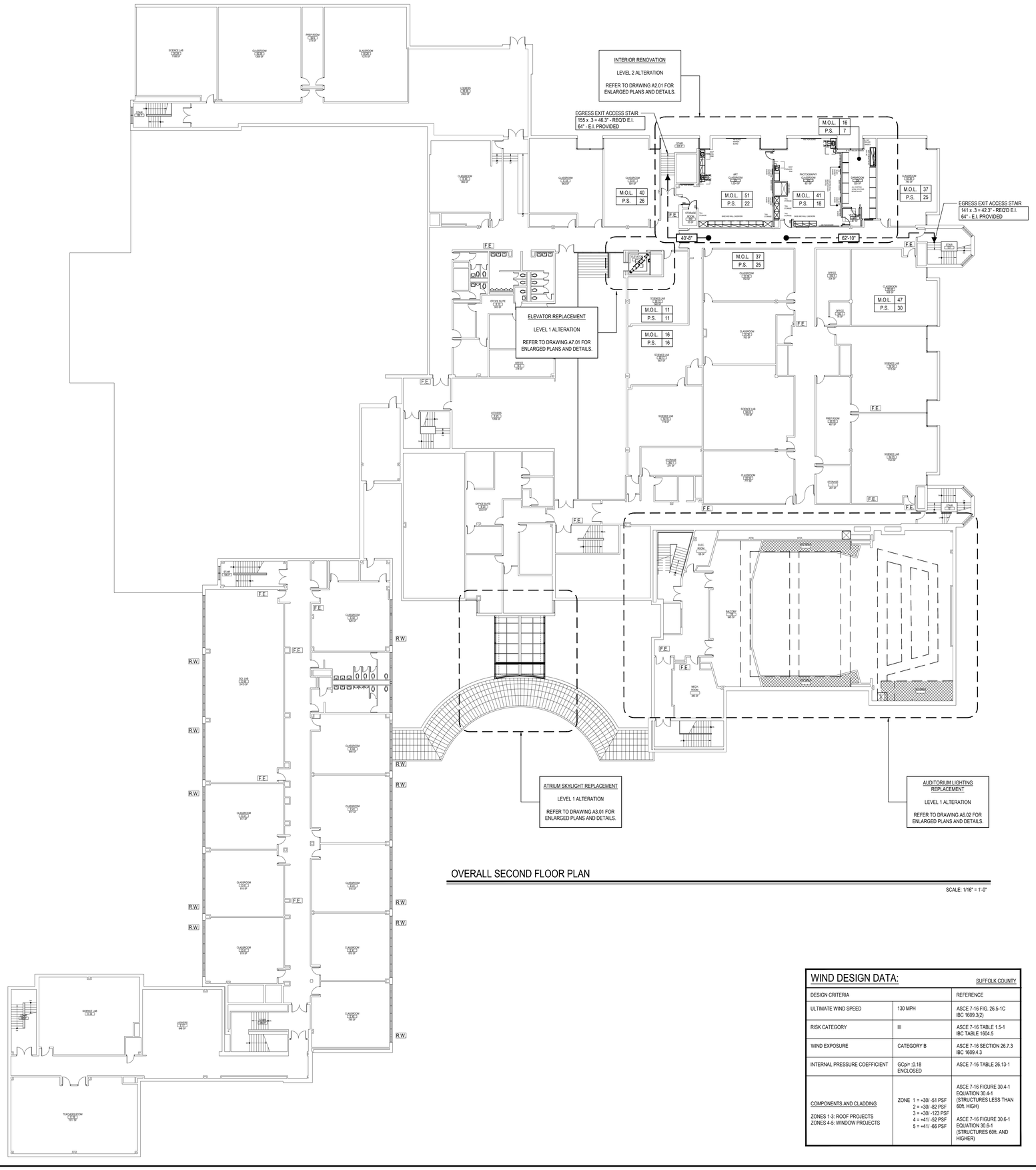
SED No.	66-19-05-02-0-002-022
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	FIRST FLOOR CODE COMPLIANCE KEY PLAN
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142a

A0.01



OVERALL SECOND FLOOR PLAN

SCALE: 1/16" = 1'-0"

GENERAL CODE COMPLIANCE NOTES

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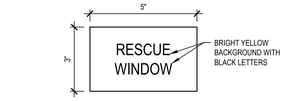
3. NEW CORRIDOR FINISHES SHALL BE CLASS 'A'.
4. NEW ROOF SYSTEM SHALL BE CLASS 'A'.

CODE COMPLIANCE SYMBOL LEGEND

SYMBOL	DESCRIPTION
F.E.	NEW OR EXISTING FIRE EXTINGUISHER
D.F.	NEW OR EXISTING DRINKING FOUNTAIN
S.D.	NEW OR EXISTING SMOKE DOOR
R.W.	RESCUE WINDOW LOCATION
360	DOOR / STAIR EXITING CAPACITY
E	INDICATES BUILDING ENTRANCE / EXIT
♿	INDICATES ACCESSIBLE ENTRANCE / EXIT
I.D.	TRUSS / JOIST IDENTIFICATION SIGN
M	DOORS ON MAGNETIC AUTOMATIC HOLD OPEN DEVICE CONNECTED TO FIRE ALARM SYSTEM
M.O.L. 45 / P.S. 27	MAXIMUM OCCUPANCY LOAD AND PUPIL STATION COUNT (PER N.Y.S. BUILDING CODE) / PUPIL STATION COUNT

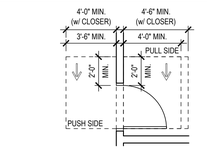
RESCUE WINDOW LABEL DETAIL



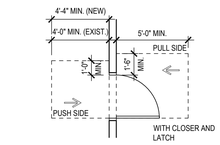
1. G.C. SHALL PROVIDE AND INSTALL NEW YORK STATE APPROVED DOUBLE SIDED 'RESCUE WINDOW' DESIGNATION STICKER AT ALL PROPOSED RESCUE WINDOW LOCATIONS DESIGNATED AS "RW" ON THE DRAWINGS.
2. REFER TO CODE COMPLIANCE PLANS FOR ADDITIONAL INFORMATION/LOCATIONS. FINAL LOCATIONS TO BE COORDINATED IN THE FIELD WITH OWNER/ARCHITECT.
3. ANY NEW OR EXISTING WINDOW COVERINGS SHALL HAVE LABELS CLEARLY VISIBLE IN ADDITION TO IDENTIFICATION ON THE WINDOW SASH. IF STICKER CAN NOT BE AFFIXED TO WINDOW COVERINGS, THE IDENTIFICATION STICKER SHALL BE PERMITTED TO BE AFFIXED TO THE WALL IMMEDIATELY ADJACENT TO THE RESCUE WINDOW.
4. TEXT SHALL READ "RESCUE WINDOW" AND BE READABLE FROM INTERIOR AND EXTERIOR. ALL DOUBLE SIDED STICKERS SHALL BE INSTALLED ON INTERIOR SIDE OF WINDOW SASH. WHERE REFLECTIVE GLAZING IS PROVIDED, A STICKER SHALL BE PROVIDED ON EACH SIDE OF THE SASH.
5. STICKER SHALL BE BRIGHT YELLOW BACKGROUND WITH BLACK LETTERING.
6. PROVIDE WINDOW OPERATING INSTRUCTIONS ON HOW TO OPERATE RESCUE WINDOW IF NOT READILY APPARENT.
7. MINIMUM CLEAR OPENING FOR RESCUE WINDOWS IS 6 SF, WITH A 24" MINIMUM DIMENSION IN ANY DIRECTION. THE WINDOWS DESIGNATED AS RESCUE WINDOWS ON THESE DRAWINGS EXCEED SAID MINIMUM DIMENSIONS.

TYPICAL ADA APPROACH CLEARANCES

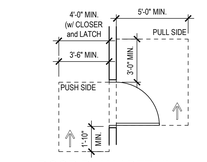
CONFORM TO ANSI A117.1-2017 STANDARDS FOR APPROACH



A DOOR PLAN / DETAIL
at LATCH APPROACH — SCALE: N.T.S.



B DOOR PLAN / DETAIL
at FRONT APPROACH w/ CLOSER and LATCH — SCALE: N.T.S.



C DOOR PLAN / DETAIL
at HINGE APPROACH — SCALE: N.T.S.

WIND DESIGN DATA:

SUFFOLK COUNTY

DESIGN CRITERIA		REFERENCE
ULTIMATE WIND SPEED	130 MPH	ASCE 7-16 FIG. 26.5-1C IBC 1609.3(2)
RISK CATEGORY	III	ASCE 7-16 TABLE 1.5-1 IBC TABLE 1604.5
WIND EXPOSURE	CATEGORY B	ASCE 7-16 SECTION 26.7.3 IBC 1609.4.3
INTERNAL PRESSURE COEFFICIENT	GCpi= ,0.18 ENCLOSED	ASCE 7-16 TABLE 26.13-1
COMPONENTS AND CLADDING ZONES 1-3: ROOF PROJECTS ZONES 4-5: WINDOW PROJECTS	ZONE 1 = +30/ -51 PSF 2 = +30/ -92 PSF 3 = +30/ -123 PSF 4 = +41/ -52 PSF 5 = +41/ -66 PSF	ASCE 7-16 FIGURE 30.4-1 EQUATION 30.4-1 (STRUCTURES LESS THAN 60ft. HIGH) ASCE 7-16 FIGURE 30.6-1 EQUATION 30.6-1 (STRUCTURES 60ft. AND HIGHER)

APPLICABLE CODE

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REV.	DATE	ITEM

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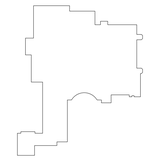

KEY PLAN

NOT TO SCALE

PROJECT

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE

SECOND FLOOR CODE COMPLIANCE KEY PLAN

DRAWING BY: P.J.H.
CHECK BY: P.J.H.

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NEW YORK 11772
T. 631.475.0349
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SED No.	66-19-05-02-0-002-022
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
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DWG TITLE	SECOND FLOOR CODE COMPLIANCE KEY PLAN
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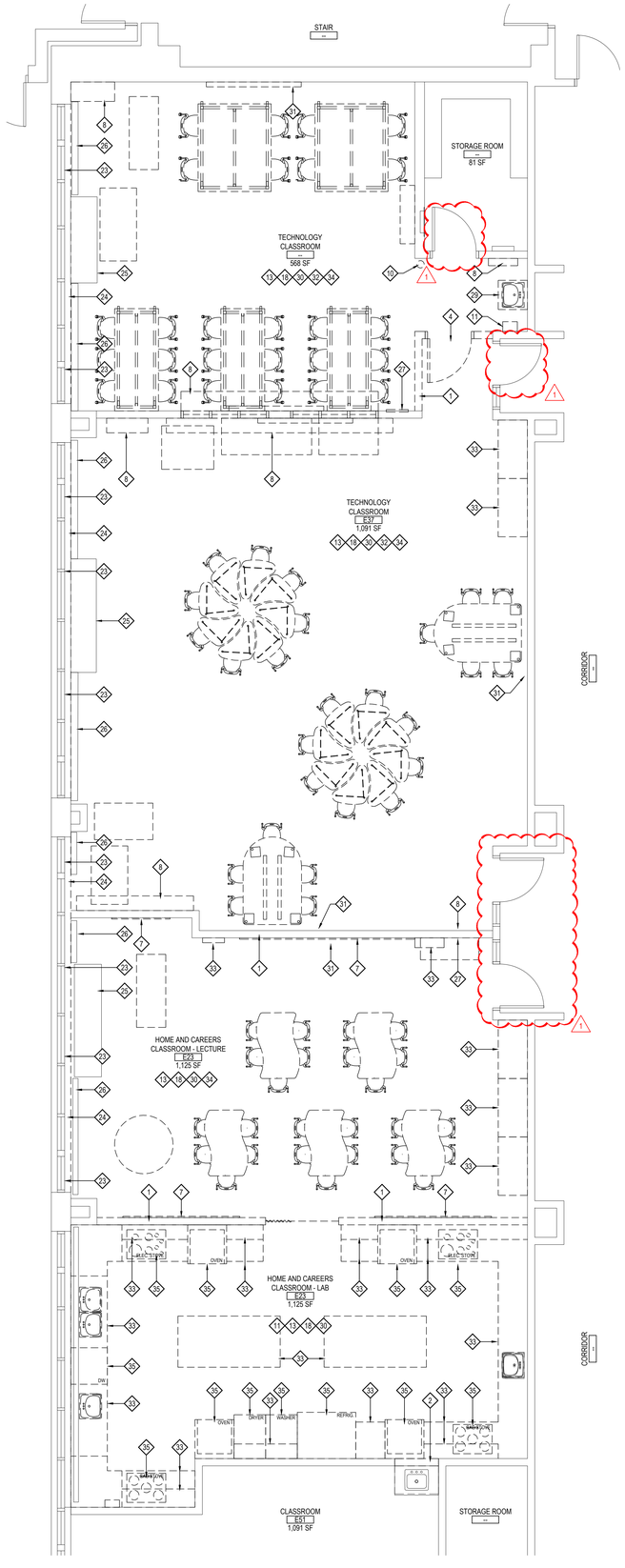
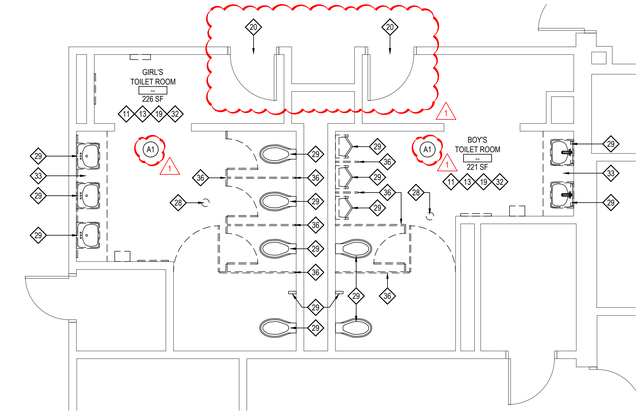
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142a

A0.02



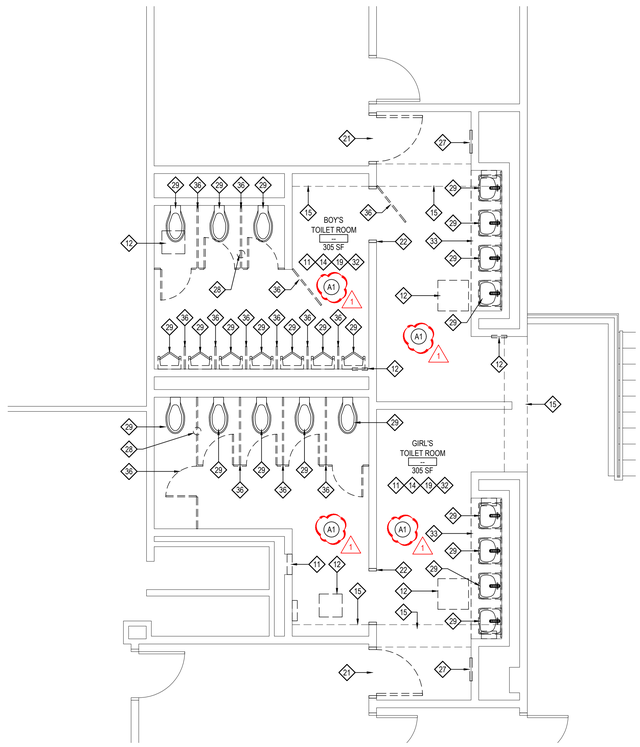
FIRST FLOOR DEMOLITION PLAN

at TECHNOLOGY CLASSROOMS — SCALE: 1/4" = 1'-0"



FIRST FLOOR DEMOLITION PLAN

at MIDDLE SCHOOL TOILET ROOMS — SCALE: 1/4" = 1'-0"



FIRST FLOOR DEMOLITION PLAN

at COMMONS TOILET ROOMS — SCALE: 1/4" = 1'-0"

DEMOLITION KEY NOTES

(REFER TO THE TESTING REPORTS PRIOR TO ANY REMOVALS)

1. EXISTING GYP. BD AND METAL STUD WALL TO BE REMOVED AND DISPOSED OF. PATCH AND REPAIR REMAINING ADJACENT GYP. BD. TO MATCH ADJACENT SURFACES.
2. PORTION OF EXISTING GYP. BD. AND METAL STUD WALL TO BE REMOVED AND DISPOSED OF FOR PLUMBING ACCESS. PATCH AND REPAIR UPON COMPLETION OF WORK SCOPE.
3. EXISTING MASONRY WALL TO BE REMOVED AND DISPOSED OF IN IT'S ENTIRETY INCLUDING ANY DOORS, FRAMES, VISION-LITES, ETC. AS INDICATED ON FLOOR PLANS.
4. EXISTING GYP. BD. AND METAL STUD FRAMED WALL TO BE REMOVED AND DISPOSED OF IN IT'S ENTIRETY INCLUDING ANY DOORS, FRAMES, VISION-LITES, ETC. AS INDICATED ON FLOOR PLANS.
5. INFILL EXISTING MASONRY OPENING. (TOOTH-IN)
6. EXISTING COLUMN ENCLOSURES TO REMAIN. PREP, PRIME AND PAINT.
7. EXISTING WALL MOUNTED CHALKBOARD, MARKERBOARD, TACKBOARD, WOOD PANELS, OR MIRROR TO BE REMOVED AND DISPOSED OF.
8. EXISTING WALL MOUNTED SHELVING AND SUPPORT BRACKETS TO BE REMOVED AND DISPOSED OF.
9. EXISTING PROJECTION SCREEN AND MOUNTING BRACKETS TO BE REMOVED AND DISPOSED OF.
10. EXISTING WALL MOUNTED FIRE EXTINGUISHER AND / OR AED CABINET TO BE REMOVED AND TURNED OVER TO THE DISTRICT.
11. EXISTING WALL MOUNTED TOILET ROOM ACCESSORIES TO BE REMOVED AND TURNED OVER TO THE DISTRICT.
12. EXISTING ACCESS DOOR TO BE REMOVED AND REPLACED BY G.C. VERIFY SIZE IN FIELD.
13. EXISTING ACOUSTICAL CEILING TILE AND GRID TO BE REMOVED AND DISPOSED OF IN IT'S ENTIRETY.
14. EXISTING GYP. BD / PLASTER CEILING AND ASSOCIATED STRUCTURE TO BE REMOVED AND DISPOSED OF IN IT'S ENTIRETY.
15. EXISTING GYP. BD. / PLASTER SOFFIT TO BE REMOVED AND REPLACED.
16. EXISTING SKYLIGHT WELL TO BE MODIFIED FOR CEILING REPLACEMENT SCOPE OF WORK.
17. G.C. SHALL SAWCUT EXISTING CONCRETE FLOOR AS REQUIRED FOR MECHANICAL, ELECTRICAL AND / OR PLUMBING SCOPE OF WORK. REFER TO M-P- OR E- SERIES DRAWINGS. COORDINATE IN FIELD.
18. EXISTING VCT FLOORING, RUBBER COVE BASE AND ANY ADHESIVE AND / OR MASTIC TO BE REMOVED AND DISPOSED OF. EXISTING FLOOR SLAB SHALL BE CLEANED OF ALL DEBRIS AND PREPPED FOR FLASH PATCHING.
19. EXISTING CERAMIC FLOOR AND COVE TILE, AND MUD BASE AND/OR RUBBER COVE BASE TO BE REMOVED AND DISPOSED OF. PROVIDE SELF-LEVELING FOR NEW FINISH FLOORING.
20. EXISTING MARBLE SADDLE TO BE REMOVED AND REPLACED.
21. EXISTING DOOR TO BE REMOVED AND DISPOSED OF. EXISTING FRAME TO REMAIN. MODIFY FOR NEW DOOR HARDWARE. PREP, PRIME AND PAINT. COLOR AS SELECTED BY ARCHITECT.
22. EXISTING HOLLOW METAL FRAME TO BE REMOVED AND REPLACED. PATCH AND REPAIR ADJACENT CMU WALLS TO MATCH EXISTING. (TOOTH-IN) PREP, PRIME AND PAINT. COLOR AS SELECTED BY ARCHITECT.
23. EXISTING WINDOW TREATMENTS AND SUPPORTS TO BE REMOVED AND DISPOSED OF. PATCH ALL ADJACENT FINISHES TO MATCH EXISTING.
24. EXISTING WOOD AND / OR PLASTIC LAMINATE WINDOW STOOL AND APRON TO BE REMOVED AND REPLACED. PREP EXISTING SURFACE FOR INSTALLATION OF NEW WINDOW STOOL AND APRON.
25. EXISTING UNIT VENTILATOR AND ASSOCIATED PIPING TO REMAIN.
26. EXISTING FIN TUBE, ENCLOSURE AND ASSOCIATED PIPING TO REMAIN.
27. EXISTING HVAC TRANSFER, SUPPLY OR RETURN GRILLE TO BE REMOVED AND REPLACED BY M.C.
28. EXISTING CLEANOUT COVER AND / OR FLOOR DRAIN TO BE REMOVED AND REPLACED BY P.C.
29. EXISTING PLUMBING / SANITARY FIXTURES AND ASSOCIATED PIPING TO BE REMOVED AND DISPOSED OF BY P.C.
30. EXISTING WALL MOUNTED EMERGENCY LIGHTING, CONDUIT, WIRE MOLD, SPEAKERS, FIRE ALARM APPURTENANCES, ETC. TO BE REMOVED AND DISPOSED OF IN THEIR ENTIRETY BY E.C. G.C. TO PATCH EXISTING SURFACES TO MATCH ADJACENT WHERE SCHEDULED TO REMAIN.
31. EXISTING WALL MOUNTED TV MONITOR AND / OR SMARTBOARD AND ASSOCIATED CONDUITS TO BE REMOVED AND TURNED OVER TO DISTRICT.
32. ALL EXISTING RECESSED OR SURFACE MOUNTED LIGHT FIXTURES, FIRE ALARM APPURTENANCES, EXIT SIGNS, SPEAKERS, ETC. SHALL BE DISCONNECTED, REMOVED AND DISPOSED OF BY E.C.
33. EXISTING CASEWORK (BASE CABINETS, WALL CABINETS, TALL CABINETS, ETC.) TO BE REMOVED AND DISPOSED OF IN THEIR ENTIRETY BY THE G.C. DISCONNECTS BY P.C. AND E.C. AS REQUIRED. COORDINATE IN FIELD.
34. ALL LOOSE FURNISHINGS, FILE CABINETS, DESKS, SHELVING, ETC. TO BE REMOVED BY OWNER.
35. EXISTING KITCHEN APPLIANCES TO BE DISCONNECTED, REMOVED AND TURNED OVER TO THE DISTRICT. E.C., M.C. OR P.C. TO DISCONNECT, G.C. TO REMOVE. G.C. TO INFILL GYP. BD. TO MATCH ADJACENT.
36. EXISTING TOILET PARTITION TO BE REMOVED AND DISPOSED OF IN IT'S ENTIRETY.

DEMOLITION SYMBOL LEGEND

SYMBOL	DESCRIPTION
	EXISTING CONSTRUCTION TO BE REMOVED (PATCH ALL REMAINING SURFACES)
	EXISTING FLOOR SLAB TO BE SAWCUT TO ACCOMMODATE NEW UNDER SLAB UTILITIES. REFER TO SAWCUT DETAIL FOR ADDITIONAL INFORMATION.
X	KEYED NOTE
# / AX.XX	DETAIL TAG DETAIL NUMBER DRAWING NUMBER
XX / XX.XX	SECTION / ELEVATION TAG DETAIL NUMBER DRAWING NUMBER
XXXX / XXX / XXX SF	ROOM TAG ROOM NAME ROOM NUMBER ROOM AREA
1	REVISION CLOUD AND KEYED DESIGNATION. REFER TO DRAWING TITLEBLOCK FOR ADDITIONAL INFORMATION.

DEMOLITION and REMOVAL NOTES

1. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVALS, UNLESS NOTED OTHERWISE. MECHANICAL, PLUMBING AND ELECTRICAL CONTRACTORS SHALL BE RESPONSIBLE FOR ALL DISCONNECTS. G.C. TO COORDINATE DEMOLITION WITH M.C., P.C., AND E.C. REFER TO M.E.P. SERIES DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION AND DEMOLITION SCOPE BY GENERAL CONTRACTOR NOT SHOWN THIS DRAWING. TYPICAL FOR ALL AREAS OF INTERIOR DEMOLITION AND / OR RECONSTRUCTION.
2. ALL OPENINGS IN EXISTING INTERIOR AND EXTERIOR WALLS SHALL BE PATCHED AS REQUIRED AND MASONRY TOOTHED-IN TO MATCH ADJACENT.
3. G.C. SHALL PATCH, REPLACE, OR REPAIR DAMAGE CAUSED TO EXIST. FLOOR, WALLS, ROOF, ETC. SHOWN TO REMAIN AS A RESULT OF DEMOLITION TO PRIOR CONDITION OR MATCH ADJACENT NEW CONSTRUCTION.
4. G.C. SHALL VERIFY ALL REMOVALS W/ OWNERS REPRESENTATIVE/OWNER, AND M.C., P.C., OR E.C. PRIOR TO COMMENCEMENT.
5. NOTED WALL REMOVALS SHALL INCLUDE ALL DOORS, WINDOWS AND FRAMES WHERE SHOWN.
6. REFER TO STRUCTURAL DRAWINGS FOR LINTEL SCHEDULE.

HAZARDOUS MATERIALS NOTES

1. OWNER HAS EMPLOYED AN ENVIRONMENTAL CONSULTANT TO PERFORM DESIGN-PHASE INSPECTION AND TESTING FOR ASBESTOS, LEAD AND / OR PCBs. SUCH REPORTS ARE CONTAINED IN THE PROJECT MANUAL AND MAY CONTAIN ADDITIONAL REQUIREMENTS BEYOND THOSE SHOWN IN THE CONSTRUCTION DRAWINGS AND DIVISION 1 RELATED SPECIFICATIONS.
2. CONSTRUCTION DRAWINGS INDICATE EXTENT OF HAZARDOUS MATERIALS REMOVALS, WHICH MAY BE ASSUMED OR CONFIRMED POSITIVE. CONTRACTOR SHALL VERIFY QUANTITIES OF SUCH MATERIALS AND ACCOUNT FOR THEM IN THE BID.
3. CONTRACTOR SHALL EMPLOY A PROPERLY CREDENTIALED HAZARDOUS MATERIALS SUBCONTRACTOR AS REQUIRED FOR THE SCOPE OF WORK AT HAND.
4. ASBESTOS ABATEMENT SHALL BE PERFORMED IN ACCORDANCE WITH NYS INDUSTRIAL CODE RULE 56.
5. REMOVAL OF LEAD CONTAINING CONSTRUCTION MATERIALS SHALL BE PERFORMED IN ACCORDANCE WITH FEDERAL HUD REGULATIONS AND THE EPA'S RRP RULE. THE WORK OF THIS PROJECT IS NOT INTENDED TO BE A LEAD ABATEMENT.
6. WHERE WORK INVOLVES LEAD CONTAINING CONSTRUCTION MATERIALS, WIPE TESTS WILL BE PERFORMED UPON FINAL CLEANING. FAILURE WILL REQUIRE RE-CLEANING BY THE CONTRACTOR.
7. PCB REMOVALS SHALL BE PERFORMED IN ACCORDANCE WITH FEDERAL EPA REGULATIONS AS ENFORCED BY NYS DEC. IF SUCH MATERIALS ALSO CONTAIN ASBESTOS, THEN SUCH MATERIALS SHALL BE HANDLED AND DISPOSED OF PER BOTH NYS DEC AND NYS ICR 56.
8. CONTRACTOR SHALL COORDINATE HAZARDOUS MATERIALS REMOVAL ACTIVITIES WITH THE OWNER'S ENVIRONMENTAL CONSULTANT FOR APPROPRIATE PROJECT MONITORING.
9. IF ANY SUSPECT MATERIALS ARE DISCOVERED DURING DEMOLITION THAT ARE OUTSIDE OF THE IDENTIFIED SCOPE OF WORK, THE CONTRACTOR SHALL CEASE REMOVAL AND NOTIFY THE ARCHITECT.
10. THE FOLLOWING HAZARDOUS MATERIAL REMOVAL KEY NOTES CORRESPOND TO THE CONSTRUCTION DRAWINGS:
    - (A1) ASBESTOS CONTAINING FLOORING AND MASTIC.
    - (L1) LEAD CONTAINING CERAMIC TILE.

REV. 1/2025

REV.	DATE	ITEM
01	01/20/26	BID ADD. NO. 02

NOTICE

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KEY PLAN

NOT TO SCALE

PROJECT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE: FIRST FLOOR DEMOLITION PLANS

DRAWING BY: P.J.H.
CHECK BY: P.J.H.

NOTICE

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BBS
ARCHITECTS
LANDSCAPE ARCHITECTS
ENGINEERS

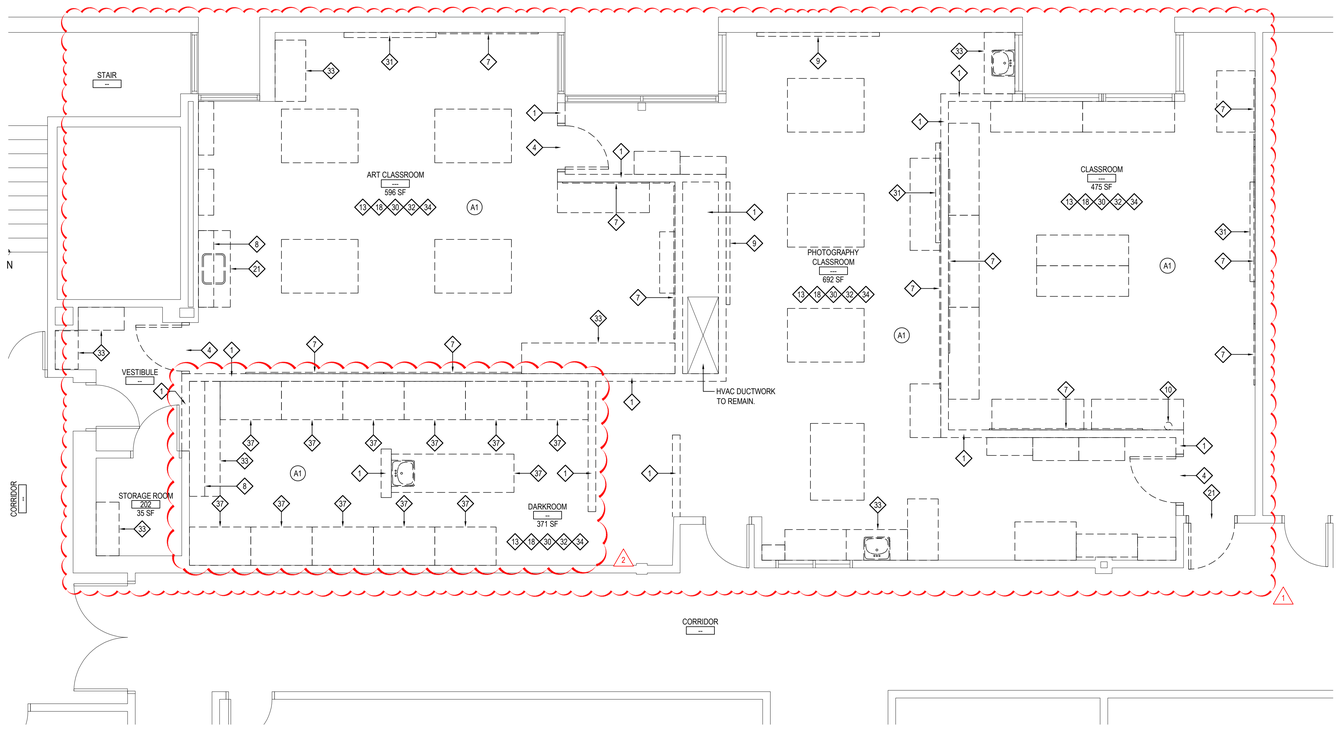
244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

100 GREAT OAKS BLVD.
SUITE 115, ALBANY
NEW YORK 12203
T. 518.621.7650
F. 518.621.7655

www.BBSARCHITECTURE.com

SED No. 66-19-05-02-0-002-022
DISTRICT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT: PHASE 3 - BOND IMPROVEMENTS
DWG TITLE: FIRST FLOOR DEMOLITION PLANS
SCALE: AS NOTED
DATE: AUGUST 2025
BID PICK-UP: DECEMBER 15, 2025
FILE No: 25-142a

A1.01



SECOND FLOOR DEMOLITION PLAN

at ART ROOM SUITE

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

G.C. TO REMOVE VENTILATION ASSEMBLY IN ITS ENTIRETY. TO BE INSTALLED IN NEW DARK ROOM. REFER TO M-SERIES AND E-SERIES DRAWING FOR DETAILS.

G.C. TO REMOVE DEVELOPMENT SINK ASSEMBLY IN ITS ENTIRETY. TO BE INSTALLED IN NEW DARK ROOM. REFER TO P-SERIES DRAWINGS FOR DETAILS.

1 EXISTING DEVELOPMENT SINK AND VENTILATION SYSTEM

NOTE:

SCALE: NOT TO SCALE

DEMOLITION KEY NOTES

(REFER TO THE TESTING REPORTS PRIOR TO ANY REMOVALS)

1. EXISTING GYP. BD AND METAL STUD WALL TO BE REMOVED AND DISPOSED OF. PATCH AND REPAIR REMAINING ADJACENT GYP. BD. TO MATCH ADJACENT SURFACES.
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36. EXISTING TOILET PARTITION TO BE REMOVED AND DISPOSED OF IN IT'S ENTIRETY.
37. G.C. TO REMOVE EXISTING, STUDENT WORK STATIONS, DEVELOPMENT SINK BASIN, STAND, VENTILATION HOOD AND ALL ASSOCIATED COMPONENTS. G.C. INSTALLED IN NEW DARKROOM LOCATION. P.C. AND E.C. TO COORDINATE WITH G.C. ON NEW PLUMBING AND ELECTRICAL SUPPLY.

2

REV. 1 / 2026

DEMOLITION SYMBOL LEGEND

SYMBOL	DESCRIPTION
	EXISTING CONSTRUCTION TO BE REMOVED (PATCH ALL REMAINING SURFACES)
	EXISTING FLOOR SLAB TO BE SAWCUT TO ACCOMMODATE NEW UNDER SLAB UTILITIES. REFER TO SAWCUT DETAIL FOR ADDITIONAL INFORMATION.
2	KEYED NOTE
# / AX.XX	DETAIL TAG DETAIL NUMBER DRAWING NUMBER
XX / XX.XX	SECTION / ELEVATION TAG DETAIL NUMBER DRAWING NUMBER
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4. G.C. SHALL VERIFY ALL REMOVALS W/ OWNERS REPRESENTATIVE/OWNER, AND M.C., P.C., OR E.C. PRIOR TO COMMENCEMENT.
5. NOTED WALL REMOVALS SHALL INCLUDE ALL DOORS, WINDOWS AND FRAMES WHERE SHOWN.
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7. PCB REMOVALS SHALL BE PERFORMED IN ACCORDANCE WITH FEDERAL EPA REGULATIONS AS ENFORCED BY NYS DEC. IF SUCH MATERIALS ALSO CONTAIN ASBESTOS, THEN SUCH MATERIALS SHALL BE HANDLED AND DISPOSED OF PER BOTH NYS DEC AND NYS ICR 56.
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9. IF ANY SUSPECT MATERIALS ARE DISCOVERED DURING DEMOLITION THAT ARE OUTSIDE OF THE IDENTIFIED SCOPE OF WORK, THE CONTRACTOR SHALL CEASE REMOVAL AND NOTIFY THE ARCHITECT.
10. THE FOLLOWING HAZARDOUS MATERIAL REMOVAL KEY NOTES CORRESPOND TO THE CONSTRUCTION DRAWINGS:
    - A1 ASBESTOS CONTAINING FLOORING AND MASTIC.
    - L1 LEAD CONTAINING CERAMIC TILE.

REV.	DATE	ITEM
01	01/20/26	BID ADD. NO. 02
02	02/06/26	BID ADD. NO. 05

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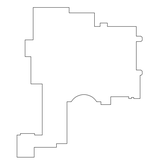

KEY PLAN

NOT TO SCALE

PROJECT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE: SECOND FLOOR DEMOLITION PLANS

DRAWING BY: P.J.H.
CHECK BY: P.J.H.

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PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

100 GREAT OAKS BLVD.
SUITE 115, ALBANY
NEW YORK 12203
T. 518.621.7650
F. 518.621.7655

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SED No. 66-19-05-02-0-002-022

DISTRICT: BLIND BROOK UNION FREE SCHOOL DISTRICT

PROJECT: PHASE 3 - BOND IMPROVEMENTS

DWG TITLE: SECOND FLOOR DEMOLITION PLANS

SCALE: AS NOTED
DATE: AUGUST 2025
BID PICK-UP: DECEMBER 15, 2025
FILE No: 25-142a

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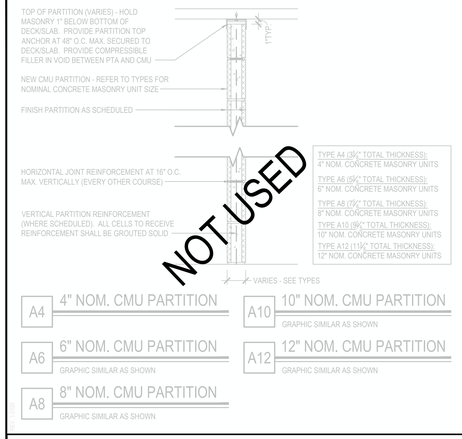


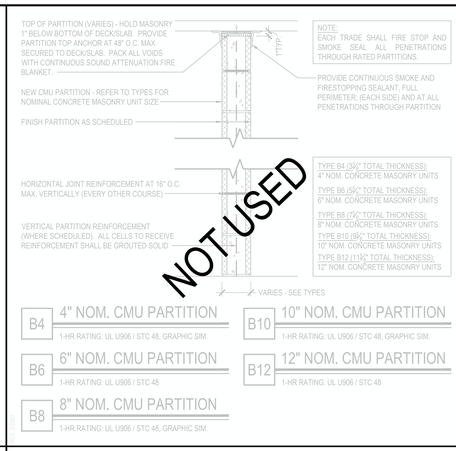
A4 4" NOM. CMU PARTITION

A10 10" NOM. CMU PARTITION
GRAPHIC SIMILAR AS SHOWN

A6 6" NOM. CMU PARTITION
GRAPHIC SIMILAR AS SHOWN

A12 12" NOM. CMU PARTITION
GRAPHIC SIMILAR AS SHOWN

A8 8" NOM. CMU PARTITION
GRAPHIC SIMILAR AS SHOWN



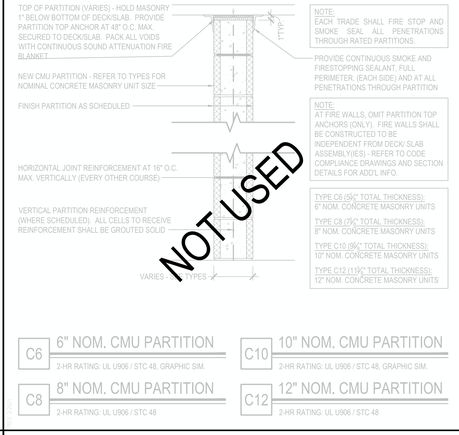
B4 4" NOM. CMU PARTITION
1-HR RATING: UL U906 / STC 48, GRAPHIC SIM.

B10 10" NOM. CMU PARTITION
1-HR RATING: UL U906 / STC 48, GRAPHIC SIM.

B6 6" NOM. CMU PARTITION
1-HR RATING: UL U906 / STC 48

B12 12" NOM. CMU PARTITION
1-HR RATING: UL U906 / STC 48

B8 8" NOM. CMU PARTITION
1-HR RATING: UL U906 / STC 48, GRAPHIC SIM.

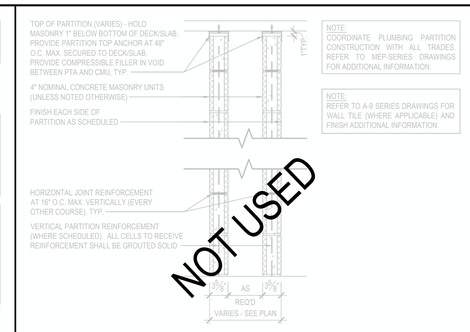


C6 6" NOM. CMU PARTITION
2-HR RATING: UL U906 / STC 48, GRAPHIC SIM.

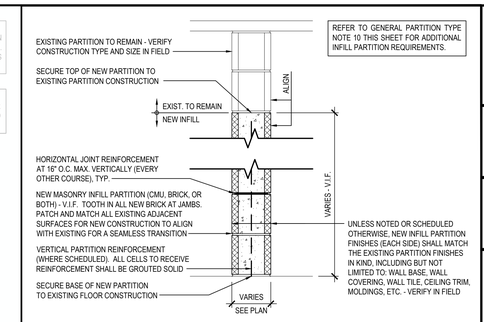
C10 10" NOM. CMU PARTITION
2-HR RATING: UL U906 / STC 48, GRAPHIC SIM.

C8 8" NOM. CMU PARTITION
2-HR RATING: UL U906 / STC 48

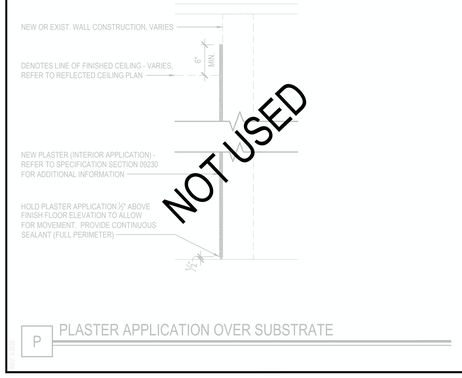
C12 12" NOM. CMU PARTITION
2-HR RATING: UL U906 / STC 48



D CMU PLUMBING PARTITION
REFER TO ENLARGED TOILET ROOM PLANS FOR ADDITIONAL INFORMATION



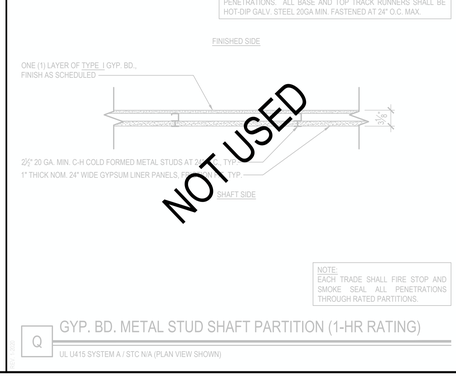
E MASONRY INFILL PARTITION
CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS IN FIELD



F5 5" NOM. GYP. BD. METAL STUD PARTITION
NON-RATED / NON-BEARING INTERIOR PARTITION

F7 7" NOM. GYP. BD. METAL STUD PARTITION
NON-RATED / NON-BEARING INTERIOR PARTITION, GRAPHIC SIMILAR AS SHOWN

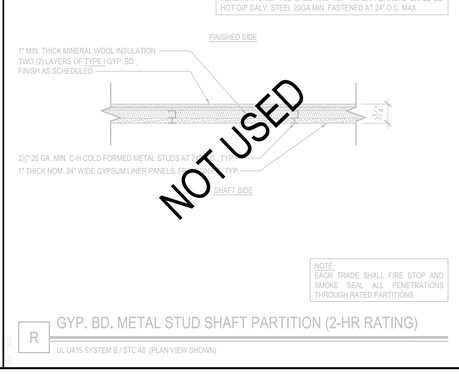
F9 9" NOM. GYP. BD. METAL STUD PARTITION
NON-RATED / NON-BEARING INTERIOR PARTITION, GRAPHIC SIMILAR AS SHOWN



G5 5" NOM. GYP. BD. METAL STUD PARTITION (1-HR RATING)
UL U419 / STC 49, NON-BEARING INTERIOR PARTITION

G7 7" NOM. GYP. BD. METAL STUD PARTITION (1-HR RATING)
UL U419 / STC 49, NON-BEARING INTERIOR PARTITION, GRAPHIC SIMILAR AS SHOWN

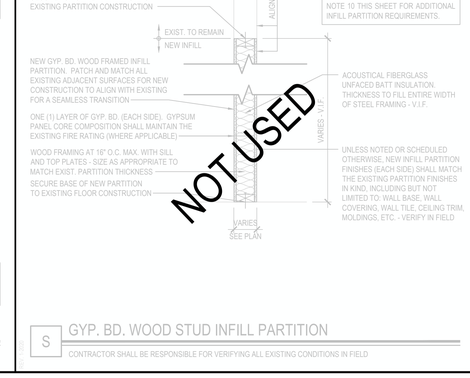
G9 9" NOM. GYP. BD. METAL STUD PARTITION (1-HR RATING)
UL U419 / STC 49, NON-BEARING INTERIOR PARTITION, GRAPHIC SIMILAR AS SHOWN



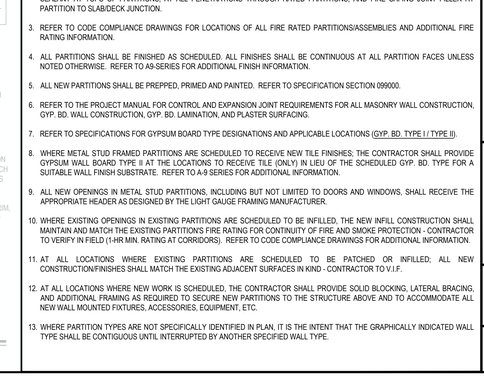
H6 6" NOM. GYP. BD. METAL STUD PARTITION (2-HR RATING)
UL U419 / STC 54, NON-BEARING INTERIOR PARTITION

H9 9" NOM. GYP. BD. METAL STUD PARTITION (2-HR RATING)
UL U419 / STC 54, NON-BEARING INTERIOR PARTITION, GRAPHIC SIMILAR AS SHOWN

H11 11" NOM. GYP. BD. METAL STUD PARTITION (2-HR RATING)
UL U419 / STC 54, NON-BEARING INTERIOR PARTITION, GRAPHIC SIMILAR AS SHOWN



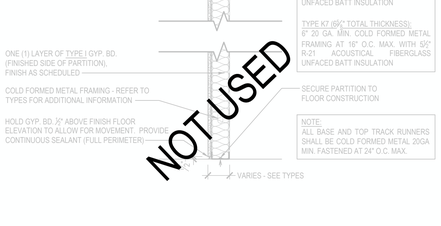
I GYP. BD. LAMINATION OVER SUBSTRATE



J1 GYP. BD. OVER 7/8" METAL FURRING

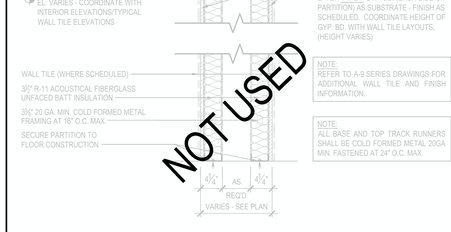
J2 GYP. BD. OVER 1-5/8" METAL FURRING
GRAPHIC SIMILAR AS SHOWN

J3 GYP. BD. OVER 2-1/2" METAL FURRING
GRAPHIC SIMILAR AS SHOWN

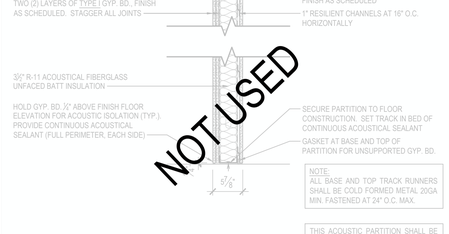


K4 4" NOM. GYP. BD. METAL STUD PARTITION - SINGLE SIDED

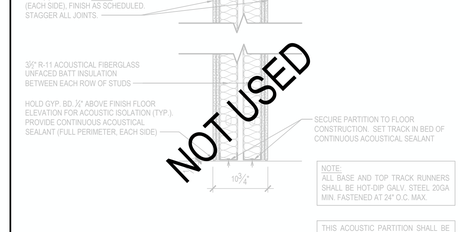
K7 7" NOM. GYP. BD. METAL STUD PARTITION - SINGLE SIDED



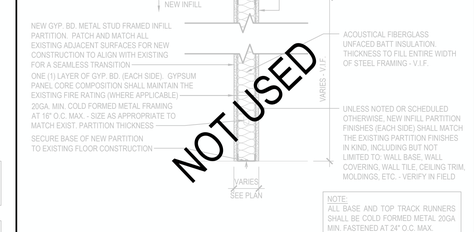
L GYP. BD. METAL STUD PLUMBING PARTITION
REFER TO ENLARGED TOILET ROOM PLANS FOR ADDITIONAL INFORMATION



M GYP. BD. METAL STUD ACOUSTICAL PARTITION
UL U452 / STC 58



N GYP. BD. METAL STUD ACOUSTICAL PARTITION
UL U493 / STC 66



O GYP. BD. METAL STUD INFILL PARTITION
CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS IN FIELD

P PLASTER APPLICATION OVER SUBSTRATE

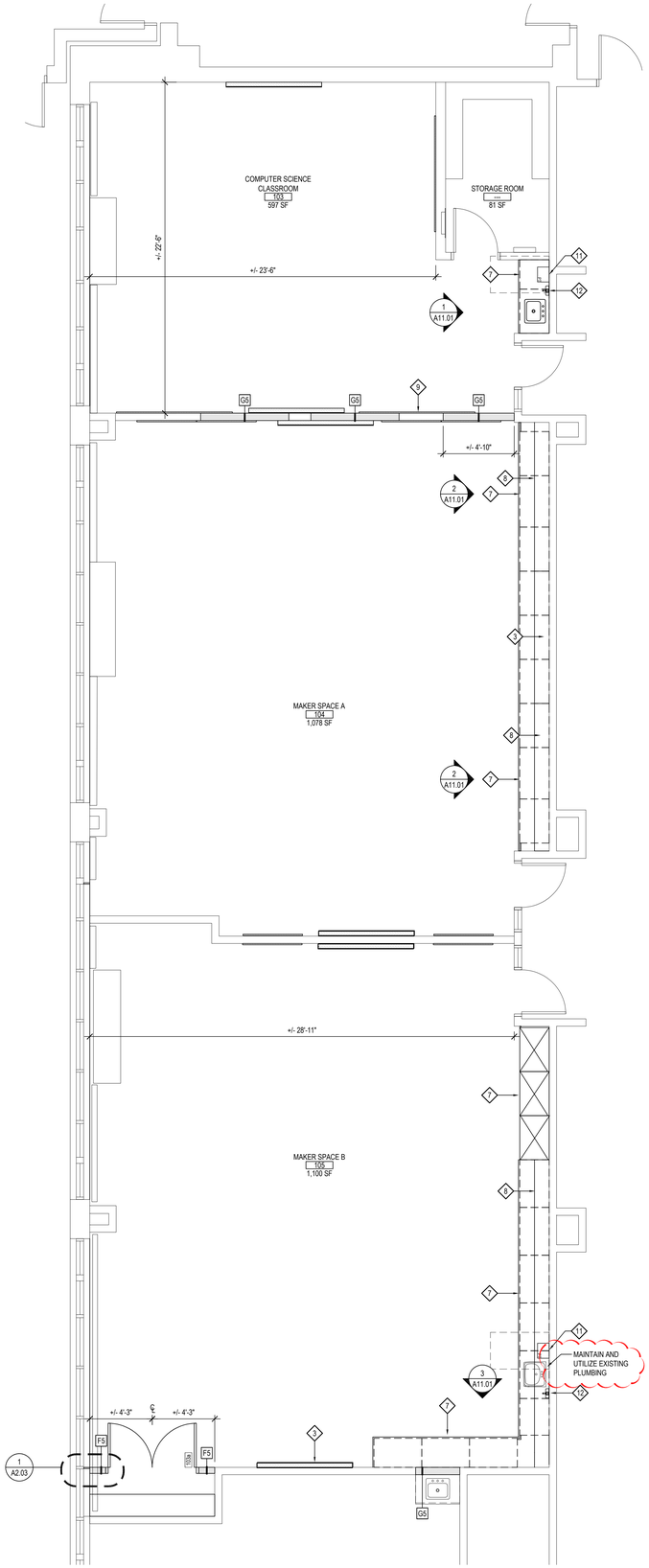
Q GYP. BD. METAL STUD SHAFT PARTITION (1-HR RATING)
UL U415 SYSTEM A / STC N/A (PLAN VIEW SHOWN)

R GYP. BD. METAL STUD SHAFT PARTITION (2-HR RATING)
UL U415 SYSTEM B / STC 48 (PLAN VIEW SHOWN)

S GYP. BD. WOOD STUD INFILL PARTITION
CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS IN FIELD

GENERAL PARTITION TYPE NOTES:

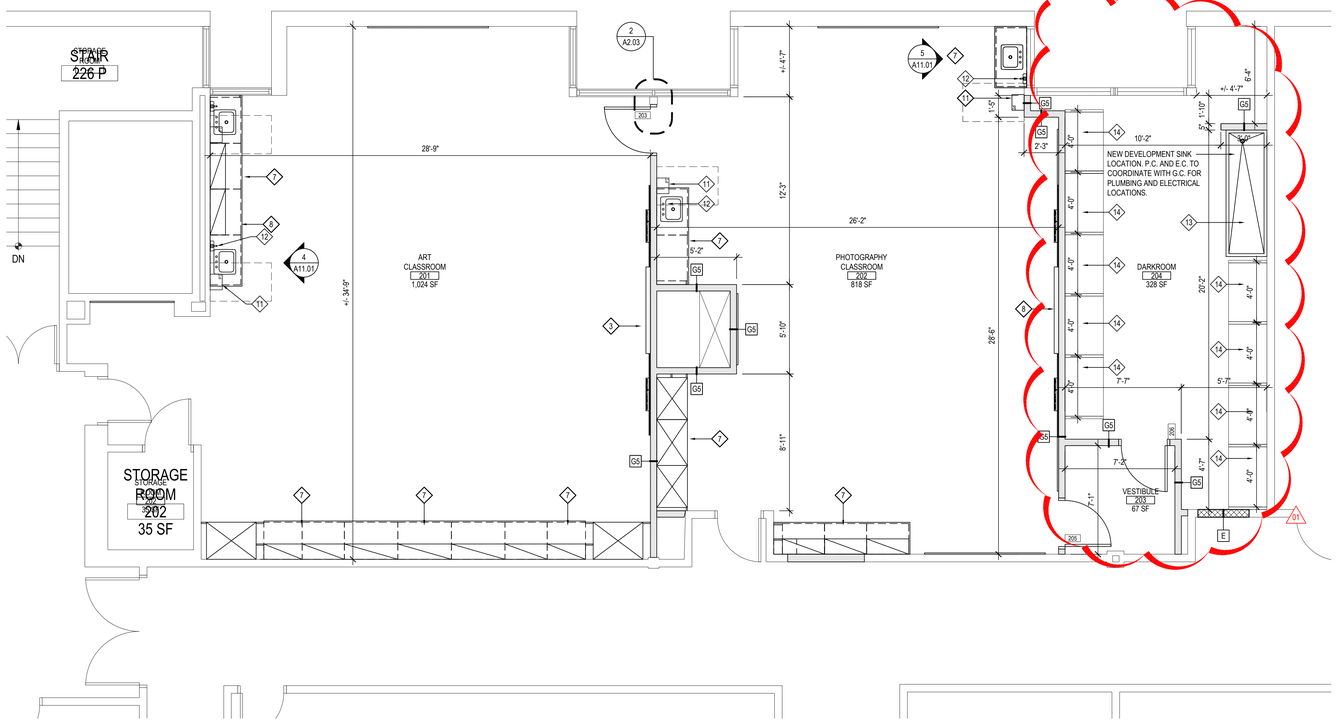
1. ALL PARTITIONS SHALL EXTEND TO UNDERSIDE OF A FLOOR SLAB OR ROOF DECK UNLESS OTHERWISE NOTED.
2. AT ALL PARTITIONS THAT ARE DESIGNATED TO BE FIRE RATED PARTITIONS; PROVIDE CONTINUOUS SMOKE AND FIRESTOPPING SEALANT AT TOPS OF PARTITIONS; AT ALL PENETRATIONS THROUGH RATED PARTITIONS; AND FIRE SAFING JOINT FILLER AT PARTITION TO SLAB/DECK JUNCTION.
3. REFER TO CODE COMPLIANCE DRAWINGS FOR LOCATIONS OF ALL FIRE RATED PARTITIONS/ASSEMBLIES AND ADDITIONAL



PROPOSED FIRST FLOOR PLAN

at TECHNOLOGY CLASSROOMS

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



PROPOSED SECOND FLOOR PLAN

at ART ROOM SUITE

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

GENERAL CONSTRUCTION NOTES

1. GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING AND PROCEEDING WITH WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES IN WRITING PRIOR TO START OF WORK.
2. IN ACCORDANCE WITH STATE AND LOCAL CODES, THE REQUIRED EXITS IN THE EXISTING BUILDING MUST BE KEPT CLEAR, MAINTAINED AND PROTECTED DURING THE CONSTRUCTION PERIOD.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS REQUIRED FOR ESTIMATING.
4. ALL WORK AND MATERIAL OF THIS PROJECT AND ADJACENT SURFACES SHALL BE PROTECTED FROM DAMAGE. IN THE EVENT OF DAMAGE, THE CONTRACTOR SHALL IMMEDIATELY MAKE ALL REPAIRS AND REPLACEMENT NECESSARY TO THE APPROVAL OF THE ARCHITECT AND OWNER AND AT NO ADDITIONAL COST TO OWNER.
5. CONTRACTOR SHALL PROTECT ALL AREAS OF WORK FROM INCLEMENT WEATHER DURING AND AT THE END OF DAILY WORK OPERATIONS.
6. ALL PROJECT WASTE MATERIAL AND RUBBISH SHALL BE DISPOSED IN CONTAINERS PROVIDED BY THE CONTRACTOR FOR SUBSEQUENT LEGAL OFF-SITE DISPOSAL. CONTAINER LOCATION TO BE COORDINATED WITH THE OWNER & CONSTRUCTION MANAGER. OFF-SITE DISPOSAL TO BE ON A REGULAR BASIS.
7. ALL INTERIOR SURFACES DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED AND/OR REPLACED TO MATCH EXISTING CONDITIONS TO THE APPROVAL OF THE ARCHITECT AND OWNER.
8. ALL DEBRIS, DUST AND DIRT CAUSED BY WORK OF THIS CONTRACT SHALL BE REMOVED FROM SITE BY APPROPRIATE MEANS. RESTORE ALL CONDITIONS TO THE STATE OF CLEANLINESS THAT EXISTED PRIOR TO COMMENCEMENT OF WORK.
9. ALL DEMOLITION AND CONSTRUCTION WORK TO BE PERFORMED WITHOUT INTERRUPTION OF OWNER OPERATIONS. IF INTERRUPTION IS NECESSARY, WORK MUST NOT PROCEED UNTIL WRITTEN APPROVAL HAS BEEN OBTAINED FROM OWNER.
10. ALL CONTRACTORS ARE TO COORDINATE INSTALLATION OF THEIR WORK WITH EACH OTHER AND WITH THE WORK BEING PERFORMED UNDER SEPARATE CONTRACTS BY OTHERS AND WORK PERFORMED BY THE OWNERS VENDOR(S).
11. REFER TO CONSTRUCTION IMPLEMENTATION PLANS AND CONSTRUCTION SPECIAL PROVISIONS (PREPARED BY OTHERS, IF APPLICABLE) FOR ALL REQUIREMENTS FOR TEMPORARY CONSTRUCTION.

PROPOSED KEY NOTES

1. 4'-0"H x 4'-0"W TACKBOARD PROVIDED AND INSTALLED BY G.C.
2. 4'-0"H x 6'-0"W TACKBOARD PROVIDED AND INSTALLED BY G.C.
3. LARGE INTERACTIVE DISPLAY PROVIDED AND INSTALLED BY OWNER. G.C. TO PROVIDE BLOCKING. E.C. TO PROVIDE ALL ELECTRICAL COMPONENTS. REFER TO E-SERIES DRAWINGS.
4. LCD MONITOR PROVIDED AND INSTALLED BY E.C. G.C. TO PROVIDE BLOCKING. COORDINATE IN FIELD. REFER TO E-SERIES DRAWINGS.
5. PROVIDE AND INSTALL PHENOLIC RESIN WINDOW SILLS. MATCH WIDTH OF EXISTING MASONRY OPENING. REFER TO A11- SERIES DRAWINGS.
6. NEW OR RELOCATED HVAC SUPPLY/RETURN/TRANSFER GRILLE PROVIDED BY M.C., INSTALLED BY G.C. PROVIDE NEW LOOSE LINTEL WHERE SHOWN ON PLANS.
7. CLASSROOM CASEWORK BY CASEWORK CONTRACTOR VIA SEPARATE PURCHASE ORDER. COORDINATE IN FIELD. REFER TO A11- SERIES DRAWINGS FOR REFERENCE.
8. ELECTRICAL OR TECHNOLOGY EQUIPMENT BY E.C. REFER TO E-SERIES DRAWINGS.
9. WALL MOUNTED MECHANICAL EQUIPMENT BY M.C. REFER TO M-SERIES DRAWINGS.
10. NOTE NOT USED
11. OWNER TO PROVIDE, G.C. TO INSTALL NEW ROLL PAPER TOWEL DISPENSER.
12. OWNER TO PROVIDE, G.C. TO INSTALL NEW WALL MOUNTED SOAP DISPENSER.
13. G.C. TO RELOCATE AND INSTALL EXISTING DEVELOPMENT TABLE AND VENTILATION SYSTEM TO NEW DARKROOM LOCATION. *SEE E/WP SERIES DRAWINGS FOR DETAILS.* PROVIDE AND INSTALL NEW STAINLESS STEEL BACKSPLASH. *SEE A-SERIES DRAWINGS FOR DETAILS.* DIMENSIONS TO BE VERIFIED IN FIELD PRIOR ANY WORK BEING PERFORMED ASSOCIATED WITH NEW WET WALL CONSTRUCTION
14. G.C. TO RELOCATE AND REINSTALL ALL DARK ROOM WORK STATIONS AS NOTED ON DRAWINGS.

GENERAL NOTES:

1. G.C. SHALL COORDINATE TACK BOARD / MARKERBOARD LOCATIONS AND ELEVATIONS IN EACH CLASSROOM W/ PROPOSED MONITORS AND TECHNOLOGY ITEMS AND OTHER CLASSROOM / OFFICE EQUIPMENT AND FURNISHINGS.
2. MARKERBOARDS SHALL BE AS MANUFACTURED BY 'CLARIDGE PRODUCTS, INC.' OR ARCHITECT APPROVED EQUAL WITH INVISI-MOUNT MOUNTING HARDWARE. COLOR: WHITE.
3. G.C. SHALL REFER TO M.E.P. SERIES DRAWINGS FOR ADDITIONAL WORK SCOPES NOT SHOWN ON THESE DRAWINGS AND COORDINATION OF WORK SCOPE BY OTHERS.

ARCHITECTURAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
X	KEYED NOTE
XXX	DOOR NUMBER
WX	WINDOW DESIGNATION
XXXX / XXX / XXX SF	ROOM TAG ROOM NAME ROOM NUMBER ROOM AREA
# / AX.XX	DETAIL TAG DETAIL NUMBER DRAWING NUMBER
XX / XX.XX	SECTION / ELEVATION TAG DETAIL NUMBER DRAWING NUMBER
XX	DENOTES INTERIOR PARTITION TYPE - REFER TO PARTITION TYPES FOR ADDITIONAL INFORMATION.
F.E.	DENOTES LOCATION OF RECESSED FIRE EXTINGUISHER WITH FIRE RATED CABINET.
D.F.	DENOTES LOCATION OF DRINKING FOUNTAIN.
L.-XX	DENOTES LOCATION AND DESIGNATION OF NEW LINTEL.
A.E.D.	DENOTES LOCATION OF AUTOMATED EXTERNAL DEFIBRILLATOR.
M.O.S.	DENOTES LOCATION OF ASSEMBLY SPACE MAXIMUM OCCUPANCY SIGN.
M	DENOTES DOOR ON MAGNETIC AUTOMATIC HOLD OPEN DEVICE, CONNECTED TO FIRE ALARM SYSTEM.
	DENOTES ACCESSIBLE ENTRANCE/EXIT, FIXTURE, ACCESSORY, DEVICE, OR PARTICIPATION AREA.
1	REVISION CLOUD AND KEYED DESIGNATION. REFER TO DRAWING TITLEBLOCK FOR ADDITIONAL INFORMATION.
	CMU WALL CONSTRUCTION
	BRICK VENEER CONSTRUCTION
	GYPSUM AND METAL STUD WALL CONSTRUCTION
	GYPSUM BOARD; PLASTER; MORTAR; SAND

REV.	DATE	ITEM
01	02/02/26	BID ADD. NO. 05

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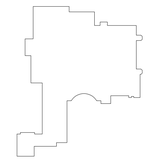

KEY PLAN

NOT TO SCALE

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

PROPOSED FLOOR PLANS

PROJECT

DWG TITLE

DRAWING BY: P.J.H.

CHECK BY: P.J.H.

NOTICE

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LANDSCAPE ARCHITECTS
ENGINEERS

244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

100 GREAT OAKS BLVD.
SUITE 115, ALBANY
NEW YORK 12203
T. 518.621.7650
F. 518.621.7655

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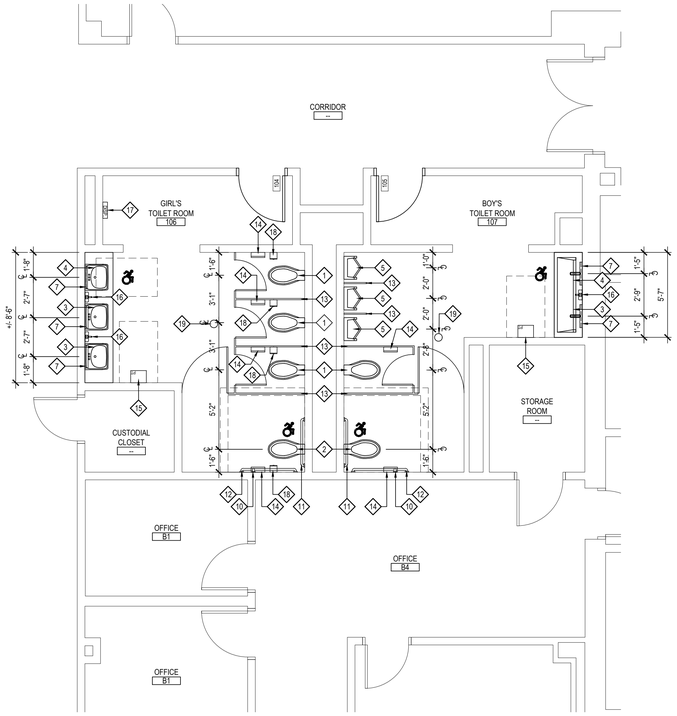
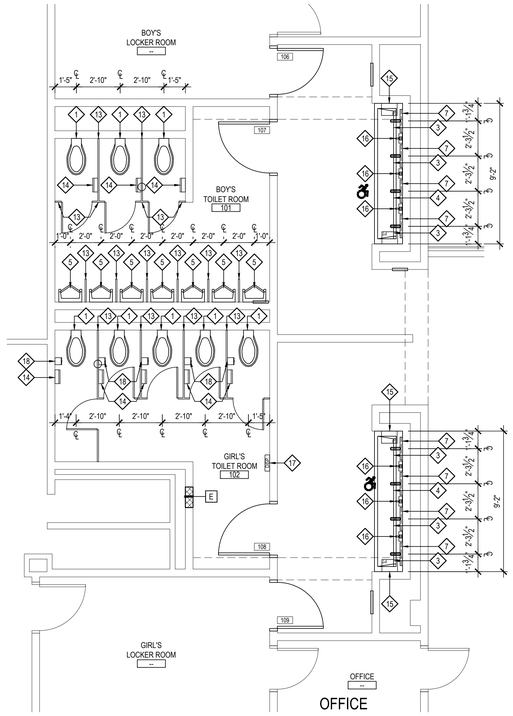
SED No.	66-19-05-02-0-002-022
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	PROPOSED FLOOR PLANS
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142a

A2.01



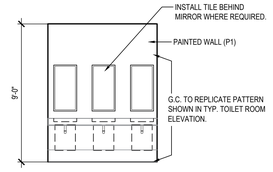
1 ENLARGED TOILET ROOM PLAN

NOTE: USE CHILD HEIGHT FIXTURES. SCALE: 1/4" = 1'-0"



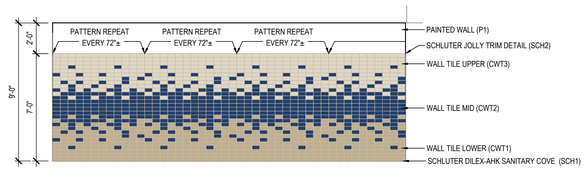
2 ENLARGED TOILET ROOM PLAN

NOTE: USE CHILD HEIGHT FIXTURES. SCALE: 1/4" = 1'-0"



CERAMIC TILE WAINSCOT DETAIL

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



TYPICAL TOILET ROOM ELEVATION

NOTE: COLOR ELEVATION AVAILABLE UPON REQUEST SCALE: 1/4" = 1'-0"

TOILET FIXTURE MOUNTING HEIGHTS

1. AT ALL STUDENT USE TOILET FACILITIES, ALL TOILET FIXTURES, URINALS, LAVATORIES, GRAB BARS, ACCESSORIES, ETC. SHALL BE MOUNTED EITHER AT ADULT HEIGHT OR CHILD HEIGHT AS INDICATED ON THE PLANS AND 'TYPICAL ADA PLUMBING ELEMENTS MOUNTING STANDARDS.'
2. AT ALL ADULT USE TOILET FACILITIES, ALL TOILET FIXTURES, URINALS, LAVATORIES, GRAB BARS, ACCESSORIES, ETC. SHALL BE MOUNTED AT ADULT HEIGHT AS INDICATED ON THE PLANS AND 'TYPICAL ADA PLUMBING ELEMENTS MOUNTING STANDARDS.'
3. THE HEIGHT OF ALL GRAB BAR MUST BE THE SAME WITHIN EACH STALL / ROOM.
4. THE CHILD MOUNTING HEIGHT LIMITS APPLY FOR ADA AND NON-ADA LOCATIONS.

TOILET ROOM KEY NOTES

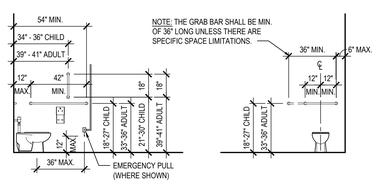
1. P.C. TO FURNISH AND INSTALL NEW WATER CLOSET AND FLUSHOMETER.
2. P.C. TO FURNISH AND INSTALL NEW ADA ACCESSIBLE WATER CLOSET AND FLUSHOMETER.
3. P.C. TO FURNISH AND INSTALL NEW LAVATORY, FAUCET AND LAV SHIELD.
4. P.C. TO FURNISH AND INSTALL NEW ADA ACCESSIBLE LAVATORY, FAUCET AND LAV SHIELD.
5. P.C. TO FURNISH AND INSTALL NEW URINAL AND FLUSHOMETER.
6. P.C. TO FURNISH AND INSTALL NEW ADA ACCESSIBLE URINAL AND FLUSHOMETER.
7. G.C. TO FURNISH AND INSTALL NEW MIRROR.
8. G.C. TO PROVIDE AND INSTALL NEW SURFACE MOUNTED HAND DRYER. E.C. TO CONNECT TO NEW OR EXISTING POWER.
9. G.C. TO PROVIDE AND INSTALL NEW ADA COMPLIANT SURFACE MOUNTED HAND DRYER. E.C. TO CONNECT TO NEW OR EXISTING POWER.
10. G.C. TO FURNISH AND INSTALL NEW VERTICAL 18" GRAB BAR.
11. G.C. TO FURNISH AND INSTALL NEW HORIZONTAL 36" GRAB BAR.
12. G.C. TO FURNISH AND INSTALL NEW HORIZONTAL 42" GRAB BAR.
13. G.C. TO FURNISH AND INSTALL NEW TOILET / URINAL PARTITIONS.
14. OWNER TO PROVIDE, G.C. TO INSTALL NEW TOILET PAPER DISPENSER.
15. OWNER TO PROVIDE, G.C. TO INSTALL NEW ROLL PAPER TOWEL DISPENSER.
16. OWNER TO PROVIDE, G.C. TO INSTALL NEW WALL MOUNTED SOAP DISPENSER.
17. OWNER TO PROVIDE, T.C. TO INSTALL NEW SANITARY NAPKIN DISPENSER.
18. OWNER TO PROVIDE, G.C. TO INSTALL NEW SANITARY NAPKIN WASTE RECEPTACLE.
19. P.C. TO REMOVE AND REPLACE EXISTING FLOOR DRAIN.

TILE COLOR LEGEND

- DALTILE CLASSIC COLOR WHEEL COLOR: BISCUIT K175
- DALTILE CLASSIC COLOR WHEEL COLOR: GALAXY 1469
- DALTILE CLASSIC COLOR WHEEL COLOR: URBAN PUTTY 0161

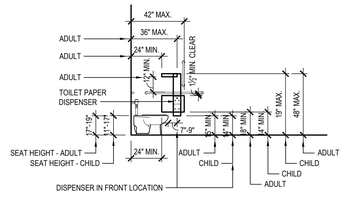
ADVISORY SPECIFICATIONS FOR WATER CLOSETS SERVING CHILDREN AGES 3-12			
	AGES 3 AND 4	AGES 5 THROUGH 8	AGES 9 THROUGH 12
TOILET SEAT HEIGHT	11 TO 12 INCHES	12 TO 15 INCHES	15 TO 17 INCHES
WATER CLOSET CENTERLINE	12 INCHES	12 TO 15 INCHES	15 TO 18 INCHES
GRAB BAR HEIGHT	18 TO 20 INCHES	20 TO 25 INCHES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

ADA COMPLIANT PLUMBING ELEMENTS MOUNTING STANDARDS



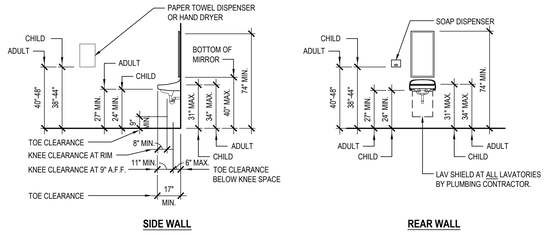
WATER CLOSET GRAB BAR MOUNTING DIMENSIONS

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



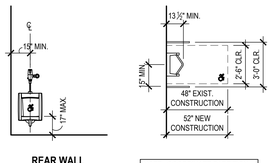
WATER CLOSET SEAT HEIGHT and PROTRUDING DISPENSER OUTLET LOCATIONS

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



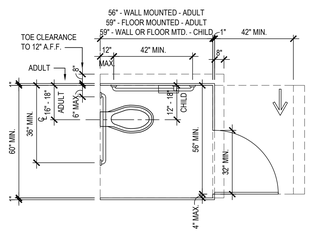
LAVATORY ACCESSIBLE HEIGHTS and CLEARANCES

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



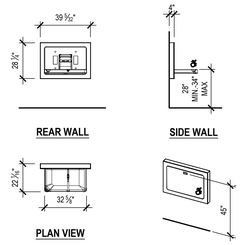
URINAL - ACCESSIBLE DIMENSIONS

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



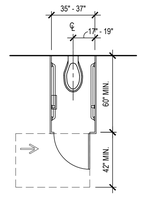
ACCESSIBLE WHEELCHAIR STALL DIMENSIONS

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



DIAPER CHANGING STATION DIMENSIONS

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



AMBULATORY STALL DIMENSIONS

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

REV. | DATE | ITEM

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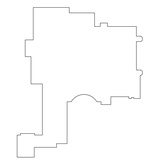

KEY PLAN

NOT TO SCALE

PROJECT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE: ENLARGED TOILET ROOM PLANS and DETAILS

DRAWING BY: P.J.H.
CHECK BY: P.J.H.

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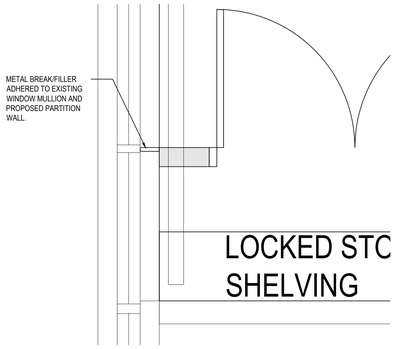
SED No. 66-19-05-02-0-002-022
DISTRICT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT: PHASE 3 - BOND IMPROVEMENTS
DWG TITLE: ENLARGED TOILET ROOM PLANS and DETAILS
SCALE: AS NOTED
DATE: AUGUST 2025
BID PICK-UP: DECEMBER 15, 2025
FILE No: 25-142a

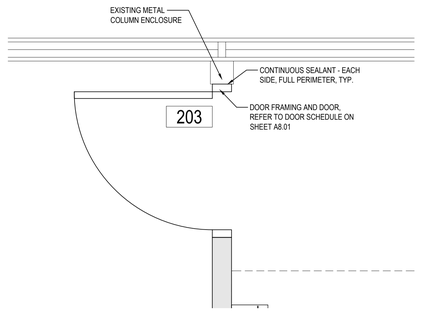
A2.02



2 DRAWING TITLE

at MAKER SPACE B

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



3 PLAN DETAIL

at ART ROOM and PHOTOGRAPHY ROOM

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

REV.	DATE	ITEM

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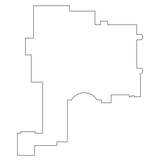

KEY PLAN

NOT TO SCALE

PROJECT

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE

PLAN DETAILS

DRAWING BY: P.J.H.

CHECK BY: P.J.H.

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SED No. 66-19-05-02-0-002-022

DISTRICT: BLIND BROOK UNION FREE SCHOOL DISTRICT

PROJECT: PHASE 3 - BOND IMPROVEMENTS

DWG TITLE: PLAN DETAILS

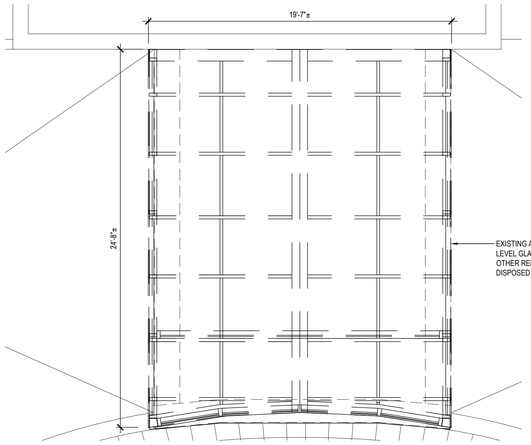
SCALE: AS NOTED

DATE: AUGUST 2025

BID PICK-UP: DECEMBER 15, 2025

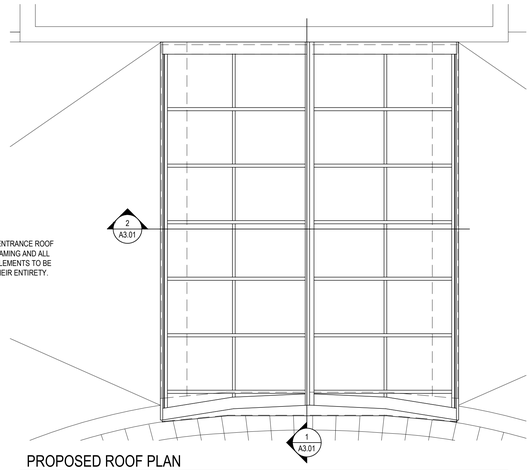
FILE No: 25-142a

A2.03



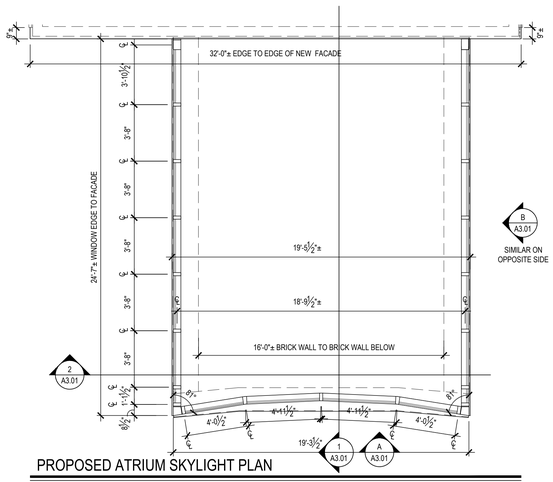
DEMOLITION ROOF PLAN

at MAIN LOBBY ATRIUM — SCALE: 1/4" = 1'-0"



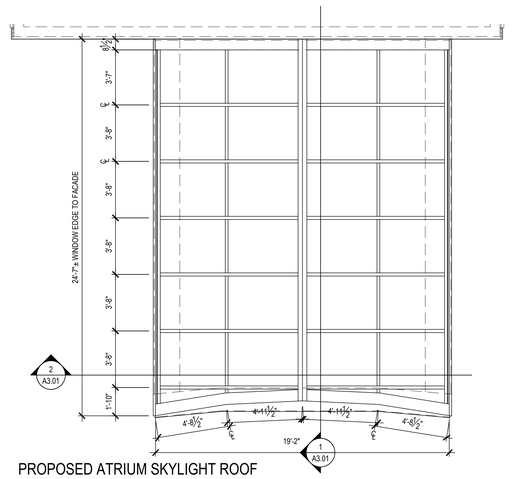
PROPOSED ROOF PLAN

at MAIN LOBBY ATRIUM — SCALE: 1/4" = 1'-0"



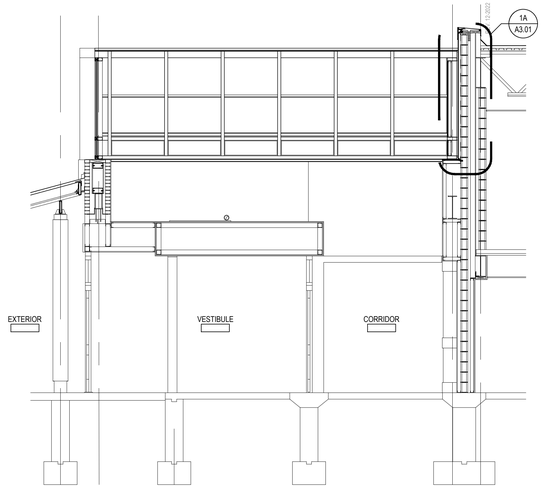
PROPOSED ATRIUM SKYLIGHT PLAN

at MAIN LOBBY ENTRANCE — SCALE: 1/4" = 1'-0"



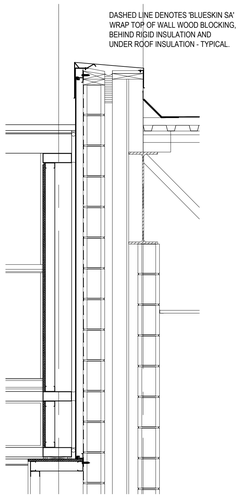
PROPOSED ATRIUM SKYLIGHT ROOF

at MAIN LOBBY ENTRANCE — SCALE: 1/4" = 1'-0"



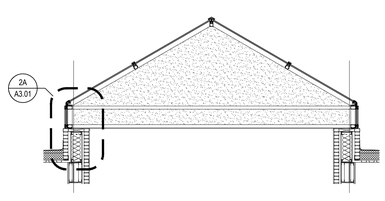
1 PROPOSED ATRIUM SKYLIGHT SECTION

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



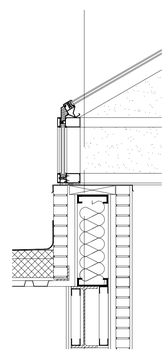
1A WALL SECTION

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



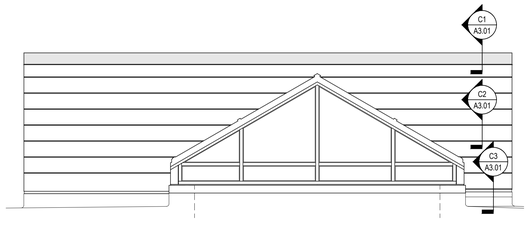
2 PROPOSED ATRIUM SKYLIGHT SECTION

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



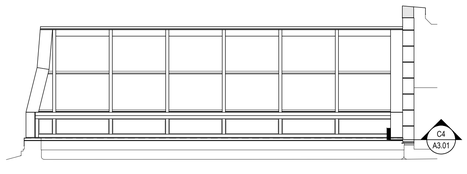
2A WALL SECTION

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



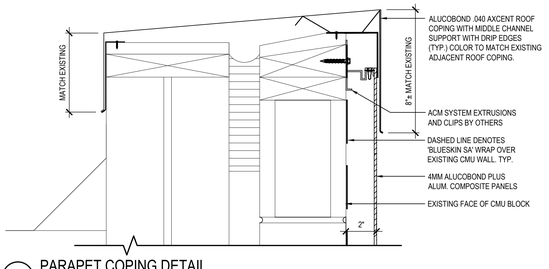
A PROPOSED FRONT ATRIUM SKYLIGHT ELEVATION

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



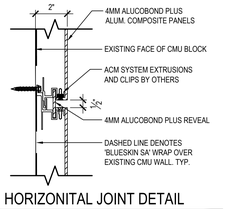
B PROPOSED SIDE ATRIUM SKYLIGHT ELEVATION

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



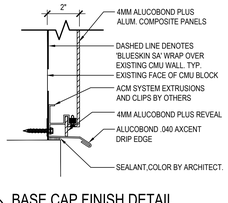
C1 PARAPET COPING DETAIL

SCALE: 3" = 1'-0"



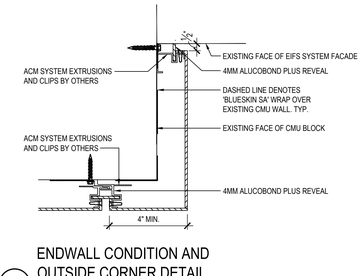
C2 HORIZONITAL JOINT DETAIL

SCALE: 3" = 1'-0"



C3 BASE CAP FINISH DETAIL

SCALE: 3" = 1'-0"



C4 ENDWALL CONDITION AND OUTSIDE CORNER DETAIL

SCALE: 3" = 1'-0"

HAZARDOUS MATERIALS NOTES

1. OWNER HAS EMPLOYED AN ENVIRONMENTAL CONSULTANT TO PERFORM DESIGN-PHASE INSPECTION AND TESTING FOR ASBESTOS, LEAD AND / OR PCBs. SUCH REPORTS ARE CONTAINED IN THE PROJECT MANUAL AND MAY CONTAIN ADDITIONAL REQUIREMENTS BEYOND THOSE SHOWN IN THE CONSTRUCTION DRAWINGS AND DIVISION 1 RELATED SPECIFICATIONS.
2. CONSTRUCTION DRAWINGS INDICATE EXTENT OF HAZARDOUS MATERIALS REMOVALS, WHICH MAY BE ASSUMED OR CONFIRMED POSITIVE. CONTRACTOR SHALL VERIFY QUANTITIES OF SUCH MATERIALS AND ACCOUNT FOR THEM IN THE BID.
3. CONTRACTOR SHALL EMPLOY A PROPERLY CREDENTIALED HAZARDOUS MATERIALS SUBCONTRACTOR AS REQUIRED FOR THE SCOPE OF WORK AT HAND.
4. ASBESTOS ABATEMENT SHALL BE PERFORMED IN ACCORDANCE WITH NYS INDUSTRIAL CODE RULE 56.
5. REMOVAL OF LEAD CONTAINING CONSTRUCTION MATERIALS SHALL BE PERFORMED IN ACCORDANCE WITH FEDERAL HUD REGULATIONS AND THE EPA'S RRP RULE. THE WORK OF THIS PROJECT IS NOT INTENDED TO BE A LEAD ABATEMENT.
6. WHERE WORK INVOLVES LEAD CONTAINING CONSTRUCTION MATERIALS, WIPE TESTS WILL BE PERFORMED UPON FINAL CLEANING. FAILURE WILL REQUIRE RE-CLEANING BY THE CONTRACTOR.
7. PCB REMOVALS SHALL BE PERFORMED IN ACCORDANCE WITH FEDERAL EPA REGULATIONS AS ENFORCED BY NYS DEC. IF SUCH MATERIALS ALSO CONTAIN ASBESTOS, THEN SUCH MATERIALS SHALL BE HANDLED AND DISPOSED OF PER BOTH NYS DEC AND NYS ICR 56.
8. CONTRACTOR SHALL COORDINATE HAZARDOUS MATERIALS REMOVAL ACTIVITIES WITH THE OWNER'S ENVIRONMENTAL CONSULTANT FOR APPROPRIATE PROJECT MONITORING.
9. IF ANY SUSPECT MATERIALS ARE DISCOVERED DURING DEMOLITION THAT ARE OUTSIDE OF THE IDENTIFIED SCOPE OF WORK, THE CONTRACTOR SHALL CEASE REMOVAL AND NOTIFY THE ARCHITECT.
10. THE FOLLOWING HAZARDOUS MATERIAL REMOVAL KEY NOTES CORRESPOND TO THE CONSTRUCTION DRAWINGS:
    - (A1) ASBESTOS CONTAINING FLOORING AND MASTIC.
    - (L1) LEAD CONTAINING CERAMIC TILE.

EDIT: 7/3/2025

REV.	DATE	ITEM

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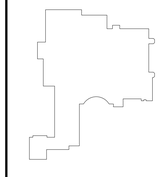

KEY PLAN — NOT TO SCALE

PROJECT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE: SKYLIGHT REPLACEMENT PLANS and DETAILS

DRAWING BY: W.C.A.
CHECK BY: P.J.H.

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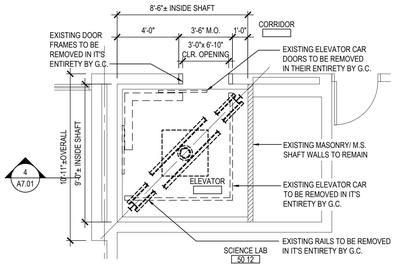
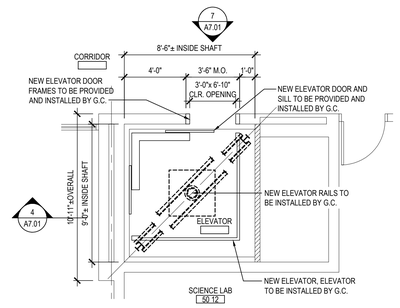
SED No.	66-19-05-02-0-002-022
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	SKYLIGHT ROOF REPLACEMENT PLANS and DETAILS
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142a

A3.01



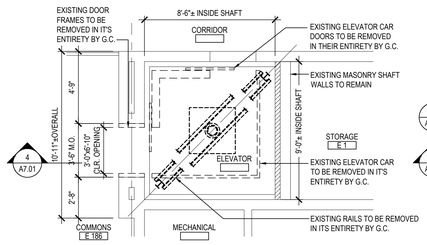
DEMOLITION PLAN



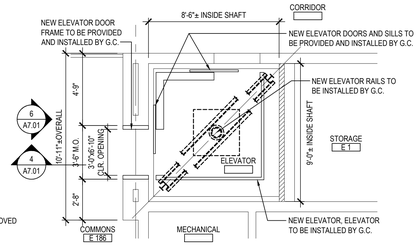
PROPOSED PLAN

3 ENLARGED SECOND FLOOR ELEVATOR PLANS

at ELEVATION: +13'-4" SCALE: 1/4" = 1'-0"



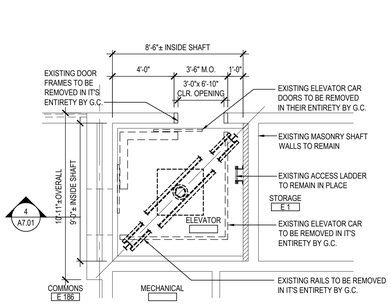
DEMOLITION PLAN



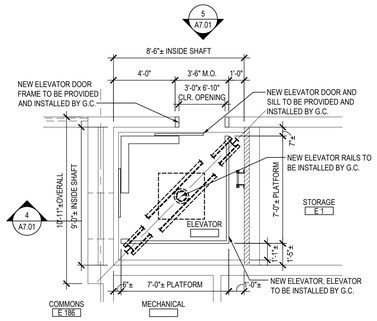
PROPOSED PLAN

2 ENLARGED GRADE LEVEL ELEVATOR PLANS

at ELEVATION: +4'-0" SCALE: 1/4" = 1'-0"



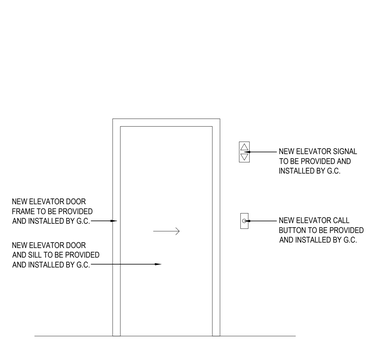
DEMOLITION PLAN



PROPOSED PLAN

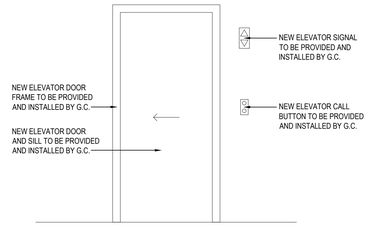
1 ENLARGED FIRST FLOOR ELEVATOR PLANS

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



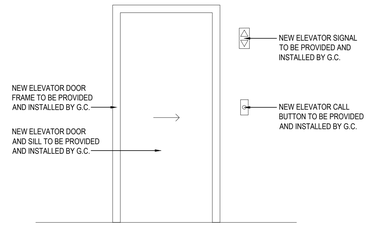
7 SECOND FLOOR ELEVATOR DOOR ELEVATION

NOTE: SCALE: 1/2" = 1'-0"



6 GRADE LEVEL ELEVATOR DOOR ELEVATION

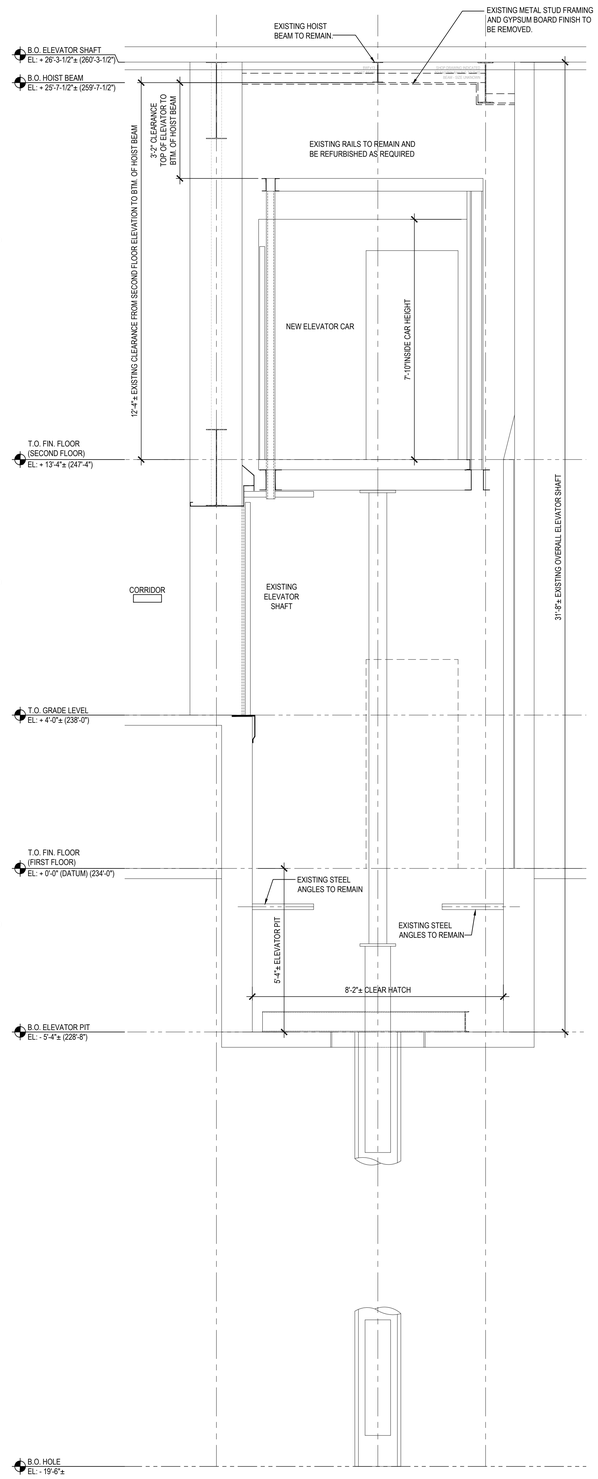
NOTE: SCALE: 1/2" = 1'-0"



5 FIRST FLOOR ELEVATOR DOOR ELEVATION

NOTE: SCALE: 1/2" = 1'-0"

SPECIFICATIONS and TECHNICAL DATA	
CLASSIFICATION	PASSENGER
TYPE	STANDARD IN GROUND
CAPACITY (LOADING)	3000 # (CLASS "A")
CAR SPEED @ FULL LOAD	100 UP/100 DN
TRAVEL	13' - 4"
NO. LANDINGS	3
NO. OPENINGS	3
FRONT OPENINGS @	1 - 2
SIDE OPENINGS @	1.5
DOOR TYPE	SINGLE SLIDE (POWER OPERATED)
DOOR SIZE	6'-10 3/4" H x 3'-1 1/2" W
PLATFORM SIZE	7'-0" W x 7'-0" D
CONTROL	SINGLE AUTOMATIC PUSH BUTTON
OPERATION	SIMPLEX SEL./COL.
FIRE SERVICE	PHASE I & II
MAIN/ALT. FIRE & EGRESS	1 / 2
APPLICABLE CODE	ASME A17.1 - 2022
POWER SUPPLY	480V - 3PH - 60Hz
POWER UNIT TYPE	SUBMERSIBLE
MOTOR H.P.	30 H.P.
GUIDE SHOES	(EXISTING)
GUIDE RAILS	15# / ft (EXISTING)



4 ELEVATOR SECTION

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

DEMOLITION NOTES

1. G.C. SHALL REMOVE EXISTING ELEVATOR IN ITS ENTIRETY. COORDINATE ALL FINAL DISCONNECTS WITH ELECTRICAL & MECHANICAL CONTRACTORS. SEE M.E.P. DWGS FOR FURTHER INFORMATION.
2. GENERAL CONTRACTOR SHALL REFER TO ENVIRONMENTAL REPORT AND PROCEDURES IN PROJECT MANUAL.
3. PRIOR TO THE START OF ANY DEMOLITION WORK THE CONTRACTOR SHALL HAVE CARTING CONTAINER(S) IN PLACE. FINAL DESIGNATION OF CONTAINER(S) IS TO BE COORDINATED WITH OWNER.
4. PRIOR TO THE START OF ANY DEMOLITION WORK, THE (GC) WILL BE RESPONSIBLE TO COORDINATE WITH THE ELECTRICAL, MECHANICAL, PLUMBING AND ELEVATOR SUBCONTRACTORS FOR THE SAFE OFF ALL ELECTRICAL, PLUMBING AND MECHANICAL SERVICES NECESSARY TO PERFORM THE WORK OUTLINED IN THE DOCUMENTS.
5. OWNER TO REMOVE ALL LOOSE FURNISHINGS AND STORED MATERIALS PRIOR TO START OF WORK.
6. G.C. SHALL VERIFY ALL REMOVALS W/ OWNERS REPRESENTATIVE/OWNER, AND CONTRACTORS PRIOR TO COMMENCEMENT.
7. G.C. TO VERIFY ALL DIMENSIONS IN THE FIELD.
8. REPAIR/BLOCK UP ANY HOLES IN EXISTING CMU WALLS TO MATCH EXISTING CONSTRUCTION. TOOTH IN ALL CMU.
9. G.C. SHALL REFER TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR INFORMATION REGARDING THAT SCOPE OF WORK AND ASSOCIATED GENERAL CONSTRUCTION WHICH MAY NOT BE SHOWN ON THIS DRAWING.
10. ANY DAMAGE TO THE EXISTING FLOORS, WALLS AND CEILINGS CAUSED BY ANY DEMOLITION WORK WILL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR CORRECT AND SHALL MATCH EXISTING ADJACENT CONSTRUCTION.
11. G.C. IS RESPONSIBLE FOR ALL CUTTING AND PATCHING OF WALLS, FLOORS AND CEILINGS, AS REQUIRED TO CARRY OUT PROPOSED WORK.
12. CONTRACTOR SHALL CLEAN UP WORK AND SURROUNDING AREAS AT THE END OF EACH DAY TO THE GREATEST EXTENT POSSIBLE. NO DEBRIS SHALL ACCUMULATE ON SITE.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF SPACES LOCATED ADJACENT TO OR ABOVE/BELOW THE AREA OF WORK. CONTRACTOR IS RESPONSIBLE TO PROTECT THESE AREAS FROM DUST CREATED DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES INCURRED AND SHALL REPAIR/RESECURE/REPLACE ANY DAMAGED ITEMS TO THE SATISFACTION OF THE OWNER AND ARCHITECT, AT NO ADDITIONAL COST TO THE OWNER.
14. PRIOR TO COMMENCING DEMOLITIONS OPERATIONS, THE CONTRACTOR. SHALL INDIVIDUALLY SEAL OFF ALL SUPPLY AND EXHAUST VENTILATION OPENINGS WITH POLYETHYLENE SHEETING AT LEAST 6 MIL. IN THICKNESS AND TAPED SECURELY IN PLACE. THESE BARRIERS SHALL BE MAINTAINED UNTIL SUCH TIME AS MAJOR DUST CREATING ACTIVITIES HAVE BEEN COMPLETED.
15. G.C. IS RESPONSIBLE TO REMOVE EXISTING HALL BUTTON BOXES SIGNAL FIXTURES, AND ALL ELEVATOR ASSOCIATED DEVICES IN THE CORRIDORS AND INSTALLATION OF NEW. PATCH ALL EXISTING HOLES AND PENETRATIONS IN THE EXISTING WALL TO MATCH EXISTING ADJACENT FINISHES.

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.

ELEVATOR NOTES:

1. NEW ELEVATOR SHALL BE BY CANTON ELEVATOR INCORPORATED OR ARCHITECT APPROVED EQUAL.
   - HOISTWAY DOORS, CENTER SLIDE WITH BAKED ON ENAMEL FINISH.
   - CAR DOOR SHALL BE STAINLESS STEEL.
   - CAB FINISH SHALL BE PLASTIC LAMINATE.
   - CAB CEILING SHALL BE TRANSLUCENT DIFUSSER IN METAL FRAME.
   - CAB FLOOR FINISH SHALL BE VINYL COMPOSITE TILE (VCT).
2. G.C. TO PROVIDE THE FOLLOWING FOR THE ELEVATOR:
   A. LADDER, 12" WIDE w/ 4" TOE DEPTH TO EXTEND 42" ABOVE BOTTOM LANDING, FINAL LOCATION TO BE COORDINATED ELEVATOR CONTRACTOR.
   B. PIT TO BE DRY AND CLEANED OF ALL DEBRIS PRIOR TO CONSTRUCTION OF ELEVATOR, AT LOCATIONS INDICATED ON SHOP DRAWINGS.
   C. ALL INSERTS TO BE PROVIDED BY ELEVATOR MANUF. AND INSTALLED BY G.C.
   D. OVERHEAD CLEARANCE TOP FLOOR TO UNDERSIDE OF HOISTWAY CEILING OR OBSTRUCTION TO BE MAINTAINED PER ELEVATOR MANUF. DRAWINGS AND NATIONAL CODE.
   E. 6" x 6" BLOCKOUTS FOR OIL LINES TO BE COORDINATED w/ ELEVATOR MANUF.
   F. 6" x 6" BLOCKOUTS FOR ELECTRICAL LINE LOCATION TO BE COORDINATED w/ ELEVATOR MANUF.
   G. PROVIDE AND INSTALL CAB FINISH FLOORING, V.C.T.
3. ENTIRE ELEVATOR INSTALLATION INCLUDING HOISTWAY ENTRIES SHALL COMPLY WITH ALL A.D.A. REQUIREMENTS.
4. ELECTRICAL CONTRACTOR SHALL PROVIDE A FUNCTIONING TELEPHONE INCLUDING HANDSET INSIDE ELEVATOR CAB. ENTIRE COMMUNICATION SYSTEM SHALL COMPLY WITH ALL A.D.A. REQUIREMENTS AND WITH ASTM A17.-1-1990. SITE ELECTRICIAN TO HOOK UP CAB PHONE TO EXISTING SYSTEM.
5. ALL INTERIOR SURFACES DISTURBED DURING CONSTRUCTION SHOULD BE REPAIRED AND/ OR REPLACED TO MATCH EXISTING CONDITIONS TO THE APPROVAL OF THE ARCHITECT. ALL TRADES TO PROVIDE CUTTING AND PATCHING AS DETERMINED BY THEIR SCOPE OF WORK.
6. ALL DEBRIS. DUST, AND DIRT CAUSED BY WORK OF THIS CONTRACT SHALL BE REMOVED FROM THE SITE BY APPROPRIATE MEANS. RESTORE ALL CONDITIONS TO THE STATE OF CLEANLINESS THAT EXISTED PRIOR TO COMMENCEMENT OF WORK.
7. GENERAL CONTRACTOR SHALL FURNISH AND INSTALL ALL FIRE-STOPPING AS REQUIRED TO PROVIDE/MAINTAIN A 1 HOUR FIRE RATING AT ALL ELEVATOR SHAFT WALLS.
8. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL REQUIRED FIRE ALARM DEVICES ON EACH FLOOR AND ALL LOCATIONS AS REQUIRED BY CODE. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

REV.	DATE	ITEM
01	01/30/26	BID ADD. NO. 04

NOTICE

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KEY PLAN

NOT TO SCALE

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

ENLARGED ELEVATOR PLANS and SECTION

PROJECT

DWG TITLE

DRAWING BY: ---

CHECK BY: ---

NOTICE

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BBS
ARCHITECTS
LANDSCAPE ARCHITECTS
ENGINEERS

244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

100 GREAT OAKS BLVD.
SUITE 115, ALBANY
NEW YORK 12203
T. 518.621.7650
F. 518.621.7655

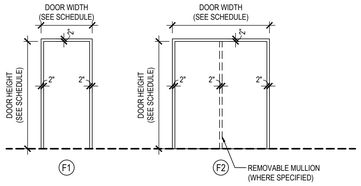
www.BBSARCHITECTURE.com

SED No.	66-19-05-02-0-002-022
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	ENLARGED ELEVATOR PLANS and DETAILS
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142a

A7.01

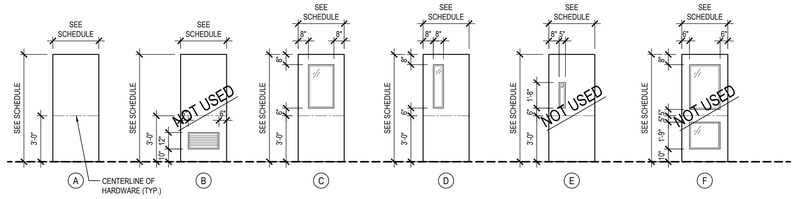
DOOR SCHEDULE

AREA	DOOR NO.	LOCATION	SIGNAGE	DOOR						FRAME			HARDWARE SET	DETAIL					FIRE RATING	REMARKS	DOOR NO.
				LEAVES	WIDTH	HEIGHT	THICKNESS	ELEV. TYPE	MAT.	GLAZING	TYPE	MAT.	GLAZING		HEAD	JAMB	SILL	T'HOLD			
FIRST FLOOR	101	CLASSROOM No. 103	A	1	+/- 3'-0"	+/- 7'-0"	1 3/4"	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	EXISTING TO REMAIN	101
	101a	STORAGE ROOM	B	1	+/- 3'-0"	+/- 7'-0"	1 3/4"	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	EXISTING TO REMAIN	101a
	102	MAKERSPACE CLASSRM No. 104	A	1	+/- 3'-0"	+/- 7'-0"	1 3/4"	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	EXISTING TO REMAIN	102
	103	MAKERSPACE CLASSRM No. 105	A	1	+/- 3'-0"	+/- 7'-0"	1 3/4"	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	EXISTING TO REMAIN	103
	103a	CLOSET	- - -	2	+/- 3'-0"	+/- 7'-0"	1 3/4"	A	SCLCOV	- - -	F2	H.M.	- - -	11	H1	J1	~~	T2	- - -		103a
	104	GIRL'S TOILET ROOM No. 106	C	1	+/- 3'-0"	+/- 7'-0"	1 3/4"	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	T3	E.T.R.	EXISTING TO REMAIN, NEW MARBLE SADDLE TO BE INSTALLED	104
	105	BOY'S TOILET ROOM No. 107	C	1	+/- 3'-0"	+/- 7'-0"	1 3/4"	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	T3	E.T.R.	EXISTING TO REMAIN, NEW MARBLE SADDLE TO BE INSTALLED	105
	106	BOY'S LOCKER ROOM	B	1	+/- 3'-0"	+/- 7'-0"	1 3/4"	A	SCLCOV	- - -	E.T.R.	E.T.R.	E.T.R.	07A	~~	~~	~~	T3	20 MIN.		106
	107	BOY'S TOILET ROOM No. 101	C	1	+/- 3'-0"	+/- 7'-0"	1 3/4"	A	SCLCOV	- - -	F1	H.M.	- - -	07A	H2	J2	~~	T4	20 MIN.		107
	108	GIRL'S TOILET ROOM No. 102	C	1	+/- 3'-0"	+/- 7'-0"	1 3/4"	A	SCLCOV	- - -	F1	H.M.	- - -	07A	H2	J2	~~	T4	20 MIN.		108
	109	GIRL'S LOCKER ROOM	B	1	+/- 3'-0"	+/- 7'-0"	1 3/4"	A	SCLCOV	- - -	E.T.R.	E.T.R.	E.T.R.	07A	~~	~~	~~	T3	20 MIN.		109
SECOND FLOOR	201	ART CLASSROOM No. 201	A	1	+/- 2'-10"	7'-0"	1 3/4"	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	EXISTING TO REMAIN	201
	202	STORAGE ROOM No. 202	B	1	+/- 3'-0"	+/- 7'-0"	1 3/4"	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	EXISTING TO REMAIN	202
	203	ART CLASSROOM No. 201	A	1	3'-0"	7'-0"	1 3/4"	C	SCLCOV	- - -	F1	H.M.	TEMP.	01A	H1	J1	~~	T2	- - -		203
	204	PHOTOGRAPHY CLASSRM No. 202	A	1	+/- 3'-0"	+/- 7'-0"	1 3/4"	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	E.T.R.	EXISTING TO REMAIN	204
	205	VESTIBULE No. 203	B	1	3'-0"	7'-0"	1 3/4"	A	SCLCOV	- - -	F1	H.M.	- - -	01A	H1	J1	~~	T2	- - -		205
	206	DARKROOM No. 204	B	1	3'-0"	7'-0"	1 3/4"	A	SCLCOV	- - -	F1	H.M.	- - -	01A	H1	J1	~~	T2	- - -		206



FRAME TYPE ELEVATIONS

NOTE: REFER TO DOOR SCHEDULE FOR DOOR FRAME MATERIAL. SCALE: 1/4" = 1'-0"



DOOR TYPE ELEVATIONS

NOTE: REFER TO DOOR SCHEDULE FOR DOOR MATERIAL AND GLAZING TYPE (WHERE APPLICABLE). SCALE: 1/4" = 1'-0"

ABBREVIATION LEGEND

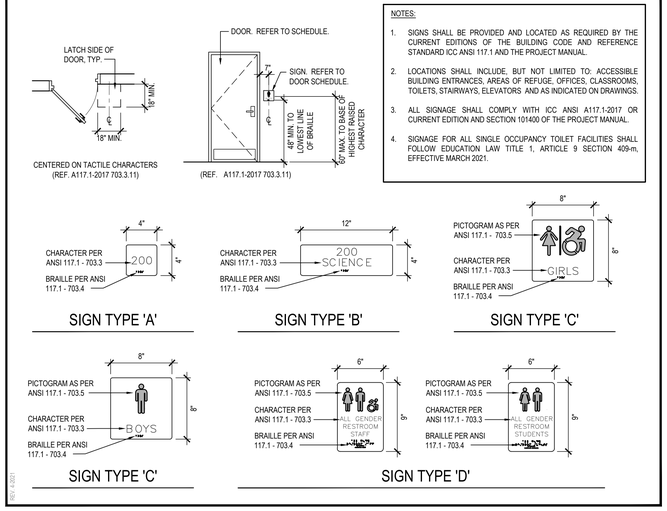
ALUM.	ALUMINUM
S.C.L.C.O.V.	SOLID COMPOSITE LUMBER CORE OAK VENEER
M.C.O.V.	MINERAL CORE OAK VENEER
S.C.L.C.M.V.	SOLID COMPOSITE LUMBER CORE MAPLE VENEER
M.C.M.V.	MINERAL CORE MAPLE VENEER
F.R.P.	FIBERGLASS REINFORCED POLYESTER
H.M.	HOLLOW METAL
F.G.	¼" FIREGLASS 20
F.L.P.	¼" FIRE-LITE PLUS
PYRO	PYROSTOP GLAZING
INSUL.	1" INSULATED GLAZING
S.L.	¼" SAFETY LAMINATED GLAZING
OBSC.	OBSCURE GLAZING
U.O.N.	UNLESS OTHERWISE NOTED
S.F.	SECURITY FILM
SG-1	3/16" SHOOTER ATTACK GLAZING
SG-2	1" INSULATED SHOOTER ATTACK GLAZING
SG-3	.20 MIN. RATED SHOOTER ATTACK GLAZING
SG-4	.45 MIN. RATED SHOOTER ATTACK GLAZING
SG-5	60 MIN. SHOOTER ATTACK GLAZING
SG-6	90 MIN. SHOOTER ATTACK GLAZING
BRG-L1	LEVEL 1 BULLET RESISTANT GLAZING
BRG-L2	LEVEL 2 BULLET RESISTANT GLAZING
BRG-L3	LEVEL 3 BULLET RESISTANT GLAZING
SGP-L1	LEVEL 1 BULLET RESISTANT SECURITY PANEL
SGP-L2	LEVEL 2 BULLET RESISTANT SECURITY PANEL
SGP-L3	LEVEL 3 BULLET RESISTANT SECURITY PANEL
TEMP	¼" TEMPERED GLAZING

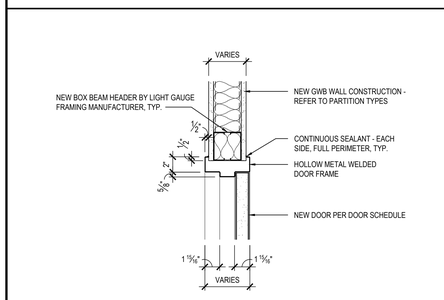
DOOR NOTES

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. FIRE RATED WOOD DOORS (60 MIN. AND ABOVE ONLY) 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. PROVIDE SOLID BLOCKING FOR CLOSER AND HARDWARE. REFER TO SPECIFICATION SECTION 081416.
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. INTERIOR GLAZING TYPES AND SIZES SHALL CONFORM TO NFPA 80 AND/OR ASTM E119. WHERE SECURITY GLAZING IS INDICATED, VISION KIT SHALL BE THROUGH BOLT TYPE.
6. ALL NEW H.M. FRAMES SHALL BE FULLY WELDED 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. FOR DOOR REPLACEMENTS IN KIND, 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. REFER TO SPECIFICATION SECTION 099000 FOR PAINT TYPE. COLOR AS SELECTED BY ARCHITECT.
10. GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL A.D.A. COMPLIANT SIGNAGE AT ALL DOORS WHERE SPECIFIED IN DOOR SCHEDULE AND/OR SHOWN ON FLOOR PLANS. INSTALL IN CONFORMANCE WITH ALL ADA HEIGHT AND PLACEMENT REQUIREMENTS.
    - ▲A. WHERE DENOTED IN SCHEDULE, PROVIDE 4"x4" SIGNAGE WITH BRAILLE INDICATING ROOM NUMBER (COORD. WITH OWNER), MODEL No. E-BTCUST.
    - ▲B. WHERE DENOTED IN SCHEDULE, PROVIDE 4"x12" SIGNAGE WITH BRAILLE INDICATING ROOM NAME AND NUMBER (COORD. WITH OWNER), MODEL No. 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 (GIRL'S).
        - AT MULTI-USE ACCESSIBLE TOILET ROOMS, PROVIDE AND INSTALL MODEL No. X-5688 (WOMEN), X-5671 (MEN), X-7108 (BOY'S), X-7107 (GIRL'S).
    - ▲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 AS REQUIRED.
        - AT SINGLE-USE ACCESSIBLE TOILET ROOMS, PROVIDE AND INSTALL MODEL No. E-BTCUST. SIGN SHALL SPECIFY STAFF OR STUDENT USE AS REQUIRED.

    MANUFACTURER: "ALLSTATE SIGN AND PLAQUE", DEER PARK, NY OR APPROVED EQUAL. ALL SIGNAGE SHALL BE SUBMITTED TO ARCHITECT FOR REVIEW AND APPROVAL. COLOR AS SELECTED BY ARCHITECT
11. ALL REMOVABLE MULLIONS ARE TO BE KEYED ALIKE AND TO MATCH EXISTING BUILDING SYSTEM.
12. AUTOMATIC DOOR OPERATORS - THE ELECTRICAL CONTRACTOR SHALL PROVIDE A LINE VOLTAGE CIRCUIT TO THE AUTO OPERATOR. LOCATION SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL WIRING ASSOCIATED WITH AUTOMATIC DOOR OPERATORS, INCLUDING ELECTRONIC STRIKE, PUSH BUTTONS, TRANSFORMERS AND ANY OTHER DEVICES REQUIRED FOR A FULLY OPERATIONAL SYSTEM.
13. FIRE RATED GLAZING WITH SURFACE APPLIED FILMS WILL NOT BE CONSIDERED EQUIVALENT WHERE LAMINATED FILM IS SPECIFIED.

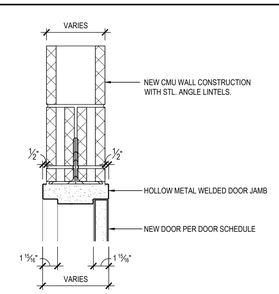
TYPICAL ADA SIGNAGE DETAILS





H1 HEAD DETAIL

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



H2 HEAD DETAIL

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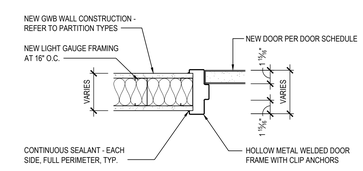
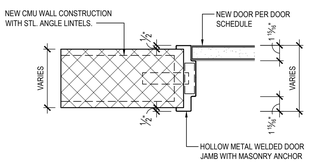


J1 JAMB DETAIL

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



J2 JAMB DETAIL

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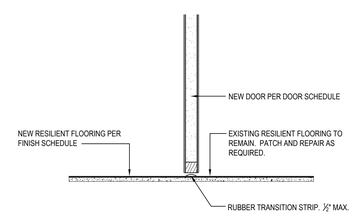
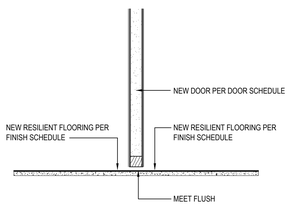


T1 THRESHOLD DETAIL

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



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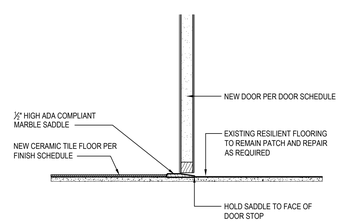

T3 THRESHOLD DETAIL

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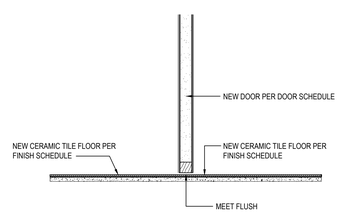

T4 THRESHOLD DETAIL

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

REV.	DATE	ITEM
01	01/20/26	BID ADD. NO. 02

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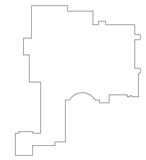

KEY PLAN

NOT TO SCALE

PROJECT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE: DOOR SCHEDULE and DETAILS

DRAWING BY: P.J.H.
CHECK BY: P.J.H.

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ARCHITECTS
LANDSCAPE ARCHITECTS
ENGINEERS

244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

100 GREAT OAKS BLVD.
SUITE 115, ALBANY
NEW YORK 12203
T. 518.621.7650
F. 518.621.7655

www.BBSARCHITECTURE.com

SED No. 66-19-05-02-0-002-022
DISTRICT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT: PHASE 3 - BOND IMPROVEMENTS
DWG TITLE: DOOR SCHEDULE and DETAILS
SCALE: AS NOTED
DATE: AUGUST 2025
BID PICK-UP: DECEMBER 15, 2025
FILE No: 25-142a

A8.01

FINISH SCHEDULE

AREA	ROOM No.	LOCATION	FLOORS			WALLS		CEILINGS	REMARKS	ROOM No.
			FIELD	ACCENT	BASE	TYPE.	FINISH			
AREA 'A'	101	BOY'S TOILET ROOM (MS)	PFT1	~~	CTCB1	ETR	P1	ACT2		101
	102	GIRL'S TOILET ROOM (MS)	PFT1	~~	CTCB1	ETR	P1	ACT2		102
	103A	COMPUTER SCIENCE	LVT1	LVT2	RCB1	ETR	P1 / P2	ACT1		103A
	103B	STORAGE	LVT1	LVT2	RCB1	ETR	P1 / P2	ACT5		103B
	104	MAKER SPACE A	LVT1	LVT2	RCB1	ETR	P1 / P2	ACT1		104
	105	MAKER SPACE B	LVT1	LVT2	RCB1	ETR	P1 / P2	ACT1		105
	106	GIRL'S TOILET ROOM (HS)	PFT1	~~	CTCB1	ETR	P1	ACT2		106
	107	BOYS TOILET ROOM (HS)	PFT1	~~	CTCB1	ETR	P1	ACT2		107
				~~						
	200	CORRIDOR	LVT1	LVT2	RCB1	ETR	P1	ACT1		200
	201	VESTIBULE	LVT1	LVT2	RCB1	ETR	P1	ACT1		201
	202	STORAGE	LVT1	LVT2	RCB1	ETR	P1	ACT5		202
	203	ART ROOM	LVT1	LVT2	RCB1	ETR	P1 / P2	ACT1		203
	204	PHOTOGRAPHY ROOM	LVT1	LVT2	RCB1	ETR	P1 / P2	ACT1		204
	205	VESTIBULE	LVT1	LVT2	RCB1	ETR	P1	ACT1		205
	206	DARK ROOM	LVT1	TBD	RCB1	ETR	P1 / SS1	ACT1		206

1

PAINT TYPES

TYPE P1: PAINT BY SHERWIN WILLIAMS:
EGGSHELL ENAMEL FINISH
COLOR: NAVAJO WHITE - SW 6126
(GENERAL)

TYPE P2: PAINT BY SHERWIN WILLIAMS:
EGGSHELL ENAMEL FINISH
COLOR: AQUITAINE - SW 9057
(ACCENT)

TYPE P3: PAINT BY SHERWIN WILLIAMS:
SEMI-GLOSS ENAMEL FINISH
COLOR: TAUPE TONE - SW 7633
(HM DOOR FRAMES)

CEILING TYPES

TYPE ACT1: ACOUSTIC CEILING TILE BY "ARMSTRONG"
SIZE: 24" X 24" X 3/4"
STYLE: #1910 ULTIMA SQUARE LAY-IN
(CLASSROOMS, OFFICES, CORRIDORS)

TYPE ACT2: ACOUSTIC CEILING TILE BY "ARMSTRONG"
SIZE: 24" X 24" X 7/8", NRC RATING .80
STYLE: #1445 ULTIMA HEALTH ZONE HIGH NRC, SQUARE LAY IN
(TOILET ROOMS)

TYPE ACT5: ACOUSTIC CEILING TILE BY "ARMSTRONG"
SIZE: 24" X 24" X 5/8"
STYLE: 1772 DUNE SQUARE LAY-IN
(CUSTODIAL, STORAGE, BASEMENT)

CEILING GRID BY "ARMSTRONG", 15/16" PRELUDE, U.O.N.
NOTE: ALL CEILING TILE & GRID TO BE STANDARD WHITE UNLESS OTHERWISE NOTED.

FLOOR TYPES

LUXURY VINYL TILE:

TYPE LVT1: 6"x48"x5mm LUXURY VINYL TILE AS MANUFACTURED BY SHAW CONTRACT
COLLECTION: SOLITUDE 06486
COLOR: FAWN 48516
(CLASSROOMS)

TYPE LVT2: 18"x36"x5mm LUXURY VINYL TILE AS MANUFACTURED BY MOHAWK GROUP
COLLECTION: HOT & HEAVY COLLECTION - CHROMASCOPE 5.0 C2114
COLOR: TRANQUIL TEAL 672
(CLASSROOMS)

RUBBER BASE TYPES

TYPE RCB1: 4" RUBBER COVE BASE BY "JOHNSONITE"
COLOR: TARKETT' CEMENT CB 121
(CLASSROOMS)

RUBBER FLOOR TRANSITION TYPES

TYPE RFT1: 2" SNAP DOWN T-MOLDING 147VS BY "SHAW CONTRACT"
INCLUDE PINLESS METAL TRACK SYSTEM 142VS
COLOR: AS SELECTED BY ARCHITECT
(CLASSROOMS DOORWAYS WHERE NEW LVT MEETS EXISTING VCT)

PORCELAIN/CERAMIC/QUARRY TILE TYPES

FLOORS:

TYPE PFT1: 12" x 24" PORCELAIN FLOOR TILE BY DALTILE
STYLE: VOLUME 1.0
COLOR: REVERB ASH
(BATHROOM FLOOR TILE)

WALLS:

TYPE CWT1: 3" X 6" CERAMIC WALL TILE BY DALTILE
STYLE: CLASSIC COLOR WHEEL
COLOR: URBAN PUTTY 0161
(RESTROOM LOW WALL)

TYPE CWT2: 3" X 6" CERAMIC WALL TILE BY DALTILE
STYLE: CLASSIC COLOR WHEEL
COLOR:GALAZY GLOSS 1469
(RESTROOM MID WALL)

TYPE CWT3: 3" X 6" CERAMIC WALL TILE BY DALTILE
STYLE: CLASSIC COLOR WHEEL
COLOR: BISCUIT GLOSS K175
(RESTROOM HIGH WALL TILE)

SCHLUTER TRANSITIONS:

TYPE SCH1: PROVIDE SCHLUTER DILEX-AHK SANITARY COVE TRANSITION, INCLUDE ALL INSIDE CORNERS, CONNECTORS AND END CAPS AS REQUIRED BY LAYOUT. ANODIZED BRUSHED ALUMINUM FINISH (COVE BASE)

TYPE SCH2: PROVIDE SCHLUTER JOLLY AT TOP / EXPOSED EDGE COURSE OF TILE, INCLUDE ALL OUTSIDE CORNERS, CONNECTORS AND END CAPS AS REQUIRED BY LAYOUT. ANODIZED BRUSHED ALUMINUM FINISH (TOP TRIM)

TYPE SCH3: PROVIDE SCHLUTER FINEC AT OUTSIDE CORNER WHERE TILE MEETS TILE, INCLUDE ALL OUTSIDE CORNERS, CONNECTORS AND END CAPS AS REQUIRED BY LAYOUT. ANODIZED BRUSHED ALUMINUM FINISH (OUTSIDE CORNER TRIM)

GROUT TYPES

FLOOR GROUT: AS MANUFACTURED BY LATICRETE SANDED,
COLOR: 94 WALNUT

ABBREVIATION LEGEND

ACT	ACOUSTIC CEILING TILE
CTILE	CARPET TILE
PFT	PORCELIAN FLOOR TILE
CMU	CONCRETE MASONRY UNIT
CTCB	CERAMIC TILE COVE BASE
CWT	CERAMIC WALL TILE
EPOXY	EPOXY TERRAZZO
VET	VINYL ENHANCED TILE
LVT	LUXURY VINYL TILE
GYP	GYPSUM BOARD
RUB	RUBBER FLOOR TILE
RCB	RUBBER COVE BASE
TERR	TERRAZZO / TERRAZZO BASE
VCT	VINYL COMPOSITION TILE

FINISH NOTES

1. ALL FINISHED TYPES (STYLE/COLOR/PATTERN) SHALL BE OFF THE STANDARD OF QUALITY INDICATED BY THE PROJECT MANUAL. FINAL STYLE / COLOR / PATTERN TO BE SELECTED BY ARCHITECT.
2. ALL INTERIOR AND EXTERIOR C.M.U. SURFACES SHALL BE PRIMED AS PER THE PAINT SPEC 099000 PRIOR TO FINISH PAINT APPLICATION.
3. ALL NEW BRICK WALLS ARE TO REMAIN NATURAL AND CLEANED, IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
4. CONTRACTOR SHALL PREP, PRIME AND PAINT ALL SHEET METAL PIPE ENCLOSURES (INSTALLED BY M.C.) COLOR AS SELECTED BY ARCHITECT.
5. BEFORE PAINTING, CONCRETE SURFACES MUST CURE 30 DAYS. BLOCK AND PLASTER SURFACES MUST CURE FOR 30 DAYS.
6. ALL INTERIOR FINISHES IN CORRIDOR SHALL BE 'CLASS - A' RATED.
7. PATCH, REPAIR AND FINISH CEILING, WALLS, AND FLOOR AT POINTS OF DEMOLITION TO MATCH EXISTING. EXISTING FINISHES TO REMAIN.
8. SHOULD ANY FINISH MATERIALS SPECIFIED BE DISCONTINUED BY MANUFACTURER, THE CONTRACTOR MUST REPLACE WITH CLOSEST MATCH AT NO ADDITIONAL COST, AND SUBMIT TO ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
9. AT ROOMS HAVING EXISTING FLOOR TILE TO BE REMOVED CONTRACTOR SHALL PROVIDE AND INSTALL FLOOR PATCH (PLANI/PATCH PLUS) BY 'MAPEI' OR ARCHITECT APPROVED EQUAL OVER ENTIRE EXISTING SUBSTRATE AND / OR CONCRETE SLAB TO PROVIDE A FLOOR SURFACE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND AS SPECIFIED FOR INSTALLATION OF FINISH FLOORING AS SPECIFIED ON FINISH SCHEDULE.
10. HOLLOW METAL DOOR FRAMES, SIDE LIGHTS AND WINDOW FRAMES SHALL BE PREPPED AND PAINTED AS PER PAINTING SPECIFICATION 099000. (ALL COLORS AS SELECTED BY ARCHITECT)
11. ALL EXPOSED STEEL STAIR COMPONENTS, INCLUDING BUT NOT LIMITED TO; STRINGERS, BALUSTERS, RAILINGS AND HANDRAILS; SHALL BE PREPPED AND PAINTED AS PER PAINTING SPECIFICATION 099000. (ALL COLORS AS SELECTED BY ARCHITECT) UNLESS OTHERWISE NOTED.
12. CONTRACTOR SHALL PREP, PRIME AND PAINT SHEETROCK CEILINGS UNLESS OTHERWISE NOTED.
13. THE BID SHALL BE BASED ON THE TILE MIX AND PERCENTAGES AS INDICATED IN THE PROJECT MANUAL FOR RESILIENT TILE.
14. NEW TOILET AND URINAL PARTITIONS SHALL BE 1" THICK HDPE AS MANUFACTURED BY SCRANTON, ASI GLOBAL PARTITIONS, OR APPROVED EQUAL. (COLOR AND FINISH TO BE SELECTED BY ARCHITECT).
15. GENERAL CONTRACTOR SHALL PROVIDE TERMINATION STRIPS, RUBBER REDUCERS, EDGE GUARDS, ADAPTERS AND TRANSITIONS BETWEEN DISSIMILAR MATERIALS AND HEIGHT DIFFERENTIALS BOTH TO PROTECT THE FINISH EDGE OR TO PROVIDE AN ADA ACCESSIBLE TRANSITION.

GYPSUM BOARD FINISHING

1. GENERAL CONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF GYPSUM ASSOCIATION TRADE PUBLICATION GA-214-96 'RECOMMENDED LEVELS OF GYPSUM BOARD FINISH' AND SPECIFICATION SECTION 092900.

A. LEVEL 0 - FOR USE IN TEMPORARY CONSTRUCTION, OR WHERE FINAL FINISH/DECORATION HAS NOT BEEN DETERMINED.

B. 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.

C. 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.

D. 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.

E. LEVEL 4 - FOR USE WHERE LIGHT TEXTURE OR WALL COVERINGS ARE TO BE APPLIED, OR WHERE ECONOMY IS OF THE ARCHITECT'S CONCERN.

F. 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.)

NOTES

1. GENERAL CONTRACTOR SHALL PATCH ALL AREAS OF FLOOR DAMAGED BY THE REMOVAL OF MASTIC.
2. GENERAL CONTRACTOR SHALL FLASH PATCH ALL FLOORS IN THEIR ENTIRETY WHERE MASTIC REMOVAL HAS OCCURRED WITH (PLANI/PATCH PLUS) BY 'MAPEI' OR ARCHITECT APPROVED EQUAL.
3. GENERAL CONTRACTOR SHALL PERFORM A BOND TEST IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS. PRIOR TO INSTALLATION OF NEW FLOORING.
4. PROVIDE NEW MARBLE SADDLE AT ALL TOILET ROOM DOORS. PROVIDE BEVELED SADDLE TO MEET ADA REQUIREMENTS.
5. ALL NEW V.C.T. FLOORING TO BE INSTALLED THROUGHOUT ENTIRE FLOOR AREA AS SHOWN UNLESS OTHERWISE NOTED.

WINDOW TREATMENTS

WS1: DRAPER CLUTCH OPERATED FLEXSHADE, PHIFER SHEARWEAVE PW 2500, 1% OPEN
COLOR: AS SELECTED BY ARCHITECT (ALL EXTERIOR WINDOWS IN WORK SCOPE)
PROVIDE UNIVERSAL MOUNTING BRACKETS, FASCIA AND ENDCAPS, U.O.N.

NOTE: G.C. SHALL PROVIDE AND INSTALL NEW WINDOW TREATMENTS FOR ALL NEW AND EXISTING AREAS OF WORK EXCEPT AS NOTED BELOW:

NEW WINDOW TREATMENTS SHALL NOT BE REQUIRED AT THE FOLLOWING LOCATIONS: VESTIBULES, CORRIDORS, STAIRS, BATHROOMS, BOILER ROOMS, STORAGE.

PROVIDE (1) UNIT PER WINDOW

WS2: DRAPER CLUTCH OPERATED DUAL ROLLER FLEXSHADE,
PROVIDE "LIGHTBLOC" SIDE AND SILL CHANNELS ON REAR SHADE
REAR SHADE: PHIFER SHEARWEAVE SW 7100 BLACKOUT FABRIC
COLOR: AS SELECTED BY ARCHITECT
FRONT SHADE: PHIFER SHEARWEAVE PW 2500, 1% OPEN,
COLOR: AS SELECTED BY ARCHITECT
(LIST ROOM NUMBERS FOR THIS INSTALLATION)

WALL COVERING TYPES

TYPE SS1: STAINLESS STEEL BACK SPLASH AS MANUFACTURED BY
'STAINLESS SUPPLY' OR SIMILAR
20 GAUGE STAINLESS; #4 FINISH
#304 EDGE TRIM; #4 FINISH
G.C. TO INCLUDE CAP EDGE MOLDING AND ALL NECESSARY ATTACHMENTS
(DARK ROOM DEVELOPMENT SINK)

TOILET PARTITIONS

AS PER SPECIFICATION SECTION, SCRANTON PARTITIONS SHALL BE PROVIDED - CLASS B MIN OR NFPA RATED. COLOR AS SELECTED BY ARCHITECT FROM FULL RANGE OF COLORS.

TYPE BOYS: COLOR: NICKEL; ORANGE PEEL TEXTURE

TYPE GIRLS: COLOR: NICKEL; ORANGE PEEL TEXTURE

1

ATTIC STOCK INFORMATION

VET:	(1) ONE BOX FOR EACH (50) BOXES OF PRODUCT INSTALLED
ACT:	NOT LESS THAN 1% OF TOTAL PRODUCT INSTALLED
RUBBER:	NOT LESS THAN 1% OF TOTAL PRODUCT INSTALLED
PAINT:	10% OF EACH COLOR, TYPE AND GLOSS OF PAINT USED
PFT:	NOT LESS THAN 1% OF TOTAL PRODUCT INSTALLED
CPT:	(1) ONE BOX FOR EACH (50) BOXES OF PRODUCT INSTALLED

REV.	DATE	ITEM
01	02/06/26	BID ADD. NO. 05

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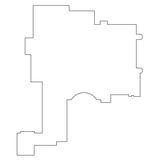

KEY PLAN

NOT TO SCALE

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

PROJECT

FINISH SCHEDULE NOTES and DETAILS

DWG TITLE

DRAWING BY: F.G.H

CHECK BY: - - -

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NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

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SED No. 66-19-05-02-0-002-022

DISTRICT: BLIND BROOK UNION FREE SCHOOL DISTRICT

PROJECT: PHASE 3 - BOND IMPROVEMENTS

DWG TITLE: FINISH SCHEDULE

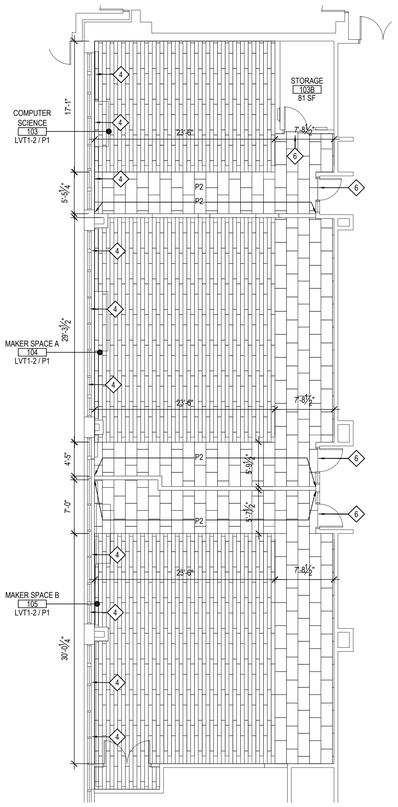
SCALE: AS NOTED

DATE: AUGUST 2025

BID PICK-UP: DECEMBER 15, 2025

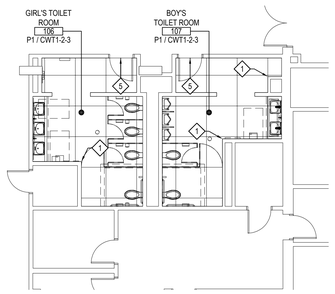
FILE No: 25-142a

A9.00



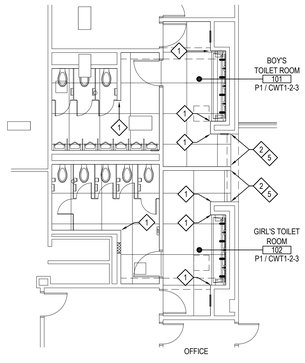
FINISH FLOOR PLAN

at TECHNOLOGY CLASSROOMS — SCALE: 1/8" = 1'-0"



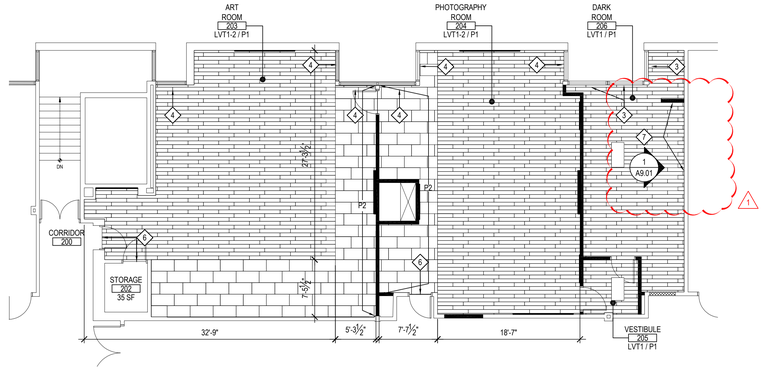
FINISH FLOOR PLAN

at MIDDLE SCHOOL BATHROOMS — SCALE: 1/8" = 1'-0"



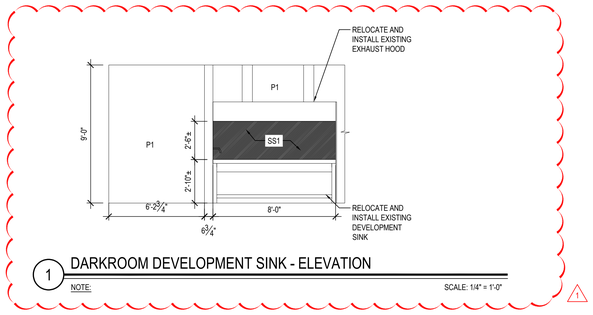
FINISH FLOOR PLAN

at COMMONS BATHROOMS — SCALE: 1/8" = 1'-0"



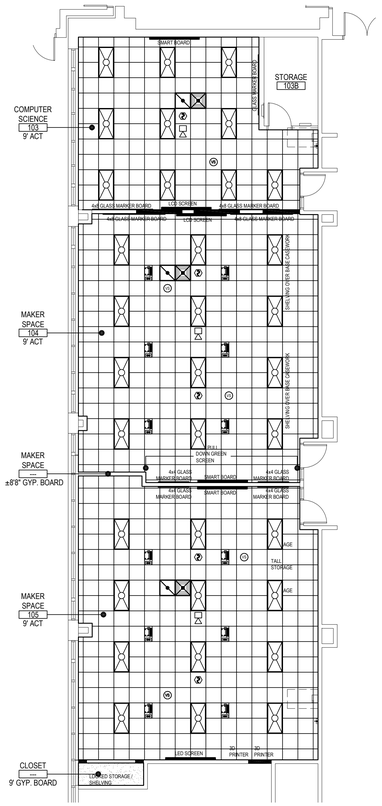
FINISH FLOOR PLAN

at SECOND FLOOR CLASSROOMS — SCALE: 1/8" = 1'-0"



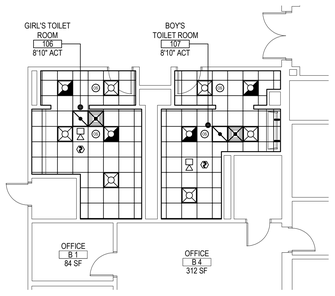
1 DARKROOM DEVELOPMENT SINK - ELEVATION

NOTE: — SCALE: 1/4" = 1'-0"



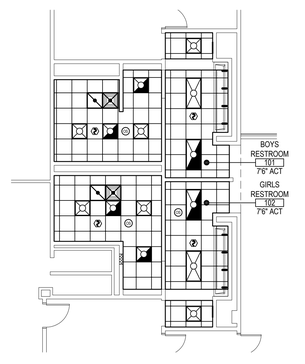
REFLECTED CEILING PLAN

at TECHNOLOGY CLASSROOMS — SCALE: 1/8" = 1'-0"



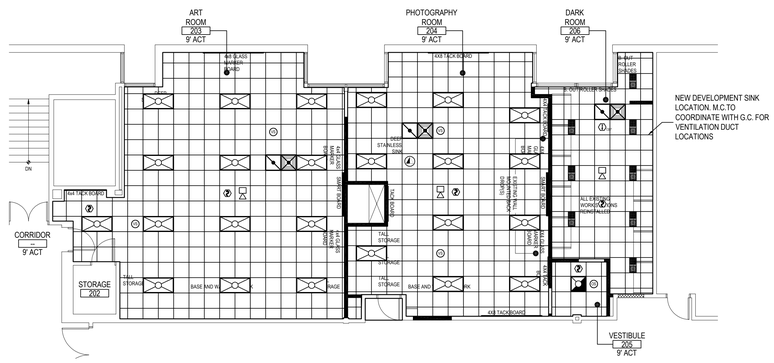
REFLECTED CEILING PLAN

at MIDDLE SCHOOL BATHROOMS — SCALE: 1/8" = 1'-0"



REFLECTED CEILING PLAN

at COMMONS BATHROOMS — SCALE: 1/8" = 1'-0"



REFLECTED CEILING PLAN

at SECOND FLOOR CLASSROOMS — SCALE: 1/8" = 1'-0"

FINISH FLOOR SYMBOLS LEGEND

SYMBOL	DESCRIPTION
	LUXURY VINYL TILE - SHAW - SOLITUDE 0648V FAWN 48516 - BRICK INSTALLATION METHOD
	LUXURY VINYL TILE - MOHAWK - HOT & HEAVY II COLLECTION CHROMASCOPE 5.0 C2114 - TRANQUIL TEAL 672 - BRICK ASHLAR INSTALLATION METHOD
	PORCELAIN FLOOR TILE - DALTILE - VOLUME 1.0 - REVERB ASHVL74 - 12" X 24" FLOOR TILE - STACK BOND
	18 GAUGE STAINLESS STEEL BACK SPLASH

FINISH PLAN KEY NOTES

1. G.C. TO PROVIDE AND INSTALL SCHLUTER FINEC TRIM AT ALL OUTSIDE IN RESTROOMS
2. G.C. TO PROVIDE AN INSTALL SCHLUTER JOLLY TRIM AT EXPOSED OUTSIDE EDGE OF WALL TILE.
3. G.C. TO PROVIDE AND INSTALL DRAPER BLACKOUT ROLLER SHADE SYSTEM (WS2) AT EXISTING WINDOWS.
4. G.C. TO PROVIDE AND INSTALL ROLLER SHADE SYSTEM (WS1) AT EXISTING WINDOWS
5. G.C. TO PROVIDE AND INSTALL BEVELED MARBLE SADDLE AT DOOR WAY / FLOOR TRANSITION
6. G.C. TO PROVIDE AND INSTALL RUBBER FLOOR TRANSITION AT LVT / VCT FLOORING JOINT. *SEE FINISH SCHEDULE ON A9.00 FOR ADDITIONAL INFORMATION*
7. G.C. TO SUPPLY AND INSTALL 18 GAUGE STAINLESS STEEL AT DEVELOPMENT SINK WALL. G.C. TO INCLUDE STAINLESS STEEL CAP MOLDING FOR EXPOSED EDGES.

TYPICAL REFLECTED CEILING PLAN NOTES

1. CEILING PLANS MAY NOT INDICATE ALL MECHANICAL AND / OR ELECTRICAL CEILING MOUNTED ITEMS. REFER TO M - SERIES AND E - SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
2. CEILING GRID SHALL BE ARRANGED TO BE SPACED EQUALLY IN EACH DIRECTION WITH NO TILE LESS THAN 6" UNLESS OTHERWISE REQUIRED.
3. PROVIDE CEILING EXPANSION JOINT AT ALL NEW TO EXISTING INTERSECTIONS AND WHERE INDICATED ON PLANS.
4. UNLESS OTHERWISE NOTED, ALL SOFFITS AND WINDOW POCKETS SHALL BE ⅝" TYPE 'X' GYP. BOARD OVER 18 GA. COLD FORMED FRAMING AT 16" O.C.
5. ALL AREAS NOTED AS 'OPEN' AND / OR 'NO CEILING (CLG.) SHALL BE PAINTED - INCLUDING BUT NOT LIMITED TO DECK, STRUCTURE, DUCTWORK, ETC.)
6. ACOUSTICAL CEILINGS SHALL HAVE A FLAME SPREAD OF 25 OR LESS COMPLYING WITH 'ASTM E-84'. SMOKE DEVELOPED RATING OF 50 OR LESS COMPLYING WITH PERFORMANCE REQUIREMENTS AND PHYSICAL CHARACTERISTICS OF THE SPECIFIED CEILINGS AS INDICATED IN THE REFLECTED CEILING PLAN. (ASTM E-1264)
7. ACOUSTICAL CEILINGS SHALL HAVE A MINIMUM NOISE REDUCTION COEFFICIENT (NRC) RATING OF 0.65.

SYMBOLS LEGEND

SYMBOL	DESCRIPTION
ROOM NAME XXX CLG. HEIGHT / TYPE	ROOM TAG, CEILING TILE TYPE AND FINISH CEILING ELEVATION (A.F.F.)
NO CLG.	OPEN TO STRUCTURE AND DECK ABOVE (PAINT)
	SUSPENDED ACOUSTICAL CEILING TILE AND GRID
	GYPSUM BOARD SOFFIT OVER METAL FRAMING. REFER TO DETAIL, THIS SHEET. TAPE, SPACKLE AND PAINT.
	RECESSED OR SURFACE MOUNTED LIGHT FIXTURE BY E.C. REFER TO E-SERIES DRAWINGS.
	RECESSED DARKROOM SAFELIGHT TWO COMPARTMENT LIGHTING FIXTURE BY E.C. REFER TO E-SERIES DRAWINGS.
	PLENUM RATED ENCLOSURE WITH inREACH CORD REEL BY E.C. REFER TO E-SERIES DRAWINGS.
	EXIT SIGN BY E.C. REFER TO E-SERIES DRAWINGS.
F	CEILING MOUNTED SPEAKER BY E.C. REFER TO E-SERIES DRAWINGS.
2	SMOKE / HEAT DETECTORS BY E.C. REFER TO E-SERIES DRAWINGS.
I	FIXED TEMPERATURE HEAT DETECTOR BY E.C. REFER TO E-SERIES DRAWINGS.
OS	OCCUPANCY SENSOR BY E.C. REFER TO E-SERIES DRAWINGS.
VS	CEILING MOUNTED VACANCY / DAYLIGHT SENSOR BY E.C. REFER TO E-SERIES DRAWINGS.
	CEILING GRILLE / REGISTER BY M.C. REFER TO M-SERIES DRAWINGS.
	EXTERIOR WALL MOUNTED LIGHT FIXTURE BY E.C. REFER TO E-SERIES DRAWINGS.
	CEILING MOUNTED CABINET HEATER BY M.C. REFER TO M-SERIES DRAWINGS.
1	REVISION CLOUD AND KEYED DESIGNATION. REFER TO DRAWING TITLEBLOCK FOR ADDITIONAL INFORMATION.

REV.	DATE	ITEM
01	02/06/26	BID ADD. NO. 05

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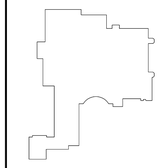

KEY PLAN

NOT TO SCALE

PROJECT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE: FINISH FLOOR PLANS and REFLECTED CEILING PLANS

DRAWING BY: P.J.H.

CHECK BY: P.J.H.

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NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

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NEW YORK 12203
T. 518.621.7650
F. 518.621.7655

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SED No. 66-19-05-02-0-002-022

DISTRICT: BLIND BROOK UNION FREE SCHOOL DISTRICT

PROJECT: PHASE 3 - BOND IMPROVEMENTS

DWG TITLE: FINISH FLOOR PLANS AND REFLECTED CEILING PLANS

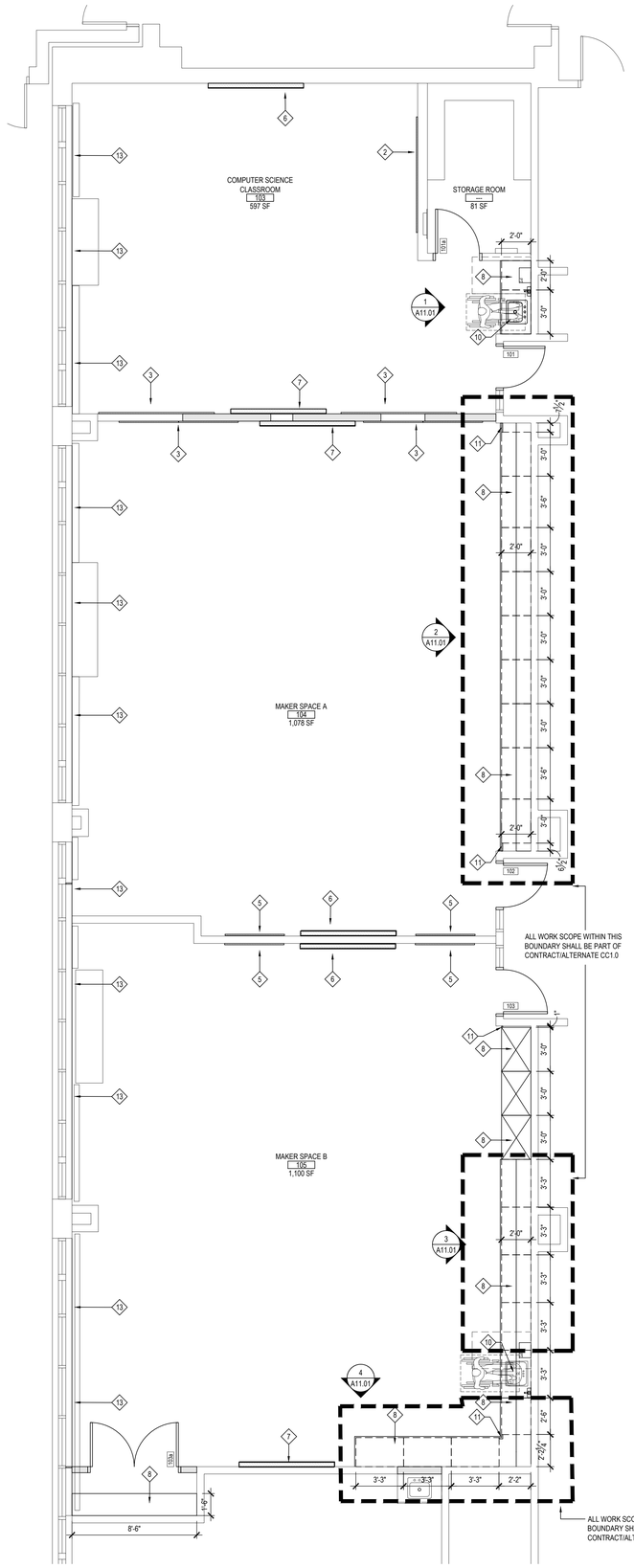
SCALE: AS NOTED

DATE: AUGUST 2025

BID PICK-UP: DECEMBER 15, 2025

FILE No: 25-142a

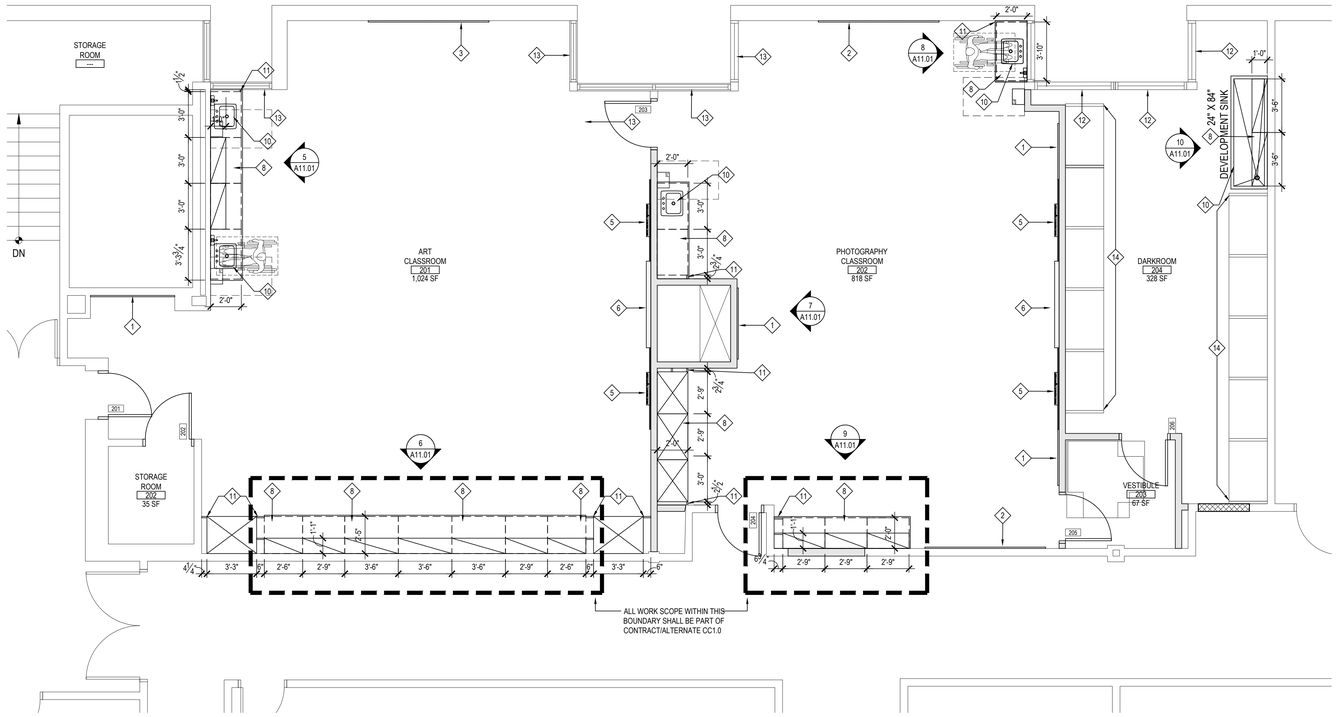
A9.01



PROPOSED FIRST FLOOR PLAN

at TECHNOLOGY CLASSROOMS

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



PROPOSED SECOND FLOOR PLAN

at ART ROOM SUITE

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

PROPOSED KEY NOTES

1. 4'-0"H x 4'-0"W TACKBOARD PROVIDED AND INSTALLED BY G.C.
2. 4'-0"H x 8'-0"W TACKBOARD PROVIDED AND INSTALLED BY G.C.
3. 4'-0"H x 8'-0"W GLASS MARKERBOARD BY 'CLARIDGE' OR ARCHITECT APPROVED EQUAL PROVIDED AND INSTALLED BY G.C.
4. 4'-0"H x 6'-0"W GLASS MARKERBOARD BY 'CLARIDGE' OR ARCHITECT APPROVED EQUAL PROVIDED AND INSTALLED BY G.C.
5. 4'-0"H x 4'-0"W GLASS MARKERBOARD BY 'CLARIDGE' OR ARCHITECT APPROVED EQUAL PROVIDED AND INSTALLED BY G.C.
6. EXISTING LARGE INTERACTIVE DISPLAY. RELOCATED AND INSTALLED BY E.C. G.C. TO PROVIDE BLOCKING. COORDINATE IN FIELD.
7. LCD MONITOR PROVIDED AND INSTALLED BY E.C. G.C. TO PROVIDE BLOCKING. COORDINATE IN FIELD. REFER TO E-SERIES DRAWINGS.
8. NEW CASEWORK BY CASEWORK CONTRACTOR VIA SEPARATE PURCHASE ORDER. COORDINATE IN FIELD.
9. EXISTING DARKROOM CASEWORK, G.C. TO RELOCATE AND INSTALL IN NEW DARKROOM.
10. NEW DROP IN STAINLESS STEEL SINK AND FAUCET, PROVIDED AND INSTALLED BY CASEWORK CONTRACTOR. SEE P1 SERIES DRAWINGS FOR DETAILS.
11. FILLER / FINISHED PANEL TO CONCEAL EMPTY SPACE. DIMENSIONS TO BE VERIFIED IN FIELD BY CASEWORK CONTRACTOR.
12. DRAPER BLACK OUT ROLLER SHADES OR ARCHITECT APPROVED EQUAL PROVIDED AND INSTALLED BY G.C.
13. DRAPER ROLLER SHADES OR ARCHITECT APPROVED EQUAL PROVIDED AND INSTALLED BY G.C.
14. EXISTING DARK ROOM WORK STATIONS TO BE REMOVED AND RE-INSTALLED BY G.C.

GENERAL NOTES:

1. G.C. SHALL COORDINATE TACK BOARD / MARKERBOARD LOCATIONS AND ELEVATIONS IN EACH CLASSROOM W/ PROPOSED MONITORS AND TECHNOLOGY ITEMS AND OTHER CLASSROOM / OFFICE EQUIPMENT AND FURNISHINGS.
2. MARKERBOARDS SHALL BE AS MANUFACTURED BY 'CLARIDGE PRODUCTS, INC.' OR ARCHITECT APPROVED EQUAL WITH INVISI-MOUNT MOUNTING HARDWARE. COLOR: WHITE.
3. G.C. SHALL REFER TO M.E.P. SERIES DRAWINGS FOR ADDITIONAL WORK SCOPES NOT SHOWN ON THESE DRAWINGS AND COORDINATION OF WORK SCOPE BY OTHERS.

WOOD CASEWORK CONSTRUCTION NOTES

1. WOOD CASEWORK SHALL BE MANUFACTURED BY 'CAMPBELL RHEA' STYLE 'SIGNATURE' OR ARCHITECT APPROVED EQUAL AND SHALL MATCH THE CABINET CONFIGURATIONS SHOWN IN THE CASEWORK PLANS AND ELEVATIONS.

NOTE: SIGNATURE IS OUR STANDARD HEAVY DUTY ART/SCIENCE/FACS CABINET. IF THERE IS A NEED FOR A MEDIUM-HEAVY DUTY CABINET WITH MATCHING GRAIN ON DOORS AND DRAWERS - SPEC TIER ONE WITH A CONCEALED HINGE (LIBRARY)

2. ALL WOOD CASEWORK / COUNTERS SHALL BE PROVIDED AND INSTALLED BY CASEWORK CONTRACTOR UNLESS OTHERWISE NOTED.
4. GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL CONTINUOUS BLOCKING BETWEEN COLD FORMED FRAMING AT ALL CASEWORK LOCATIONS.
5. REFER TO SPECIFICATIONS FOR TYPICAL FRAME, DRAWER, DOOR AND SHELF CONSTRUCTION FOR ALL CASEWORK.
6. UNLESS OTHERWISE NOTED OR SPECIFIED, FINISH HARDWARE FOR ALL CABINETS SHALL BE AS FOLLOWS:
   - ALL HINGES SHALL BE STANDARD FIVE KNUCKLE.
   - ALL DOOR AND DRAWER PULLS SHALL BE WIRE TYPE.
   - ALL DOOR CATCHES SHALL BE ADJUSTABLE SPRING ACTUATED NYLON ROLLER.
   - ALL DRAWER SLIDES SHALL BE FULL EXTENSION TYPE.
   - ALL SHELF CLIPS SHALL BE PLASTIC TWIN PIN TYPE THROUGHOUT.
7. ALL COUNTER TOPS SHALL BE 1" PHENOLIC RESIN UNLESS OTHERWISE INDICATED. COLOR AS SELECTED BY ARCHITECT.
8. ALL BASE CABINETS TO BE INSTALLED ALONG A WINDOW WALL SHALL BE PROVIDED WITH TOE SPACE GRILLS. ALL SAID BASE CABINETS SHALL ALSO BE INSTALLED WITH 3" WIDE ALUMINUM GRILLS AT TOP OF CABINET TO BE CUT INTO COUNTER (OR HORIZONTAL FILLER AT TALL CABINETS). GRILLS SHALL BE CENTERED BEHIND EACH CABINET AND TOTAL LENGTHS SHALL BE 6" LESS THAN SAID CABINET WIDTH. (IE: 47" CABINET YIELDS 41" GRILL).
9. FURNISH AND INSTALL FILLER PANELS, WHERE NECESSARY, TO PROVIDE A COMPLETE & FINISHED INSTALLATION. FILLER PANELS SHALL BE USED TO FORM CONTINUOUS CABINETRY BETWEEN ALL UNITS AND / OR ADJACENT SURFACES.
10. ALL DRAWERS AND DOORS SHALL BE SUPPLIED WITH SPECIFIED LOCKS. ALL CASEWORK IN EACH ROOM SHALL BE KEYED ALIKE, AND EACH ROOM SHALL BE KEYED DIFFERENTLY. UPPER WALL CABINETS IN PREP ROOMS SHALL BE PROVIDED WITH LABEL HOLDERS.
11. REMOVABLE BACK PANELS SHALL BE PROVIDED AT ALL SINK BASE CABINETS. TYPICAL THROUGHOUT. ALL SLOPED KNEE SPACES SHALL BE PROVIDED WITH REMOVABLE PANEL. PROVIDE SECURITY TYPE FASTENERS AT ALL EXPOSED LOCATIONS.
12. DOOR GLASS FOR EITHER TALL CABINETS OR WALL CABINETS SHALL BE ¼" TEMPERED SAFETY GLASS. PROVIDE GLAZING LABEL ON ALL PIECES.
13. PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL ALL SINKS AND FAUCETS. SINKS SHALL BE DROP-IN TYPE. REFER T P-SERIES DRAWINGS.
14. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS FOR ADDITIONAL INFORMATION ON SURFACE MOUNTED OR RECESSED WALL BOXES AND / OR SURFACE RACEWAY.
15. ELECTRICAL CONTRACTOR SHALL COORDINATE MOUNTING LOCATIONS FOR POWER AND DATA MANAGEMENT SYSTEM TO UNDERSIDE OF CASEWORK WHERE REQUIRED. PROVIDE ALL CUTOUTS IN PANELS AS REQUIRED FOR CABLE PASSAGE BETWEEN UNITS.
16. G.C. SHALL SUBMIT SHOP DRAWINGS AND COLOR SAMPLES FOR APPROVAL BY ARCHITECT ACCORDING TO SPECIFICATIONS PRIOR TO FABRICATION.
17. CASEWORK CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH EXISTING FIELD CONDITIONS PRIOR TO FINAL FABRICATION OF ALL CASEWORK AND BUILD TO SUIT.
18. ALL FINAL PLUMBING CONNECTIONS BY P.C. ALL FINAL MECHANICAL CONNECTIONS BY M.C. ALL FINAL ELECTRICAL CONNECTIONS BY E.C.
19. UNLESS OTHERWISE NOTED ALL TACK BOARDS, MARKER BOARDS SHALL BE PROVIDED AND INSTALLED BY G.C. CASEWORK CONTRACTOR SHALL COORDINATE WITH ALL TRADES FOR WALL MOUNTED COMPONENTS WHICH MAY NOT BE SHOWN THESE PLANS OR ELEVATIONS.
20. UNLESS OTHERWISE NOTED ALL SMARTBOARDS AND / OR LCD SCREENS SHALL BE PROVIDED BY THE OWNER, INSTALLED BY THE E.C. CASEWORK CONTRACTOR SHALL COORDINATE WITH ALL TRADES FOR WALL MOUNTED COMPONENTS WHICH MAY NOT BE SHOWN THESE PLANS OR ELEVATIONS.

ART/STEAM/FACS/NURSE CASEWORK

ICI SCIENTIFIC OR EQUAL
SPECIES: MAPLE - MAPLE NATURAL #1000
WITH 1" DURCON PLATINUM EPOXY WORK SURFACE AND INTEGRATED SINK

ADD/ALT. CC-1.0 - PLASTIC LAMINATE WORK SURFACES at DESIGNATED LOCATIONS

1. CASEWORK CONTRACTOR TO SUPPLY AND INSTALL PLASTIC LAMINATE WORK SURFACE AND DESIGNATED LOCATIONS WHERE PLUMBING IS NOT PRESENT.

ICI SCIENTIFIC OR EQUAL
SPECIES: MAPLE - MAPLE NATURAL #1000
WITH 1"PLASTIC LAMINATE WORK SURFACE - FORMICA WINTER SKY 8792-58 MATTE TEXTURE

ADD/ALT. CC-1.1 - PLASTIC LAMINATE WORK SURFACES in ALL CLASSROOMS

1. CASEWORK CONTRACTOR TO SUPPLY AND INSTALL PLASTIC LAMINATE WORK SURFACE AT ALL NEW CASE WORK. STAINLESS STEEL DROP IN SINK JOINTS TO BE SEALED PROPERLY AND EFFECTIVELY.

ICI SCIENTIFIC OR EQUAL
SPECIES: MAPLE - MAPLE NATURAL #1000
WITH 1"PLASTIC LAMINATE WORK SURFACE - FORMICA WINTER SKY 8792-58 MATTE TEXTURE

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

PROJECT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE: CASEWORK PLAN NOTES and DETAILS

DRAWING BY: F.G.H.
CHECK BY: JP

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F. 631.475.0361

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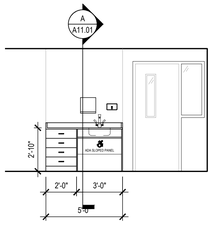
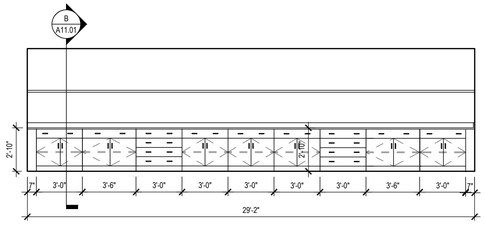
SED No.	66-19-05-02-0-002-022
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	CASEWORK PLAN NOTES and DETAILS
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142a

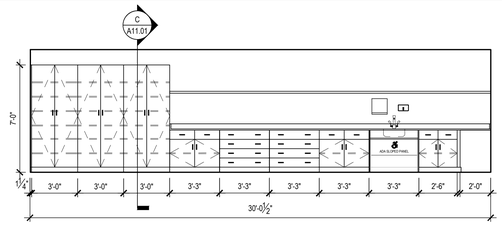
A11.00



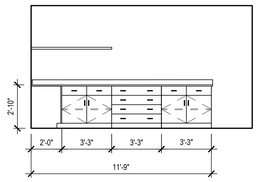
1 CASEWORK ELEVATION
at CLASSROOM No. 103 SCALE: 1/4" = 1'-0"



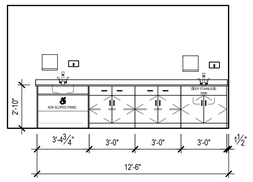
2 CASEWORK ELEVATION
at CLASSROOM No. 104 SCALE: 1/4" = 1'-0"



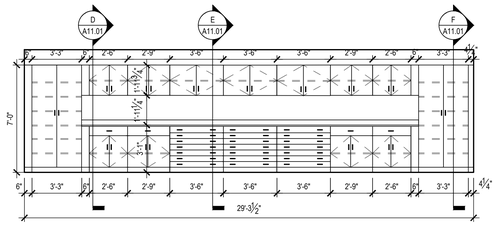
3 CASEWORK ELEVATION
at CLASSROOM No. 105 SCALE: 1/4" = 1'-0"



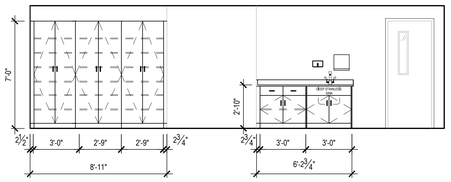
4 CASEWORK ELEVATION
at CLASSROOM No. 103 SCALE: 1/4" = 1'-0"



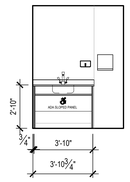
5 CASEWORK ELEVATION
at CLASSROOM No. 201 SCALE: 1/4" = 1'-0"



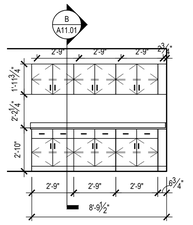
6 CASEWORK ELEVATION
at CLASSROOM No. 201 SCALE: 1/4" = 1'-0"



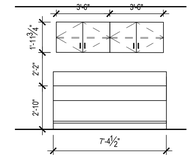
7 CASEWORK ELEVATION
at CLASSROOM No. 202 SCALE: 1/4" = 1'-0"



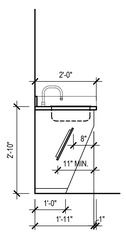
8 CASEWORK ELEVATION
at CLASSROOM No. 202 SCALE: 1/4" = 1'-0"



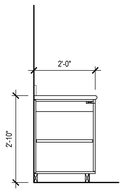
9 CASEWORK ELEVATION
at CLASSROOM No. 202 SCALE: 1/4" = 1'-0"



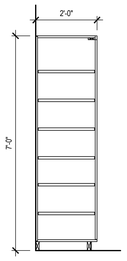
10 CASEWORK ELEVATION
at CLASSROOM No. 204 SCALE: 1/4" = 1'-0"



A SECTION DETAIL
at ALL NEW SINKS SCALE: 1/2" = 1'-0"



B SECTION DETAIL
SCALE: 1/2" = 1'-0"



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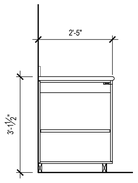
SCALE: 1/2" = 1'-0"



D SECTION DETAIL
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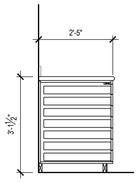
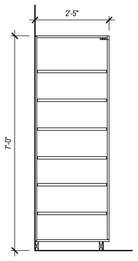


E SECTION DETAIL
SCALE: 1/2" = 1'-0"



F SECTION DETAIL
SCALE: 1/2" = 1'-0"

REV.	DATE	ITEM

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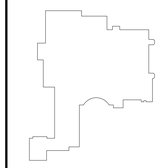

KEY PLAN
NOT TO SCALE

PROJECT
BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE
CASEWORK ELEVATIONS

DRAWING BY: F.G.H.
CHECK BY: P.J.H.

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BBS
ARCHITECTS
LANDSCAPE ARCHITECTS
ENGINEERS

244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

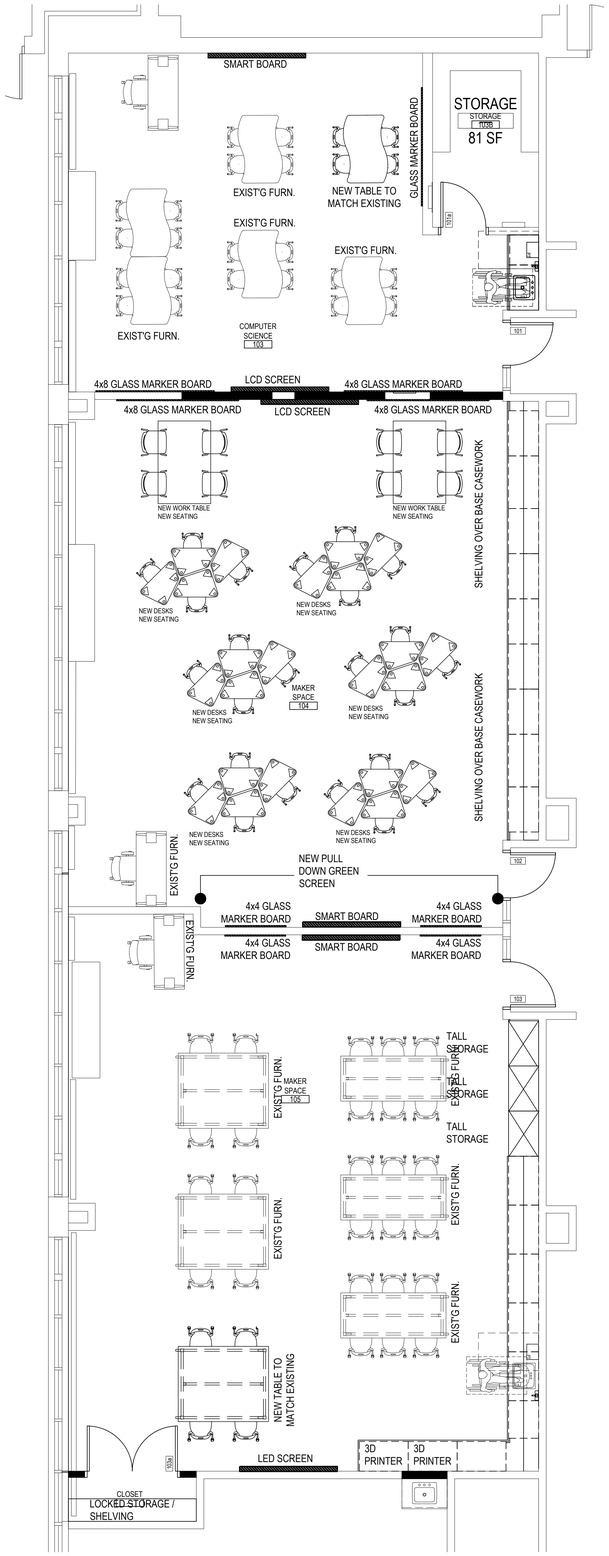
100 GREAT OAKS BLVD.
SUITE 115, ALBANY
NEW YORK 12203
T. 518.621.7650
F. 518.621.7655

www.BBSARCHITECTURE.com

SED No. 66-19-05-02-0-002-022
DISTRICT BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT PHASE 3 - BOND IMPROVEMENTS
DWG TITLE CASEWORK ELEVATIONS

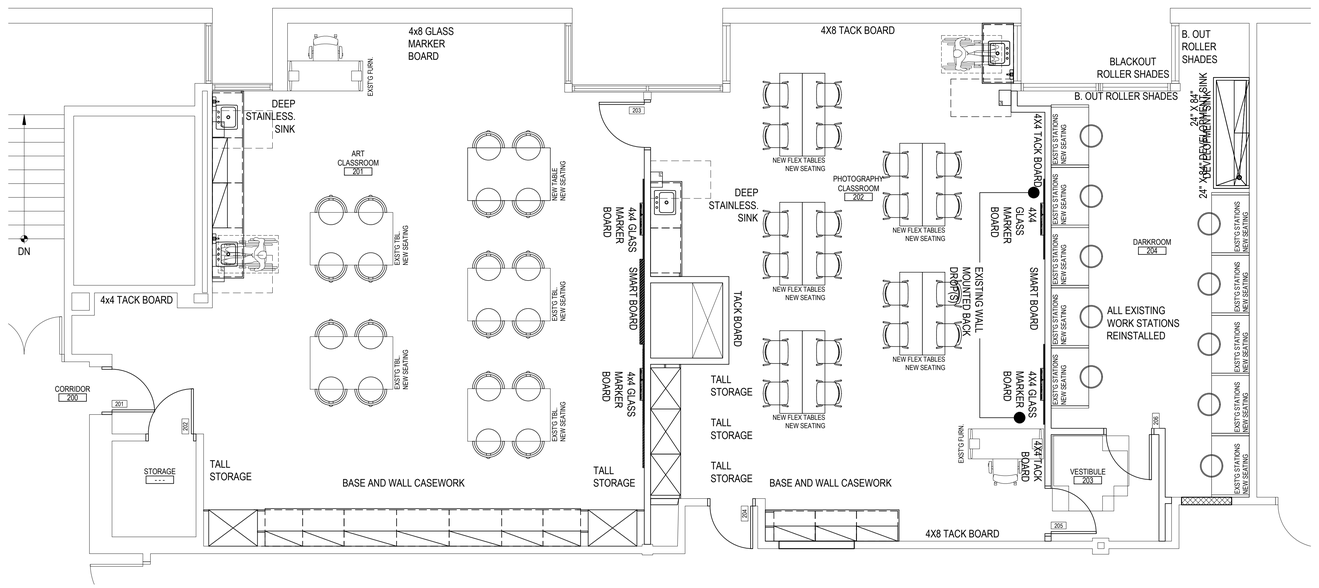
SCALE: AS NOTED
DATE: AUGUST 2025
BID PICK-UP: DECEMBER 15, 2025
FILE No: 25-142a

A11.01



ENLARGED FURNITURE PLAN

at TECHNOLOGY CLASSROOMS SCALE: 1/4" = 1'-0"



ENLARGED FURNITURE PLAN

at SECOND FLOOR CLASSROOMS SCALE: 1/4" = 1'-0"

REV.	DATE	ITEM

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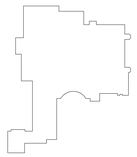

KEY PLAN

NOT TO SCALE

PROJECT

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE

FURNITURE NOTES and DETAILS

DRAWING BY: FGH

CHECK BY: - - -

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NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

100 GREAT OAKS BLVD.
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NEW YORK 12203
T. 518.621.7650
F. 518.621.7655

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SED No.	66-19-05-02-0-002-022
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	FURNITURE NOTES and DETAILS TEMPLATE SHEET
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142a

A11.03

VENTILATION SCHEDULE

Room Number	Occupancy Classification	Occupancy Density (People Per 1000SF)	People Outdoor Airflow Rate in Breathing Zone, Rp (CFM/Person)	Area Outdoor Airflow Rate in Breathing Zone, Ra (CFM/SF)	Exhaust Airflow Rate (CFM/SF)	Area (SF)	Number of People (Pz)	Ventilation in Breathing Zone, Vbz (CFM)	Zone Air Distribution Effectiveness, Ez	Corrected Zone Outdoor Airflow CFM, Voz	Supplied OAI
Compute Class 103	Classroom (age 9 plus)	20	10	0.12	0	600	12	192	0.9	214	215
Maker's Space 104	Classroom (age 9 plus)	20	10	0.12	0	1078	22	350	0.9	389	390
Maker's Space 105	Classroom (age 9 plus)	20	10	0.12	0	1100	22	352	0.9	392	390
Art classroom	Art classroom	20	10	0.18	0.7	1024	21	395	1	395	720
Photo classroom	Classroom (age 9 plus)	20	10	0.12	0	821	17	269	1	269	270
Dark room	Darkroom	20	0	0	1	325	7	0	1	0	325

ABBREVIATIONS

A.F.F.	ABOVE FINISHED FLOOR
B.D.	BACKDRAFT DAMPER
CFM	CUBIC FEET OF AIR PER MINUTE
F&T	FLOAT & THERMOSTATIC
FPM	FEET PER MINUTE
FSD	FIRE DAMPER - DUCT MOUNTED
FLEX	FLEXIBLE
GPM	GALLONS PER MINUTE
HWS	HEATING SYSTEM HOT WATER SUPPLY
HWR	HEATING SYSTEM HOT WATER RETURN
I.D.	INSIDE DIAMETER
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MAX.	MAXIMUM
MIN.	MINIMUM
MBH	BTU x 1,000
G	NATURAL GAS
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
O.A.	OUTSIDE AIR
O.D.	OUTSIDE DIAMETER
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
R.A.	RETURN AIR
S.A.	SUPPLY AIR
S.P.	STATIC PRESSURE
STD.	STANDARD
T	TEMPERATURE
TXV	THERMAL EXPANSION VALVE
TYP.	TYPICAL
V.D.	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE

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
	CONNECTION POINT OF DEMOLITION WORK TO BE DONE
	CONNECTION POINT OF NEW WORK TO BE DONE
PT	WALL-MOUNTED PROGRAMMABLE THERMOSTAT WITH BACNET CARD (PROVIDED BY HVAC EQUIPMENT MANUFACTURER)
T	WALL MOUNTED THERMOSTAT (DDC)
S# N# Y#	NEW SUPPLY DIFFUSER/GRILLE/REGISTER TAG (TYPICAL)
R# E# Z#	NEW RETURN GRILLE/REGISTER TAG (TYPICAL)
M	MOTORIZED DAMPER
FSD/AD	COMBINATION FIRE/SMOKE DAMPER WITH ACCESS DOOR
FD/AD	FIRE DAMPER WITH ACCESS DOOR
	ROOF MOUNTED EXHAUST FAN
	DEMOLITION WORK TO BE DONE

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 230680 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.
20. THE MC SHALL BE RESPONSIBLE FOR ALL REQUIRED OPENINGS , PENETRATIONS, CORE-DRILLS, ETC. AND PATCHING, FIRESTOPPING AND WEATHER TIGHTNESS OF THE SAME

CONTRACTOR ABBREVIATION LEGEND

G.C.	GENERAL CONTRACTOR, UNDER MC CONTRACT
M.C.	MECHANICAL CONTRACTOR
E.C.	ELECTRICAL CONTRACTOR
P.C.	PLUMBING CONTRACTOR, UNDER MC CONTRACT

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, POSITIONED FOR EASY REPLACEMENT OF THE LINK.
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 230680 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.

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 233113, 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 233113 & 230713 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 233113 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 233113 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 230593 & 230580 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.

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

PROJECT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE: MECHANICAL GENERAL NOTES, LEGEND AND KEY PLAN

DRAWING BY: D.S.
CHECK BY: D.S.

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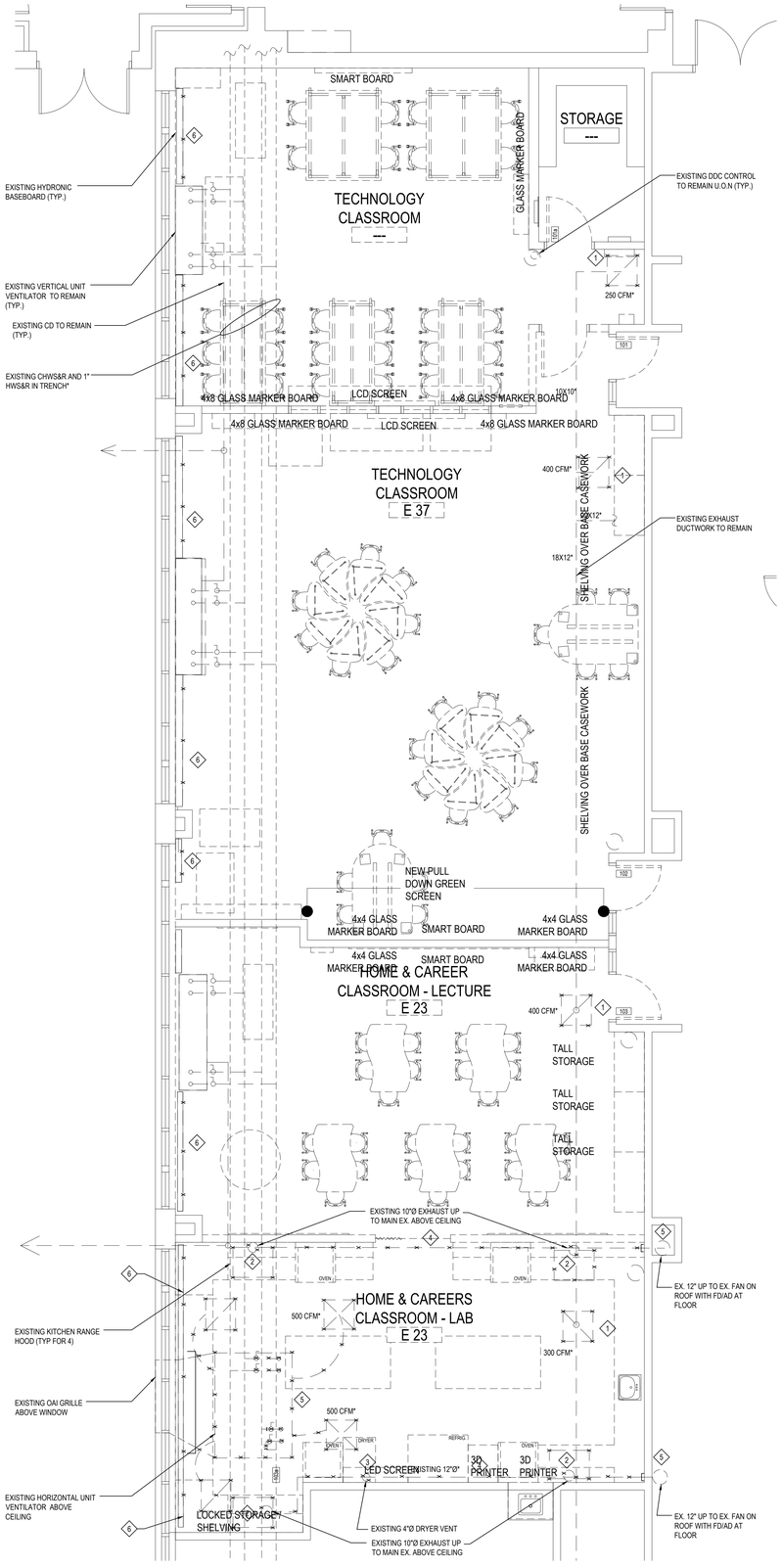
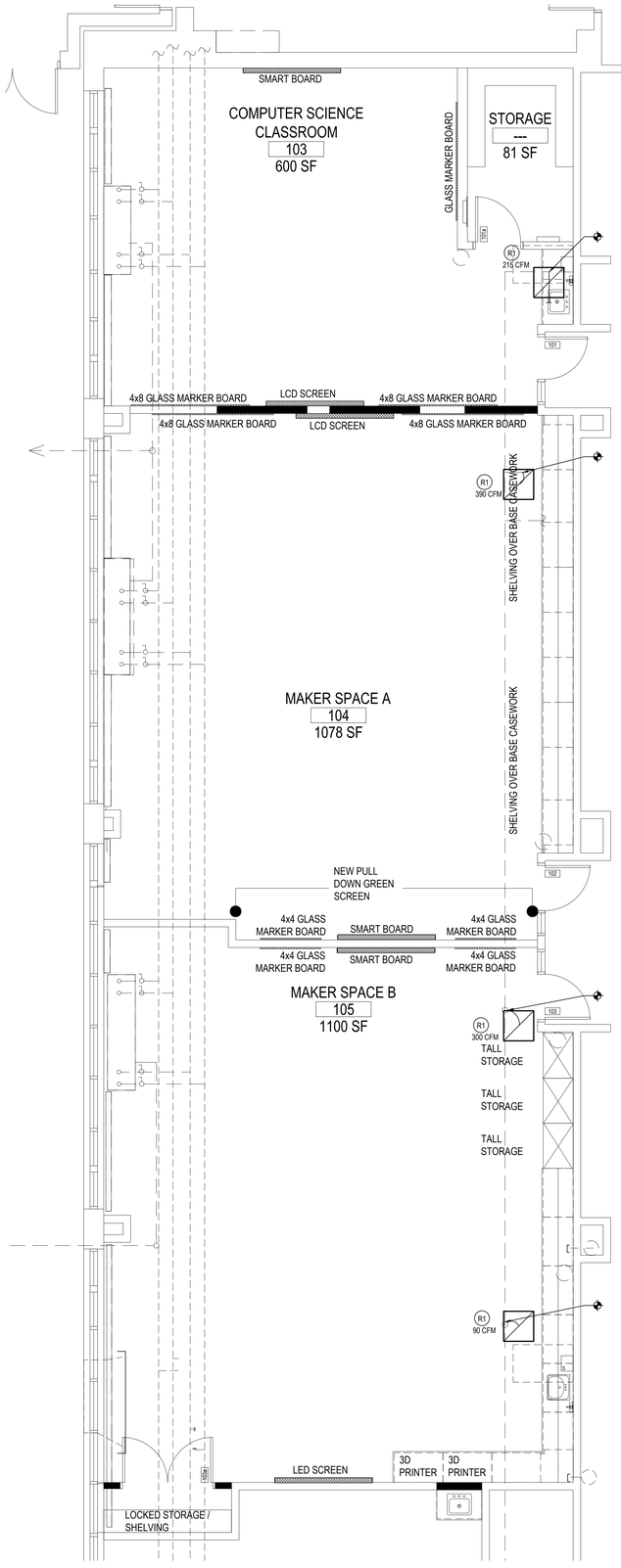
SED No.	66-19-05-02-0-002-022
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	MECHANICAL GENERAL NOTES, LEGEND AND KEY PLAN
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142a

M0.01



MECHANICAL DEMOLITION 1ST FLOOR PART PLAN

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



MECHANICAL NEW 1ST FLOOR PART PLAN

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

NOTES:

1. DISCONNECT AND REMOVE EXISTING EXHAUST REGISTER EXTEND EXHAUST DUCT, IF NECESSARY, TO CONNECT WITH NEW EXHAUST REGISTERS. MATCH SIZE AND MODEL OF THE NEW REGISTER WITH EXISTING. MC TO COORDINATE EXACT GRID LOCATION WITH THE ARCHITECT
2. DISCONNECT POWER AND REMOVE EXISTING KITCHEN HOOD AND 10" VERTICAL EXHAUST DUCT. COORDINATE WORK WITH EC
3. DISCONNECT AND REMOVE EXISTING 4"Ø DRYER VENT
4. REMOVE EXISTING 12"Ø EXHAUST DUCT ABOVE CEILING AND CAP AS INDICATED
5. REMOVE POWER AT THE EXHAUST FANS ON THE ROOF SERVING THE EXISTING KITCHEN HOODS AND ABANDON IN PLACE. COORDINATE WORK WITH EC
5. DISCONNECT POWER AND REMOVE EXISTING HORIZONTAL UNIT VENTILATOR WITH ASSOCIATED DUCTWORK AND SUPPLY AND RETURN DIFFUSERS. CAP OAI DUCT AS INDICATED ON THE DRAWING. DISCONNECT HOT AND CHILLED WATER SUPPLY PIPING AND REMOVE AND CAP CLOSE TO MAINS AS INDICATED, REMOVE CONDENSATE DRAIN.GC TO REMOVE OAI LOUVER INTAKE AND PATCH
6. REPLACE EXISTING BASEBOARD ENCLOSURE WITH NEW STERLING ENCLOSURE TO MATCH MODEL AND SIZE OF EXISTING.

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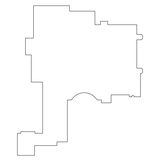

KEY PLAN

NOT TO SCALE

PROJECT

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE

MECHANICAL DEMOLITION AND NEW 1ST FLOOR PART PLANS

DRAWING BY:	D.S.
CHECK BY:	D.S.

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F. 631.475.0361

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ALBANY
NEW YORK 12205
T. 518.621.7650
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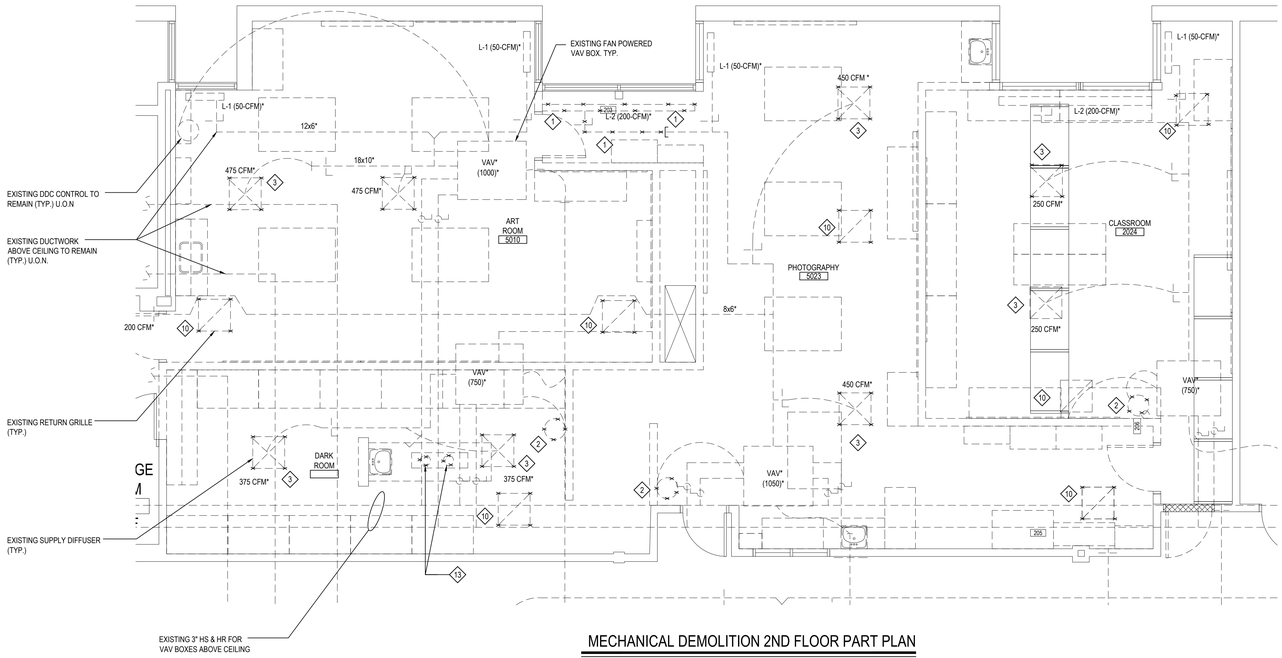
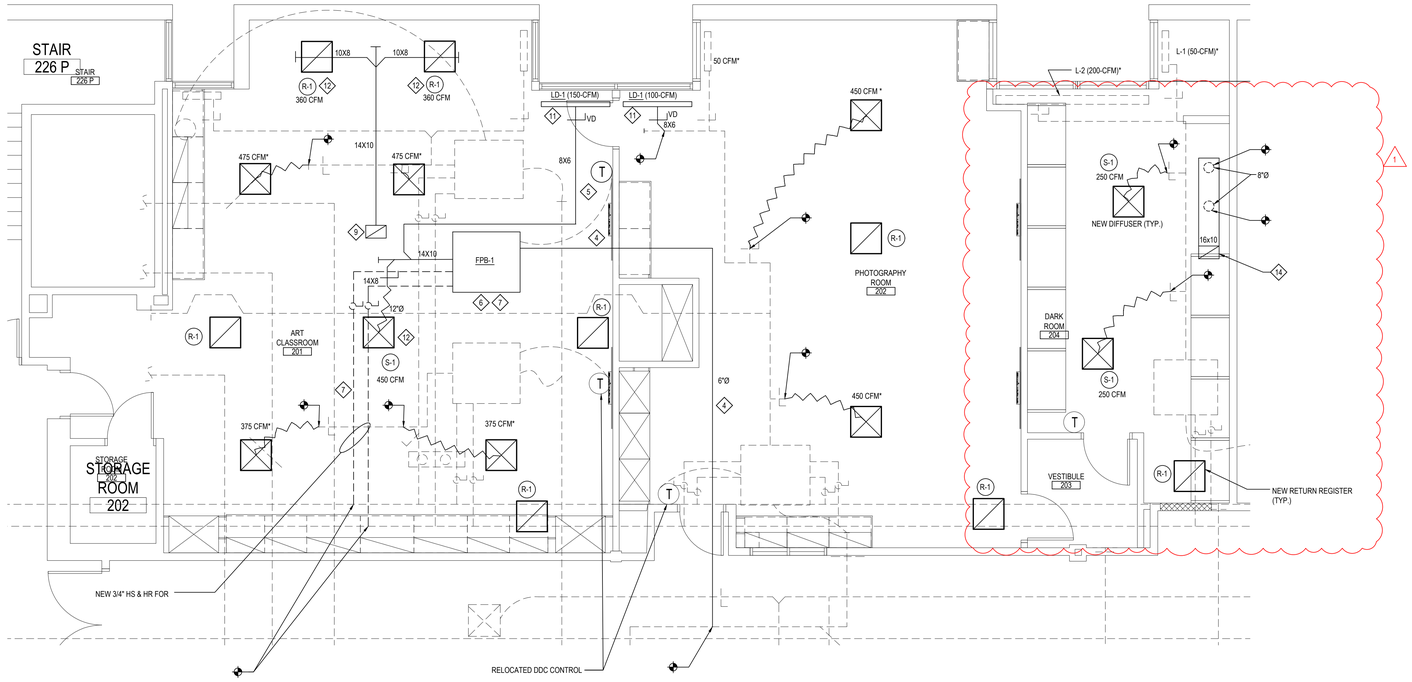


MECHANICAL DEMOLITION 2ND FLOOR PART PLAN

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

MECHANICAL ROOF FLOOR PART PLAN (ABOVE ART CLASSROOM 201)

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



MECHANICAL NEW 2ND FLOOR PART PLAN

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

NOTES:

1. DISCONNECT AND REMOVE EXISTING LINEAR DIFFUSER , PLENUM AND EXISTING DUCT AND CAP DUCTWORK AS INDICATED
2. REMOVE AND RELOCATE EXISTING DDC CONTROLLER.
3. DISCONNECT AND REMOVE EXISTING SUPPLY DIFFUSER. EXTEND SUPPLY DUCT, IF NECESSARY, TO CONNECT WITH NEW SUPPLY DIFFUSER . MATCH SIZE AND MODEL OF THE NEW SUPPLY DIFFUSER WITH EXISTING. MC TO COORDINATE EXACT GRID LOCATION WITH THE ARCHITECT
4. CONNECT NEW 6"Ø , TO EXISTING MAIN DUCT. VERIFY IN FIELD EXACT DUCT LOCATION
5. NEW DDC CONTROL
6. NEW FAN POWERED VAV BOX, FPB-1 ABOVE CEILING. VERIFY EXISTING CONDITIONS FOR CLEARANCE BEFORE INSTALLING THE BOX AND LOCATE IT ABOVE THE CEILING OF THE ROOM WHERE THERE IS ENOUGH ROOM TO ALLOW REQUIRED CLEARANCE AROUND THE BOX
7. RUN NEW 3/4" HS & HR TO NEW FAN POWERED BOX. CONNECT TO EXISTING MAIN HS & HR , VIF EXACT MAIN LOCATION. PROVIDE NEW FPB-1 . SEE MECH. DETAILS FOR MORE INFORMATION
8. NEW EXHAUST FAN EF-1 ON ROOF. FOR MORE INFORMATION SEE MECH. SCHEDULES ON DWG. M6.01
9. 14x10 TO TRANSITION TO 14"Ø UP TO NEW EF-1 ON ROOF. FOR CONTINUATION SEE NEW ROOF PART PLAN THIS DRAWING
10. DISCONNECT AND REMOVE EXISTING RETURN REGISTER EXTEND RETURN DUCT, IF NECESSARY, TO CONNECT WITH NEW REGISTERS . MATCH SIZE AND MODEL OF THE NEW REGISTER WITH EXISTING. MC TO COORDINATE EXACT GRID LOCATION WITH THE ARCHITECT
11. NEW LINEAR DIFFUSER LD-1, 4' LONG WITH NEW PLENUM . FOR MORE INFORMATION SEE MECH. SCHEDULE ON M6.01
12. NEW SUPPLY DIFFUSER S-1 AND EXHAUST GRILLE R-1 TO MATCH MODEL OF EXISTING DIFFUSER/REGISTER/GRILLES
13. DISCONNECT AND REMOVE EXISTING VERTICAL EXHAUST DUCTS FROM WALK AROUND SINK HOODS AND CAP DUCTWORK ABOVE CEILING. EC TO DISCONNECT EXHAUST FANS ON ROOF AND REMOVE HOMERUN.
14. 16X10 EXHAUST TO CONNECT TO BOTH EXISTING 8"Ø HOOD DUCTS ABOVE CEILING AND UP TO NEW EF-2 ON ROOF. FOR CONTINUATION SEE NEW ROOF PART PLAN THIS DRAWING. EF-2 INTERLOCKED WITH ON/OFF SWITCH
15. NEW EXHAUST FAN EF-2 ON ROOF. FOR MORE INFORMATION SEE MECH. SCHEDULES ON DWG. M6.01

REV.	DATE	ITEM
01	02/05/26	BID ADD. NO. 05

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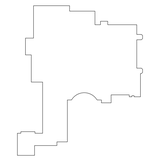

KEY PLAN

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RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE

MECHANICAL DEMOLITION AND NEW 2ND FL. PART PLANS

DRAWING BY: D.S.

CHECK BY: D.S.

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NEW YORK 12205
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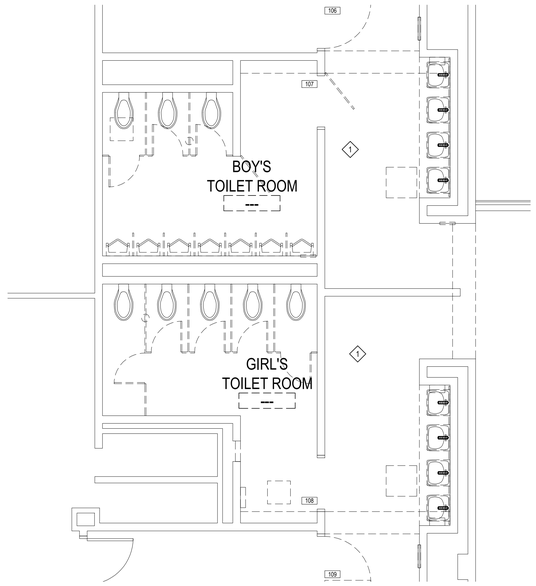
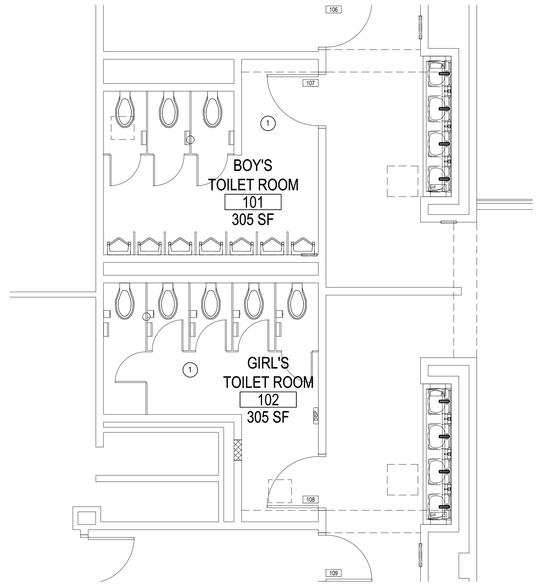
M1.02



MECHANICAL DEMOLITION TOILET #101 & #102 PLAN

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



MECHANICAL NEW TOILET #101 & #102 PLAN

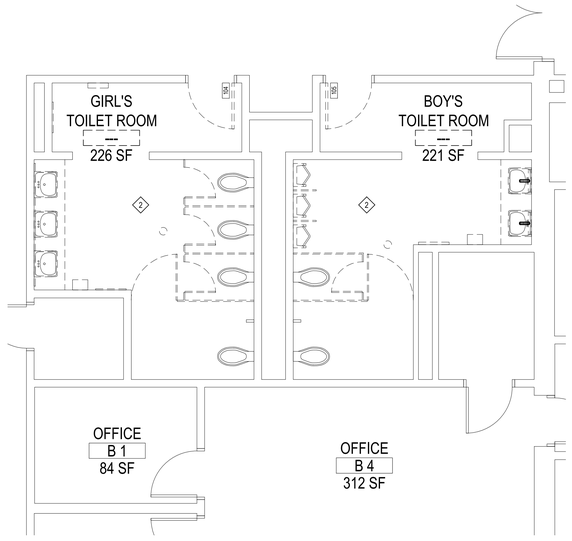
SCALE: 1/4"=1'-0"

MECHANICAL SCOPE - CONTRACTOR DEMOLITION NOTE:

1. MC TO DISCONNECT AND REMOVE EXISTING SIDE WALL EXHAUST REGISTER
2. MC TO DISCONNECT AND REMOVE EXISTING CEILING EXHAUST REGISTER AND SUPPLY DIFFUSER

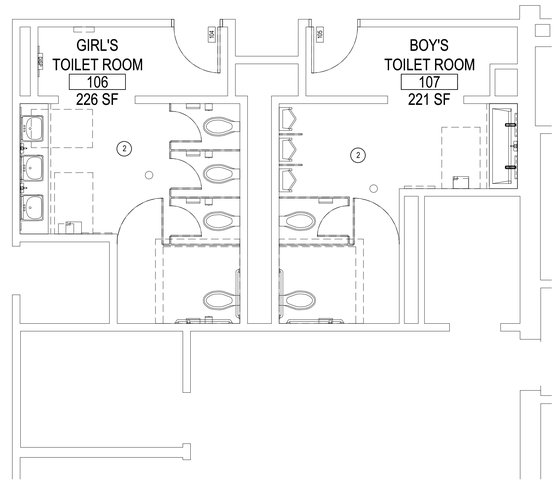
MECHANICAL SCOPE - CONTRACTOR NOTE:

1. MC TO EXTEND EXISTING EXHAUST DUCT IF NECESSARY , TO CONNECT WITH NEW SIDE EX. REGISTER AND MATCH SIZE AND MODEL OF THE NEW EXHAUST REGISTER WITH EXISTING.
2. MC TO EXTEND EXISTING EXHAUST / SUPPLY DUCT IF NECESSARY , TO CONNECT WITH NEW EX. REGISTER / NEW SUPPLY DIFFUSER . MATCH SIZE AND MODEL OF THE NEW EXHAUST REGISTER AND SUPPLY DIFFUSER WITH EXISTING. MC TO COORDINATE EXACT GRID LOCATION WITH THE ARCHITECT



MECHANICAL DEMOLITION TOILET #106 & #107 PLAN

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



MECHANICAL NEW TOILET #106 & #107 PLAN

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

REV.	DATE	ITEM

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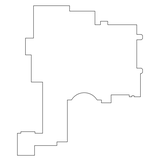

KEY PLAN

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RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE

MECHANICAL DEMOLITION AND NEW TOILET PLANS

DRAWING BY: D.S.

CHECK BY: D.S.

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M1.03

FAN POWERED VAV BOX SCHEDULE

(PRICE AS STANDARD)

#	Qty	Model	Size 1	Inlet Dia	Max Primary (CFM)	Min Primary (CFM)	Fan Flow (CFM)	Inlet SP (in. w.g.)	Downstream SP (in. w.g.)	Dis. H (in)	Dis. W (in)	Max Dis NC	Max Rad NC	Fan Motor Voltage	Motor FLA	Motor HP	Terminal Liner	Inlet Attenuator	Reheat (CFM)	WC Capacity (MBH)	EAT (°F)	LAT (°F)	Fluid Flow (GPM)	FPD (ft. w.g.)	Fluid Type	Max Coil APD (in. w.g.)	EWT (°F)	LWT (°F)	Circuits	Coil	Coil H (in)	Coil W (in)	Weight (lbs)	Protective Shroud
FPB-1	1	FDC	20	8	600	125	600	1.00	0.25	15.00	16.00	20 (2)	20 (3)	277	2.40	1/3	FG1	IAS-TFKP-FG2	600	15.80	70.80	95.00	1.14	0.24	WTR	0.05	180.00	151.60	2	WC	15.00	16.00	135	PS

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. Airflow is given in cubic feet per minute (cfm).
7. Air pressure drop is given in inches water gauge (in. w.g.), and water pressure drop is given in feet of water gauge (ft. w.g.).
8. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
9. Water coil performance is rated and certified in accordance with the latest edition of AHRI Standard 410.

LINEAR DIFFUSER SCHEDULE

(PRICE AS STANDARD)

Qty	Model	Tag	Description	Unit Size	Inlet Size	Border	Face Size	Airflow (CFM)	T150 (ft)	T100 (ft)	T50 (ft)	NC	Velocity (FPM)	Pt (in. w.g.)	Ps (in. w.g.)
2	SDS100	LD-1	Linear Slot Supply, 1" Slot	48.000, 2		2		150	4	10	18	--	500	0.02	0.01
2	SDA100		Sloped Shoulder Plenum For SDS100	48, 2	7	2	7					N/A			

1. Tested in accordance with ASHRAE Standard 70-2006 "Method of Testing for Rating the Performance of Air Outlets and Inlets".
2. Throw data is based on the temperature differential (Dt), in degrees Fahrenheit (°F), between supply air temperature and room temperature.
3. Throw values, in feet (ft), are provided at terminal air velocities of 150 fpm, 100 fpm, and 50 fpm for supply applications.
4. The NC, sound pressure level, is based on a room absorption of 10dB re 10^{-12} Watts in each octave band.
5. Blanks (--) indicate an NC level below 15.
6. Air flow is in cubic feet per minute (cfm).
7. Static pressure (Ps), velocity pressure (Pv), and total pressure (Pt) are in inches of water (in. w.g.).

EXHAUST FAN SCHEDULE

(PRICE AS STANDARD)

FAN SCHEDULE

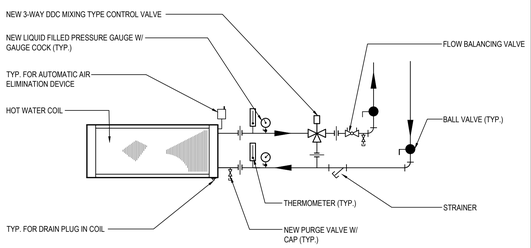
BASIS OF DESIGN: GREENHECK

TAG	QTY.	LOCATION	SERVICE	MODEL	TYPE	DRIVE	AIRFLOW (CFM)	EXTERNAL STATIC PRESSURE (IN. WG)	TOTAL EXTERNAL STATIC PRESSURE (IN. WG)	FAN RPM	MAX CLASS FAN RPM	WHEEL DIAMETER (IN.)	FEI	SOUND DATA						MOTOR DATA										REMARKS / NOTES
														INLET		OUTLET		RADIATED		BHP	HP	ENCLOSURE	VOLTS	PHASE	HZ	RPM	FLA (AMPS)	MCA (AMPS)	MOCP (AMPS)	
														dBA	SONES	dBA	SONES	dBA	SONES											
EF-1	1	Roof	General/Clean Air Exhaust	G-0990-VG	Roof curb-mounted	ECM	720	0.300	0.434	1,310	1,725	11.188	N/A	57	8.6	N/A	N/A	N/A	N/A	0.11	0.25	TENV	115	1	60	1,725	2.85	4.00	15.00	Vari-Green EC motor w/ 0-10 VDC, UL/cUL 705 Listed - "Power Ventilators", NEMA 1 Disconnect Switch, VCD-23 motorized damper w/ end switch
EF-2	1	Roof	General/Clean Air Exhaust	G-0990-VG	Roof curb-mounted	ECM	800	0.300	0.434	1,310	1,725	11.188	N/A	57	8.6	N/A	N/A	N/A	N/A	0.11	0.25	TENV	115	1	60	1,725	2.85	4.00	15.00	Vari-Green EC motor w/ 0-10 VDC, UL/cUL 705 Listed - "Power Ventilators", NEMA 1 Disconnect Switch, VCD-23 motorized damper w/ end switch

1

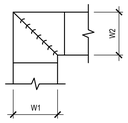
NOTES:

1) FANS SELECTED SPECIFICALLY BASED ON SOUND AND UPWARD MOBILITY OF 25% IN CLASS, FAN RPM, AND MOTOR HP (WHERE POSSIBLE).
2) ALL FANS SHALL BE UL/cUL-705 LISTED "POWER VENTILATORS."
3) ALL MOTORS 1 HP AND LARGER SHALL BE NEMA PREMIUM EFFICIENCY - MEETS NEMA TABLE 12-12.
4) ALL SINGLE PHASE MOTORS TO INCLUDE THERMAL OVERLOAD.
5) MOTOR VOLTAGE SHALL BE COORDINATED BY CONTRACTOR PRIOR TO RELEASE.
6) MOTORS SHALL BE PROVIDED WITH DISCONNECT SWITCHES AND APPROPRIATE ENCLOSURE BASED ON LOCATION AND APPLICATION. SEE FAN SCHEDULE REFERENCE SHEET FOR OPTIONS.
7) ORIENTATION INCLUDING ARRANGEMENT, ROTATION AND/OR DISCHARGE SHALL BE COORDINATED BY CONTRACTOR PRIOR TO RELEASE. SEE FAN SCHEDULE REFERENCE SHEET FOR OPTIONS.
8) ALL ROOFTOP FANS OVER 300 CFM SHALL BE PROVIDED WITH CLASS I LEAKAGE MOTORIZED DAMPERS & END SWITCH AS PER 2020 NYC ENERGY CONSERVATION CODE. ALL ROOFTOP FANS 300 CFM & LESS SHALL BE PROVIDED WITH GRAVITY (NON-MOTORIZED) DAMPERS. SEE FAN SCHEDULE REFERENCE SHEET IF YOUR APPLICATION APPLIES.
9) ALL VARI-GREEN (VG) FANS SHALL INCLUDE AN 85% EFFICIENT (AT ALL SPEEDS) ELECTRONIC COMMUTATION (EC), BRUSHLESS DC TYPE, MOTOR SPECIFICALLY DESIGNED FOR FAN APPLICATIONS AND SPEED CONTROLLABLE DOWN TO 20% OF FULL SPEED. SEE FAN SCHEDULE REFERENCE SHEET FOR SPEED CONTROL OPTIONS.
10) FOR FURTHER INFORMATION, PLEASE CONTACT ADE ENGINEERING AT (516) 256-7666.



3 WAY HOT WATER COIL FOR FAN POWERED VAVA BOX DETAIL

SCALE: NOT TO SCALE

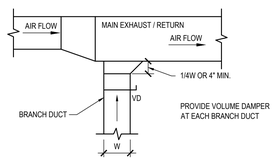


NOTE:

1. ALL VANE ELBOWS SHALL BE CONSTRUCTED AND INSTALLED AS DETAILED.
2. WHEN W1 DOES NOT EQUAL W2, VANE SHALL BE SINGLE THICKNESS VANE TYPE REGARDLESS OF W DIMENSION.
3. ALL SINGLE THICKNESS VANES SHALL HAVE A 2" RADIUS, 1-1/2" MAXIMUM SPACE BETWEEN VANES AND A 3/4" TRAILING EDGE.

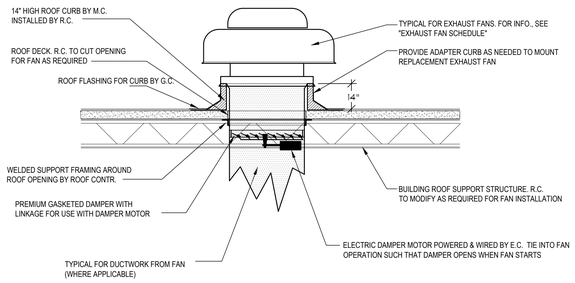
DUCTWORK SQUARE VANE ELBOWS DETAIL

SCALE: NOT TO SCALE



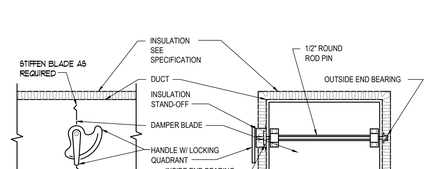
EXHAUST OR RETURN BRANCH DUCTWORK DETAIL

SCALE: NOT TO SCALE



NEW ROOF MTD.EXHAUST FAN USING NEW OR ADAPTER CURB ASSEMBLY DETAIL

SCALE: NOT TO SCALE

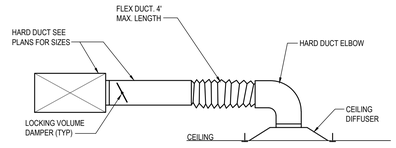


NOTE:

1. DELETE INSULATION STAND-OFF ON DUCTWORK WITHOUT EXTERIOR INSULATION.
2. DETAIL SHOWS SINGLE BLADE DAMPER. DAMPER INSTALLATION SHALL BE SIMILAR FOR MULTI-BLADE DAMPERS & ROUND DAMPERS.

VOLUM DAMPER DETAIL

SCALE: NOT TO SCALE



CEILING DIFFUSER INSTALLATION DETAIL

SCALE: NOT TO SCALE

REV.	DATE	ITEM
01	02/05/26	BID ADD. NO. 05

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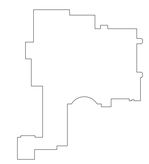

KEY PLAN

NOT TO SCALE

PROJECT

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE

MECHANICAL SCHEDULES AND DETAILS

DRAWING BY: D.S.
CHECK BY: D.S.

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PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

187 WOLF ROAD, STE. 205
ALBANY
NEW YORK 12205
T. 518.621.7650
F. 518.621.7655

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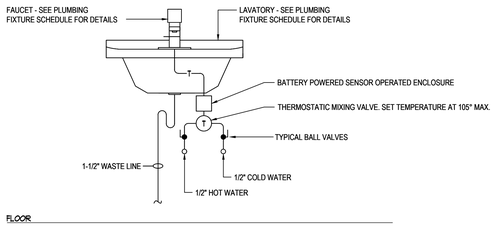
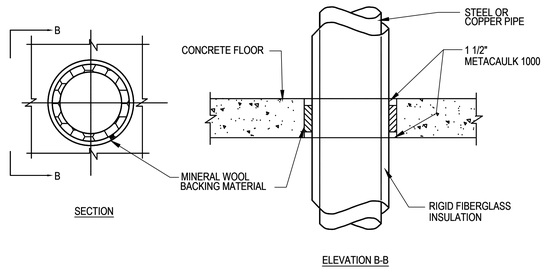
SED No.	66-19-05-02-0-002-022
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	MECHANICAL SCHEDULES AND DETAILS
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142a

M6.01



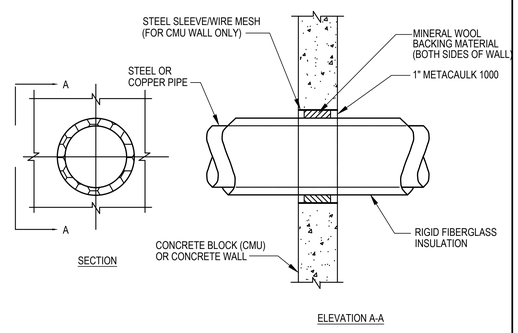
1 LAVATORY PIPING DETAIL

SCALE: N.T.S.



2 PIPING FLOOR PENETRATION

SCALE: N.T.S.



3 PIPING WALL PENETRATION

SCALE: N.T.S.

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 PUMBING 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.

PLUMBING INSULATION NOTES:

PLUMBING CONTRACTOR TO REPLACE ALL PLUMBING INSULATION THAT IS ABATED WHERE PIPING REMAINS.

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	CLEAN OUT 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 CONNECTION
	POINT OF DISCONNECTION
	INTERIOR WALL HYDRANT SEE PLUMBING FIXTURE SCHEDULE
	CHECK VALVE
U.O.N.	UNLESS OTHERWISE NOTED
A.F.G.	ABOVE FINISHED GRADE
B.D.D.	BACK DRAFT DAMPER
U	DOOR UNDERCUT

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.

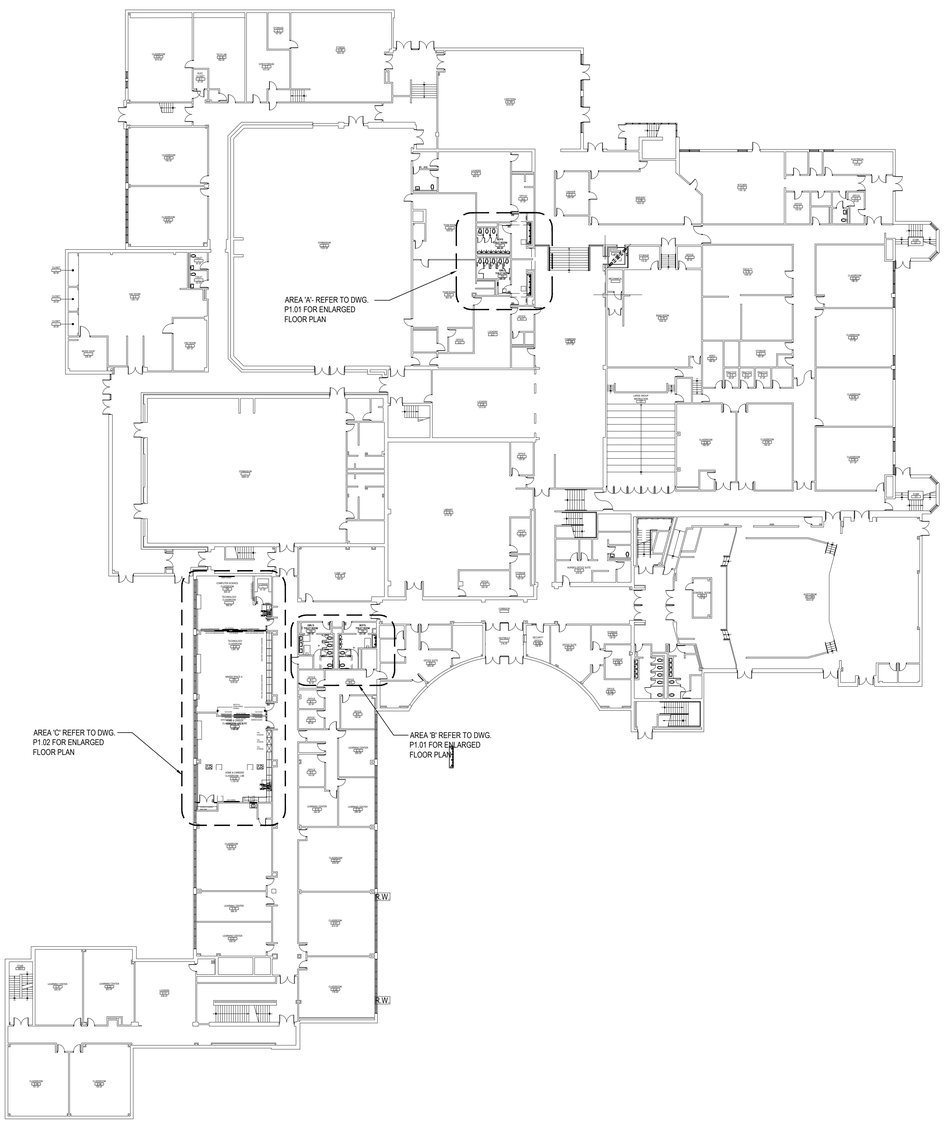
UTILITY NOTES:

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:

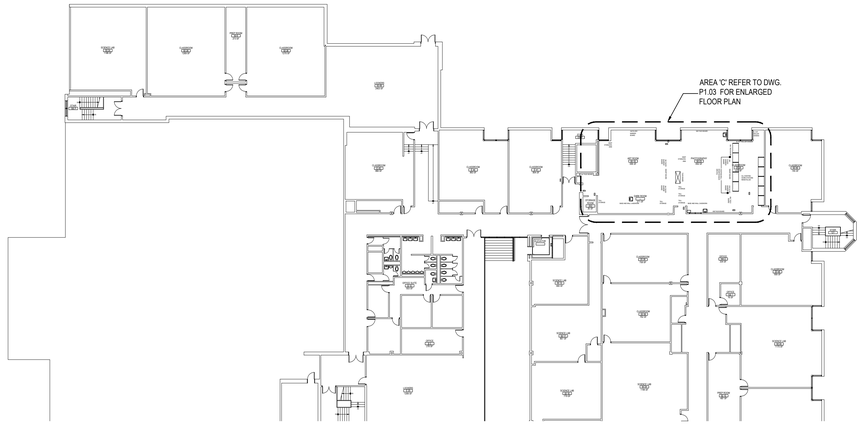
1. THE PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL NEW AND/OR REPLACEMENT PLUMBING FIXTURES. THE RESPECTIVE FIXTURES MUST ADHERE TO THE "LEAD-FREE" DIVISION 15A SPECIFICATIONS OUTLINING THE INSTALLATION MEANS AND METHODS AS WELL AS THE FIXTURE ITSELF BEING "LEAD FREE." THE CONTRACTOR SHALL PROVIDE 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



FIRST FLOOR KEY PLAN

SCALE: NTS



2ND FLOOR KEY PLAN

SCALE: NTS

REV.	DATE	ITEM

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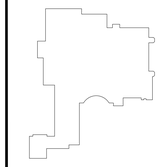

KEY PLAN

NOT TO SCALE

PROJECT

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE

PLUMBING GENERAL NOTES, KEY PLAN AND DETAILS

DRAWING BY: D.S.

CHECK BY: D.S.

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NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

100 GREAT OAKS BLVD.
SUITE 115, ALBANY
NEW YORK 12203
T. 518.621.7650
F. 518.621.7655

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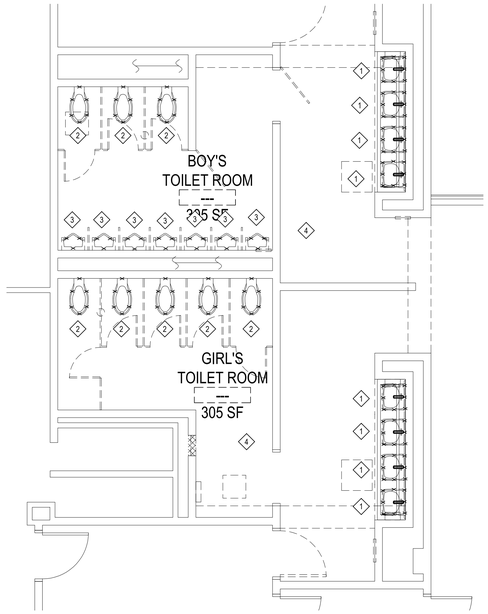
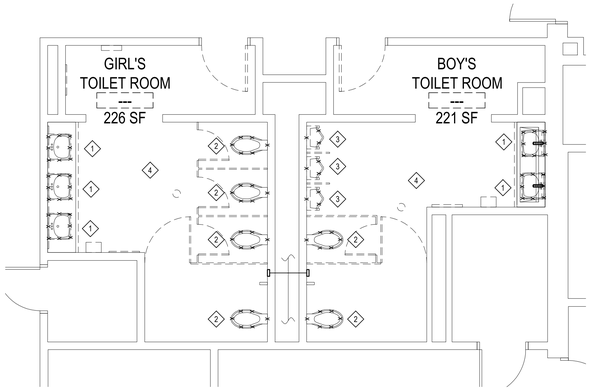
SED No.	66-19-05-02-0-002-022
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	PLUMBING GENERAL NOTES, KEY PLAN AND DETAILS
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142a

P0.01



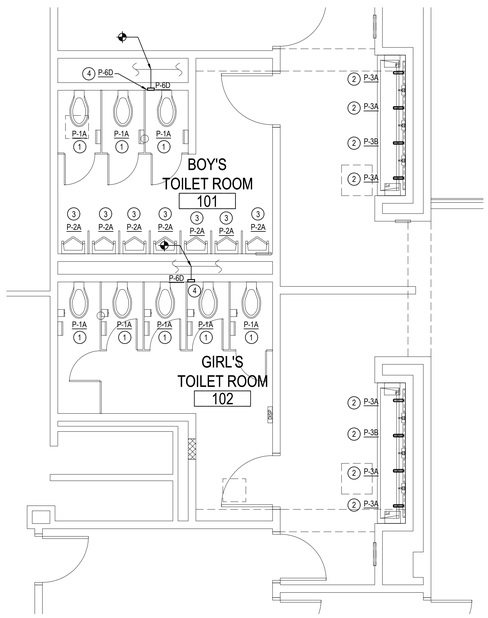
PLUMBING DEMOLITION TOILET #101 & #102 PLAN- AREA 'A'

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



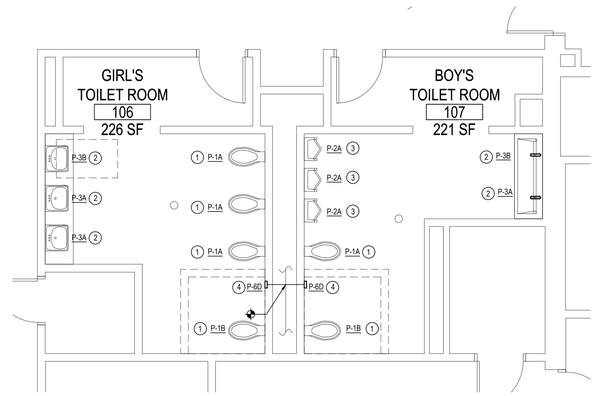
PLUMBING DEMOLITION TOILET #106 & #107 PLAN - AREA 'B'

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



PLUMBING NEW TOILET #101 & #102 PLAN - AREA 'A'

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



PLUMBING NEW TOILET #106 & #107 PLAN - AREA 'B'

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

TOILET ROOM SAN. & VENT, DOMESTIC PIPING DEMOLITION KEY NOTES

1. PC TO DEMOLISH AND REMOVE EXISTING WALL MOUNTED LAVATORY AS SHOWN. PC TO ALSO DISCONNECT EXISTING 1-1/2" SW PIPING AND TRAP AND CUT PIPING BACK INTO WET WALL. PIPING TO BE REUSED FOR NEW LAVATORY INSTALLATION
   PC TO ALSO DISCONNECT EXISTING 1/2" CWS AND HWS PIPING AND CUT PIPING BACK INTO WET WALL. PIPING TO BE REUSED FOR NEW LAVATORY INSTALLATION (SEE PROPOSED WORK DRAWINGS FOR FURTHER INFORMATION).
2. PC TO DEMOLISH AND REMOVE EXISTING WALL MOUNTED WATER CLOSET (ADA AND NON ADA) AS SHOWN. PC TO ALSO DISCONNECT FROM EXISTING EXISTING MAIN SW PIPING IN CHASE. SW PIPING TO BE REUSED FOR NEW WATER CLOSET INSTALLATION (SEE PROPOSED WORK DRAWINGS FOR FURTHER INFORMATION).
   PC TO ALSO DISCONNECT EXISTING 1-1/4" CWS PIPING AND FLUSHOMETER AND CUT PIPING BACK INTO WET WALL. PIPING TO BE REUSED FOR NEW WATER CLOSET INSTALLATION (SEE PROPOSED WORK DRAWINGS FOR FURTHER INFORMATION).
3. PC TO DEMOLISH AND REMOVE EXISTING WALL MOUNTED URINAL AS SHOWN. PC TO ALSO DISCONNECT EXISTING 1-1/2" SW PIPING FROM EXISTING MAIN SW IN WET WALL .SW PIPING TO BE REUSED FOR NEW URINAL INSTALLATION (SEE PROPOSED WORK DRAWINGS FOR FURTHER INFORMATION).
   PC TO ALSO DISCONNECT EXISTING 3/4" CWS PIPING AND FLUSHOMETER AND CUT PIPING BACK INTO THE WALL . . PIPING TO BE REUSED FOR NEW WALL MOUNTED URINAL INSTALLATION
4. PC TO DEMOLISH AND REMOVE EXISTING FLOOR DRAIN COVER AND REPLACE WITH NEW TO MATCH EXISTING

TOILET ROOM SAN. & VENT, DOMESTIC PIPING NEW KEY NOTES

1. PC TO FURNISH AND INSTALL NEW WALL MOUNTED WATER CLOSET (___) AS SHOWN. PC TO RE-CONNECT TO EXISTING 4" SW PIPING IN WALL (SEE DRAWING P0.01 FOR PLUMBING SCHEDULE AND ADDITIONAL INFORMATION ON FIXTURES).
   PC TO RECONNECT NEW FIXTURE TO EXISTING 1" CWS
2. PC TO FURNISH AND INSTALL NEW WALL MOUNTED LAVATORY (___) AS SHOWN. PC TO THEN INSTALL NEW 1-1/2" SW DRAIN AND RE-CONNECT TO EXISTING 4" SW PIPING IN WALL. (SEE DRAWING P0.01 FOR PLUMBING SCHEDULE AND ADDITIONAL INFORMATION ON FIXTURES SUCH AS MOUNTING HEIGHTS).
   PC TO RE CONNECT 1" CWS AND HWS FROM EXISTING 2" CWS AND 1" HWS PIPING IN WALL TO THE NEW LAVATORY
3. PC TO FURNISH AND INSTALL NEW WALL MOUNTED URINAL(___) AS SHOWN. PC TO RE-CONNECT TO EXISTING 4" SW PIPING IN WALL. (SEE DRAWING P0.01 FOR PLUMBING SCHEDULE AND ADDITIONAL INFORMATION ON FIXTURES).
   PC TO RECONNECT NEW FIXTURE TO EXISTING 3/4" CWS
4. PC TO FURNISH AND INSTALL NEW WALL HYDRANT (___) AS SHOWN. PC TO THEN TAP OFF NEW 3/4" CWS FROM EXISTING CWS PIPING IN WALL AND CONNECT TO FIXTURE (SEE DRAWING P0.01 FOR PLUMBING SCHEDULE AND ADDITIONAL INFORMATION ON FIXTURES).PC TO VIF BEFORE

PLUMBING FIXTURE SCHEDULE

PLUMBING FIXTURE TYPES

FIXTURE TYPE	TAG NO.	FIXTURE	TRAP SIZE	VENT SIZE	COLD WATER	HOT WATER	TEMPERED WATER	DESCRIPTION
WATER CLOSET	P-1A	WALL MOUNTED WATER CLOSET	4"	2"	1-½"	--	--	ZURN SYSTEM Z.WC1.M TO INCLUDE: ZURN MODEL# Z5615-BWL ECOVANTAGE HIGH-EFFICIENCY TOILET SYSTEM VITREOUS CHINA, 1.1 GPF OR GREATER HIGH-EFFICIENCY WALL HUNG TOILET WITH SIPHON JET FLUSHING ACTION, ZURN SHIELD CERAMIC GLAZE AND ELONGATED FRONT RIM WITH 1-1/2" TOP SPUD. ZURN MODEL# Z6000AV-ONE EXPOSED, QUIET DIAPHRAGM-TYPE, CHROME-PLATED FLUSHOMETER VALVE WITH A POLISHED EXTERIOR. COMPLETE WITH ZURN'S AQUAVANTAGE CHLORAMINE-RESISTANT, DUAL SEAL DIAPHRAGM WITH CLOG RESISTANT , TRIPLE FILTERED BYPASS . THE VALVE IS ADA COMPLIANT WITH A NON-HOLD OPEN AND NO LEAK HANDLE FEATURE. INTERNAL SEALS ARE MADE OF CHLORAMINE RESISTANT MATERIALS. WITH A FLUSH VOLUME OF 1.1 GPF. ZURN MODEL# Z5956SS-EL, 1" HIGH, IS AN ELONGATED, HEAVY DUTY, PREMIUM WHITE, OPEN FRONT TOILET SEAT WITH LESS COVER AND STAINLESS STEEL CHECK HINGE. PROVIDE A WALL CARRIER FOR TOILET SYSTEM. MODEL Z1201 OR Z1202 EZCARRY. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.
WATER CLOSET	P-1B	ADA ACCESSIBLE WALL MOUNTED WATER CLOSET	4"	2"	1-½"	--	--	ZURN SYSTEM Z.WC1.M TO INCLUDE: ZURN MODEL# Z5615-BWL ECOVANTAGE HIGH-EFFICIENCY TOILET SYSTEM VITREOUS CHINA, 1.1 GPF OR GREATER HIGH-EFFICIENCY WALL HUNG TOILET WITH SIPHON JET FLUSHING ACTION, ZURN SHIELD CERAMIC GLAZE AND ELONGATED FRONT RIM WITH 1-1/2" TOP SPUD. ZURN MODEL# Z6000AV-ONE EXPOSED, QUIET DIAPHRAGM-TYPE, CHROME-PLATED FLUSHOMETER VALVE WITH A POLISHED EXTERIOR. COMPLETE WITH ZURN'S AQUAVANTAGE CHLORAMINE-RESISTANT, DUAL SEAL DIAPHRAGM WITH CLOG RESISTANT , TRIPLE FILTERED BYPASS . THE VALVE IS ADA COMPLIANT WITH A NON-HOLD OPEN AND NO LEAK HANDLE FEATURE. INTERNAL SEALS ARE MADE OF CHLORAMINE RESISTANT MATERIALS. WITH A FLUSH VOLUME OF 1.1 GPF. ZURN MODEL# Z5956SS-EL, 1" HIGH, IS AN ELONGATED, HEAVY DUTY, PREMIUM WHITE, OPEN FRONT TOILET SEAT WITH LESS COVER AND STAINLESS STEEL CHECK HINGE. PROVIDE A WALL CARRIER FOR TOILET SYSTEM. MODEL Z1201 OR Z1202 EZCARRY. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.
URINAL	P-2A	URINAL	2"	1-½"	1"	--	--	ZURN SYSTEM Z.UR1.M TO INCLUDE: ZURN MODEL# Z5756-U ECOVANTAGE URINAL SYSTEM VITREOUS CHINA, 0.125 GPF OR GREATER, WITH INTEGRAL TRAP AND WASHDOWN URINAL. COMPLETE WITH 3/4" TOP SPUD CONNECTION, 2" OUTLET CONNECTION, AND VANDAL RESISTANT OUTLET STRAINER. ZURN MODEL# ZTR6203-ULF-L1, 0.125 GPF SENSOR OPERATED URINAL FLUSH VALVE, EXPOSED CHROME PLATED FLUSHOMETER VALVE WITH A POLISHED METAL CAP EXTERIOR WITH CHLORAMINE RESISTANT FILTERED PISTON KIT. ACTUATOR SENSOR POWERED BY 4 "AA" LONG LIFE BATTERIES WITH A 10 YEAR BATTERY LIFE. MECHANICAL MANUAL OVERRIDE BUTTON. CONTROL STOP WITH INTERNAL SIPHON-GUARD PROTECTION, VANDAL RESISTANT STOP CAP, SWEAT SOLDER KIT, CAST WALL FLANGE WITH SET SCREW. VACUUM BREAKER WITH HIGH BACK PRESSURE AND ONE PIECE HEX COUPLING NUT. CHLORAMINE RESISTANT INTERNAL SEALS. ADJUSTABLE TAILPIECE. SPUD COUPLING AND FLANGE FOR TOP SPUD CONNECTION. PROVIDE A WALL CARRIER FOR URINAL SYSTEM. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.
URINAL	P-2B	ADA ACCESSIBLE URINAL	2"	1-½"	1"	--	--	ZURN MODEL# Z5755-U ECOVANTAGE URINAL SYSTEM VITREOUS CHINA, 0.125 GPF OR GREATER, WITH INTEGRAL TRAP AND WASHDOWN URINAL. COMPLETE WITH 3/4" TOP SPUD CONNECTION, 2" OUTLET CONNECTION, AND VANDAL RESISTANT OUTLET STRAINER. ZURN MODEL# ZTR6203-ULF-L1, 0.125 GPF SENSOR OPERATED URINAL FLUSH VALVE, EXPOSED CHROME PLATED FLUSHOMETER VALVE WITH A POLISHED METAL CAP EXTERIOR WITH CHLORAMINE RESISTANT FILTERED PISTON KIT. ACTUATOR SENSOR POWERED BY 4 "AA" LONG LIFE BATTERIES WITH A 10 YEAR BATTERY LIFE. MECHANICAL MANUAL OVERRIDE BUTTON. CONTROL STOP WITH INTERNAL SIPHON-GUARD PROTECTION, VANDAL RESISTANT STOP CAP, SWEAT SOLDER KIT, CAST WALL FLANGE WITH SET SCREW. VACUUM BREAKER WITH HIGH BACK PRESSURE AND ONE PIECE HEX COUPLING NUT. CHLORAMINE RESISTANT INTERNAL SEALS. ADJUSTABLE TAILPIECE. SPUD COUPLING AND FLANGE FOR TOP SPUD CONNECTION. PROVIDE A WALL CARRIER FOR URINAL SYSTEM. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.
LAVATORY	P-3A	TOILET ROOM LAVATORY	1-½"	1-½"	½"	½"	½"	ZURN MODEL# Z5341 WALL-MOUNTED CONCEALED CARRIER ARM LAVATORY – SINGLE HOLE 20" X 18" VITREOUS CHINA WALL-MOUNTED LAVATORY WITH SINGLE FAUCET HOLE. PROVIDED WITH HANGER PLATE AND HOLES FOR CONCEALED ARM CARRIER SYSTEMS, FRONT OVERFLOW. ZURN MODEL# Z6950-XL-S-F ZURN HYDRO-X POWER SENSOR FAUCETS. CHROME-PLATED CAST BRASS SENSOR FAUCET WITH INFRARED PROXIMITY SENSOR. A STANDARD 0.5 GPM FLOW CONTROL AND MOUNTING HARDWARE. ZURN MODEL# P6900-TMV-1-XL THERMOSTATIC LEAD FREE VALVE MEETS ASSE 1070. ZURN MODEL# Z8746-PC, CHROME PLATED CAST BRASS OPEN GRID DRAIN STRAINER, AND CHROME PLATED CAST BRASS ELBOW. FURNISHED WITH 1-1/4 17 GAUGE, CHROME PLATED TUBULAR BRASS OFFSET TAILPIECE FOR SINK DEPTH TO 2-1/2. ZURN MODEL# Z8700-PC TO Z8708-PC, CHROME-PLATED CAST BRASS (COPPER ALLOY) BODY P-TRAP WITH CLEANOUT, TUBULAR BRASS WALL BEND AS SPECIFIED, DIE-CAST NUTS, AND SHALLOW ESCUTCHEON WITH COMPRESSION INLET. MODEL# ZURN Z8800-XL-LR-PC TO Z8809-XL-LR/LK-PC TWO ZURN CHROME PLATED, SOLID BRASS ANGLE STOPS WITH ROUND WHEEL HANDLES OR LOOSE KEY AS SPECIFIED, TWO 12"[305MM] FLEXIBLE CHROME PLATED COPPER LAVATORY RISERS COMPLETE WITH TWO CHROME PLATED STEEL FLANGES. ZURN MODEL# Z8808-XL-LR-PC TO Z8809-XL-LR/LK-PC INCLUDE 5"[127MM] CHROME PLATED COPPER EXTENSION TUBES AND DEEP BELL STEEL FLANGES. ZURN MODEL# Z1231 LAVATORY SUPPORT SYSTEM WITH CONCEALED ARMS. COMPLETE WITH DURA-COATED RECTANGULAR STEEL UPRIGHTS WITH WELDED FEET, CAST IRON ADJUSTABLE HEADERS, CONCEALED ARMS, STEEL SLEEVES, ALIGNMENT TRUSS, AND MOUNTING FASTENERS. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.
LAVATORY	P-3B	ADA ACCESSIBLE TOILET ROOM LAVATORY	1-½"	1-½"	½"	½"	½"	ZURN MODEL# Z5341 WALL-MOUNTED CONCEALED CARRIER ARM LAVATORY – SINGLE HOLE 20" X 18" VITREOUS CHINA WALL-MOUNTED LAVATORY WITH SINGLE FAUCET HOLE. PROVIDED WITH HANGER PLATE AND HOLES FOR CONCEALED ARM CARRIER SYSTEMS, FRONT OVERFLOW. ZURN MODEL# Z6950-XL-S-F ZURN HYDRO-X POWER SENSOR FAUCETS. CHROME-PLATED CAST BRASS SENSOR FAUCET WITH INFRARED PROXIMITY SENSOR. A STANDARD 0.5 GPM FLOW CONTROL AND MOUNTING HARDWARE. ZURN MODEL# P6900-TMV-1-XL THERMOSTATIC LEAD FREE VALVE MEETS ASSE 1070. ZURN MODEL# Z8746-PC, CHROME PLATED CAST BRASS OPEN GRID DRAIN STRAINER, AND CHROME PLATED CAST BRASS ELBOW. FURNISHED WITH 1-1/4 17 GAUGE CHROME PLATED TUBULAR BRASS OFFSET TAILPIECE FOR SINK DEPTH TO 2-1/2. ZURN MODEL# Z8700-PC TO Z8708-PC, CHROME-PLATED CAST BRASS (COPPER ALLOY) BODY P-TRAP WITH CLEANOUT, TUBULAR BRASS WALL BEND AS SPECIFIED, DIE-CAST NUTS, AND SHALLOW ESCUTCHEON WITH COMPRESSION INLET. ZURN MODEL# Z8800-XL-LR-PC TO Z8809-XL-LR/LK-PC TWO ZURN CHROME PLATED, SOLID BRASS ANGLE STOPS WITH ROUND WHEEL HANDLES OR LOOSE KEY AS SPECIFIED, TWO 12" FLEXIBLE CHROME PLATED COPPER LAVATORY RISERS COMPLETE WITH TWO CHROME PLATED STEEL FLANGES. ZURN MODEL# Z8808-XL-LR-PC TO Z8809-XL-LR/LK-PC INCLUDE 5"[127MM] CHROME PLATED COPPER EXTENSION TUBES AND DEEP BELL STEEL FLANGES. TRUEBRO MODEL# 2018-AS-L LAV SHIELD ENCLOSURE. ZURN MODEL# Z1231 LAVATORY SUPPORT SYSTEM WITH CONCEALED ARMS. COMPLETE WITH DURA-COATED RECTANGULAR STEEL UPRIGHTS WITH WELDED FEET, CAST IRON ADJUSTABLE HEADERS, CONCEALED ARMS, STEEL SLEEVES, ALIGNMENT TRUSS, AND MOUNTING FASTENERS. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.
WALL HYDRANT	P-6D	WALL HYDRANT (INTERIOR)	--	--	¾"	--	--	ZURN MODEL# Z1330XL ENCASED, ECOLOTROLTM, LEAD-FREE, ANTI-SIPHON, MODERATE CLIMATE / INTERIOR WALL HYDRANT FOR FLUSH INSTALLATION. HYDRANT FEATURES INTEGRAL BACKFLOW PREVENTER WITH ANTI-SIPHON TECHNOLOGY, ALL-BRONZE INTERIOR COMPONENTS WITH 1/2 TURN LONG-LIFE CERAMIC DISC CARTRIDGE. COMBINATION 3/4" FEMALE SOLDER AND 3/4" MALE PIPE THREAD INLET CONNECTION, AND 3/4" MALE HOSE CONNECTION. HYDRANT FURNISHED WITH TYPE 304 STAINLESS STEEL FLANGED HOUSING WITH LOCKING HINGED COVER STAMPED "WATER" AND INCLUDES OPERATING KEY.
SINK	P-4E	ADA ACCESSIBLE DROP-IN SINK	1-½"	1-½"	½"	½"	--	SINK BY CASEWORK CONTRACTOR. FOR MORE INFORMATION SEE ARCHITECTURAL DWGS.

REV.	DATE	ITEM

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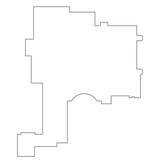

KEY PLAN

NOT TO SCALE

PROJECT

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE

PLUMBING DEMOLITION AND NEW TOILETS PLANS AND SCHEDULE

DRAWING BY: D.S.

CHECK BY: D.S.

NOTICE

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LANDSCAPE ARCHITECTS
ENGINEERS

244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

100 GREAT OAKS BLVD.
SUITE 115, ALBANY
NEW YORK 12203
T. 518.621.7650
F. 518.621.7655

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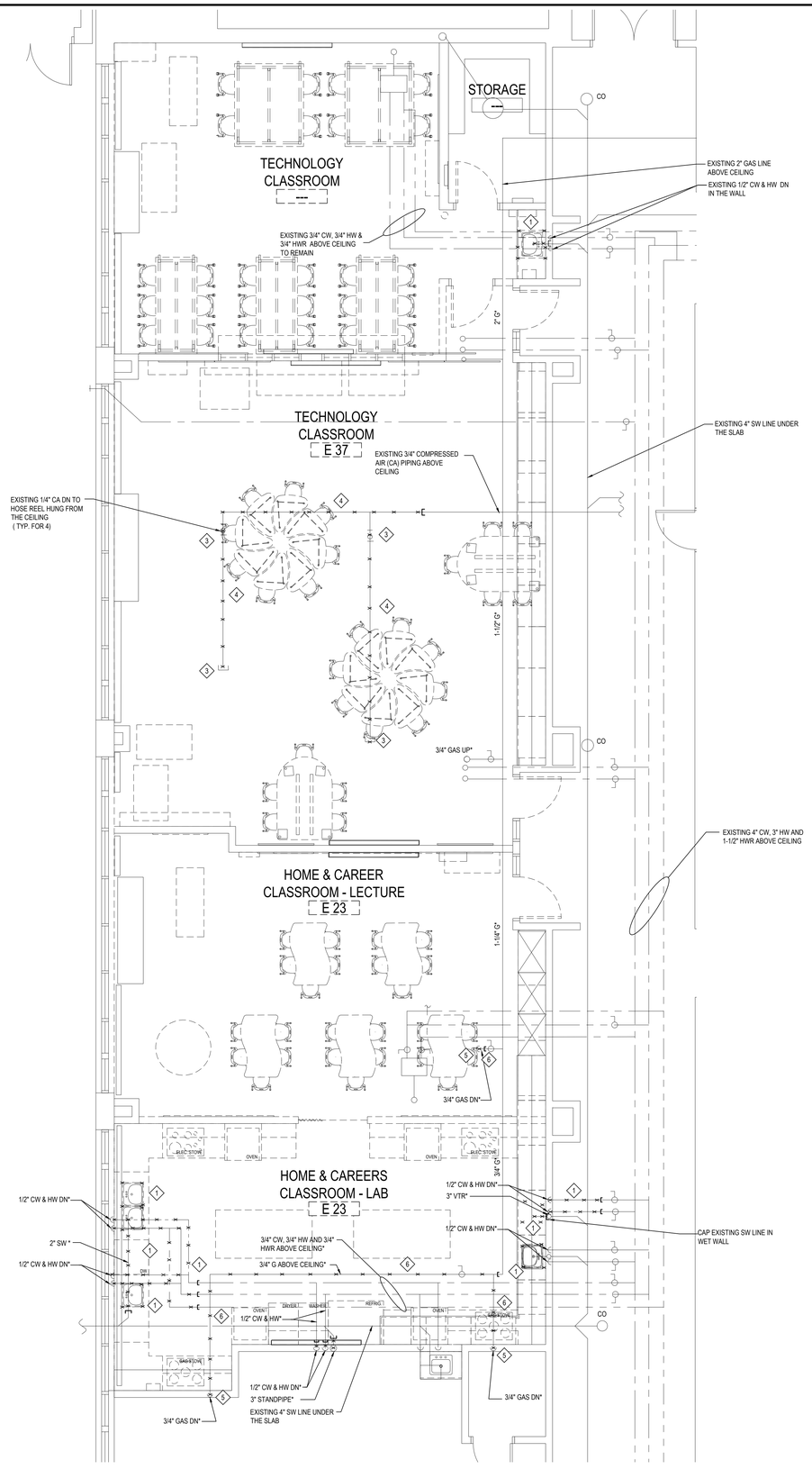
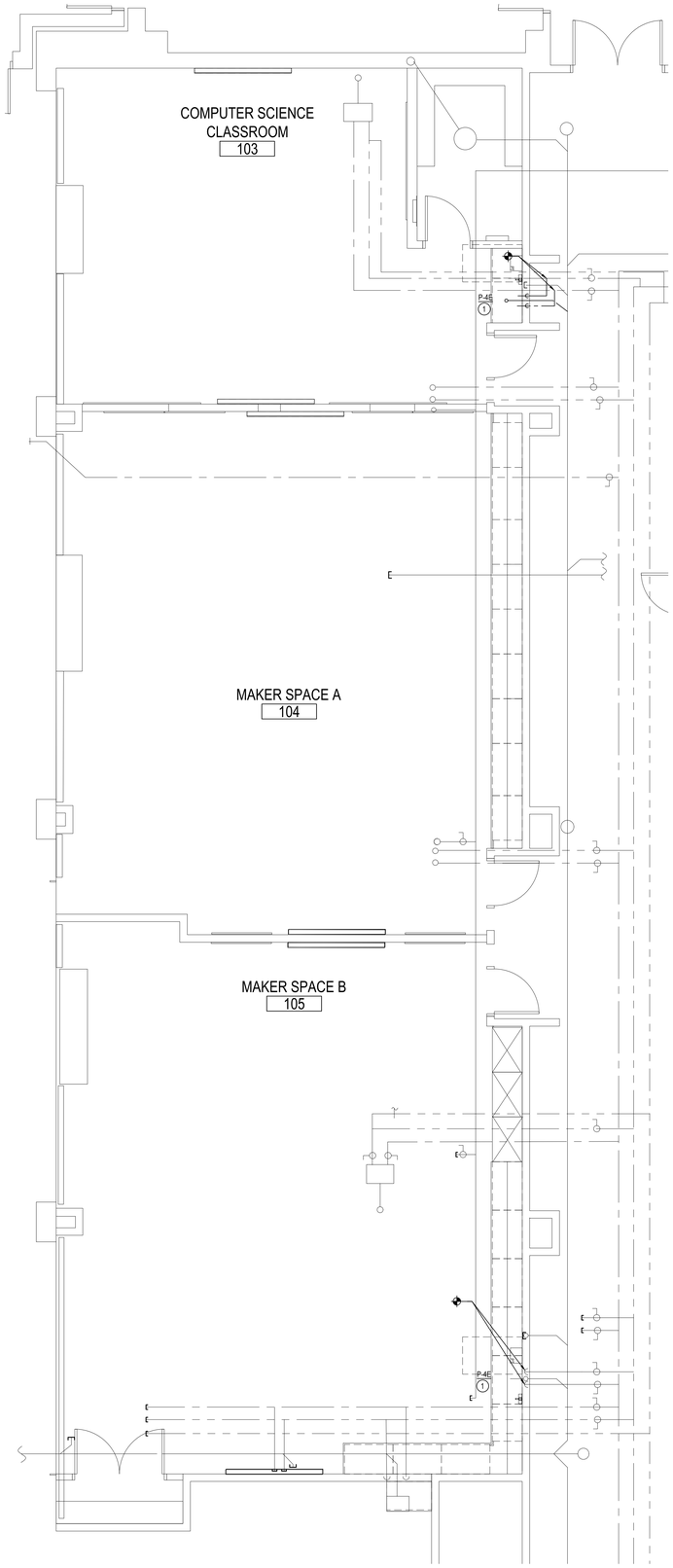
SED No.	66-19-05-02-0-002-022
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	PLUMBING DEMO. AND NEW TOILETS PLANS AND SCHEDULE
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142a

P1.01



PLUMBING DEMOLITION FIRST FLOOR PLAN- AREA 'C'

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



PLUMBING NEW FIRST FLOOR PLAN- AREA "C"

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

DOMESTIC, SANITARY & VENT, GAS , COMPRESSED AIR PIPING DEMOLITION KEY NOTES

1. PC TO DEMOLISH AND REMOVE EXISTING SINK AS SHOWN. PC TO DISCONNECT EXISTING 1/2" CW & HW PIPING AND CUT PIPING BACK TO THE MAINS ABOVE CEILING AS INDICATED IN THE DRAWING
   PC TO ALSO DISCONNECT FIXTURE FROM EXISTING 2" SW PIPING UNDER THE SLAB (OR TUNNEL). PC TO DEMOLISH AND REMOVE EXISTING 2" SW PIPING IN FLOOR AND CAP OFF CLOSE TO MAIN. PC TO V.I.F. EXACT SW MAIN LOCATION UNDER SLAB . GC TO PATCH FLOOR, COORDINATE WORK WITH PC
2. NA
3. PC TO DEMOLISH AND REMOVE EXISTING 1/4" CA DN TO HOSE REEL, INCLUDING THE HOSE REEL.
4. PC TO DEMOLISH , REMOVE AND CAP EXISTING 3/4" CA ABOVE CEILING AS INDICATED ON THE DRAWING
5. PC TO DISCONNECT PIPING FROM KITCHEN EQUIPMENT OR CLASSROOM TABLE , DEMOLISH AND REMOVE AS INDICATED
6. PC TO DEMOLISH , REMOVE AND CAP EXISTING GAS PIPING ABOVE CEILING AS INDICATED ON THE DRAWING

SAN. & VENT, DOMESTIC PIPING NEW KEY NOTES

1. PC TO TAP OF NEW 1/2 " CWS&HWS FROM THE EXISTING MAINS ABOVE CEILING AND DROP DN IN THE WALL AND CONNECT TO NEW DROP IN SINK , INSTALLED BY THE CASEWORK CONTRACTOR . PC TO CONNECT NEW 2" SW FROM NEW SINK TO EXISTING SW MAIN UNDER SLAB AND BRING 1-1/2" VENT LINE TO THE CLOSEST EXISTING RISER . V.I.F. EXACT PIPE LOCATION

REV.	DATE	ITEM

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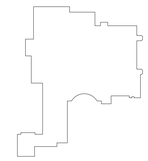

KEY PLAN

NOT TO SCALE

PROJECT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE: PLUMBING DEMOLITION AND NEW 1ST FLOOR PART PLAN

DRAWING BY: D.S.
CHECK BY: D.S.

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PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

100 GREAT OAKS BLVD.
SUITE 115, ALBANY
NEW YORK 12203
T. 518.621.7650
F. 518.621.7655

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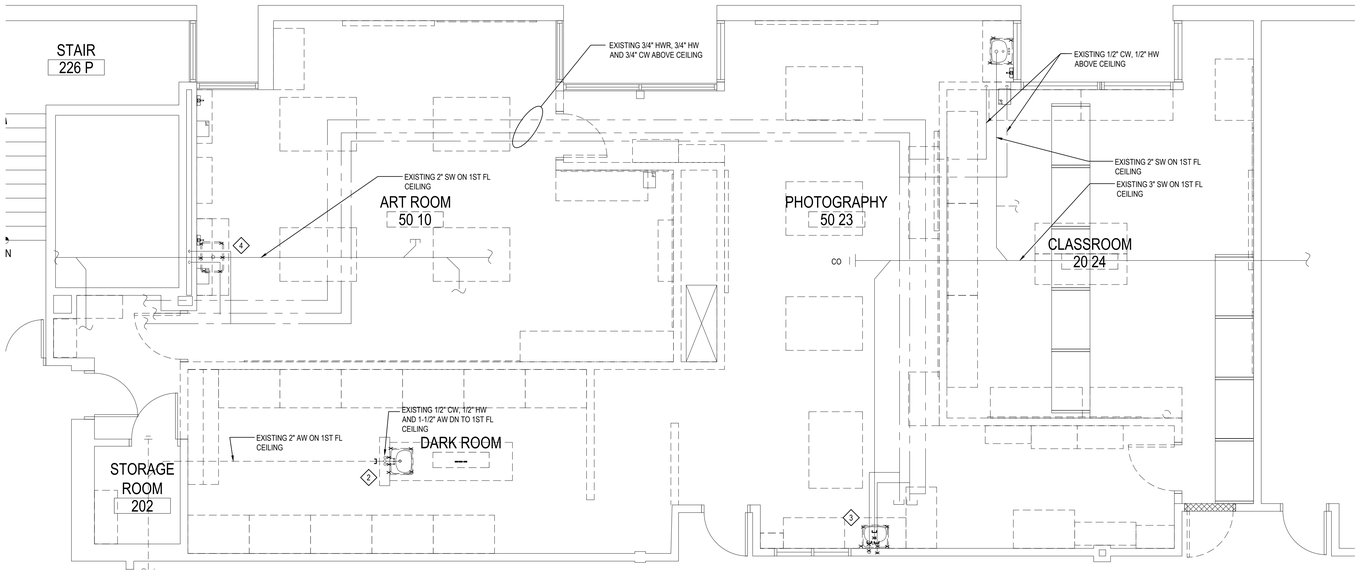
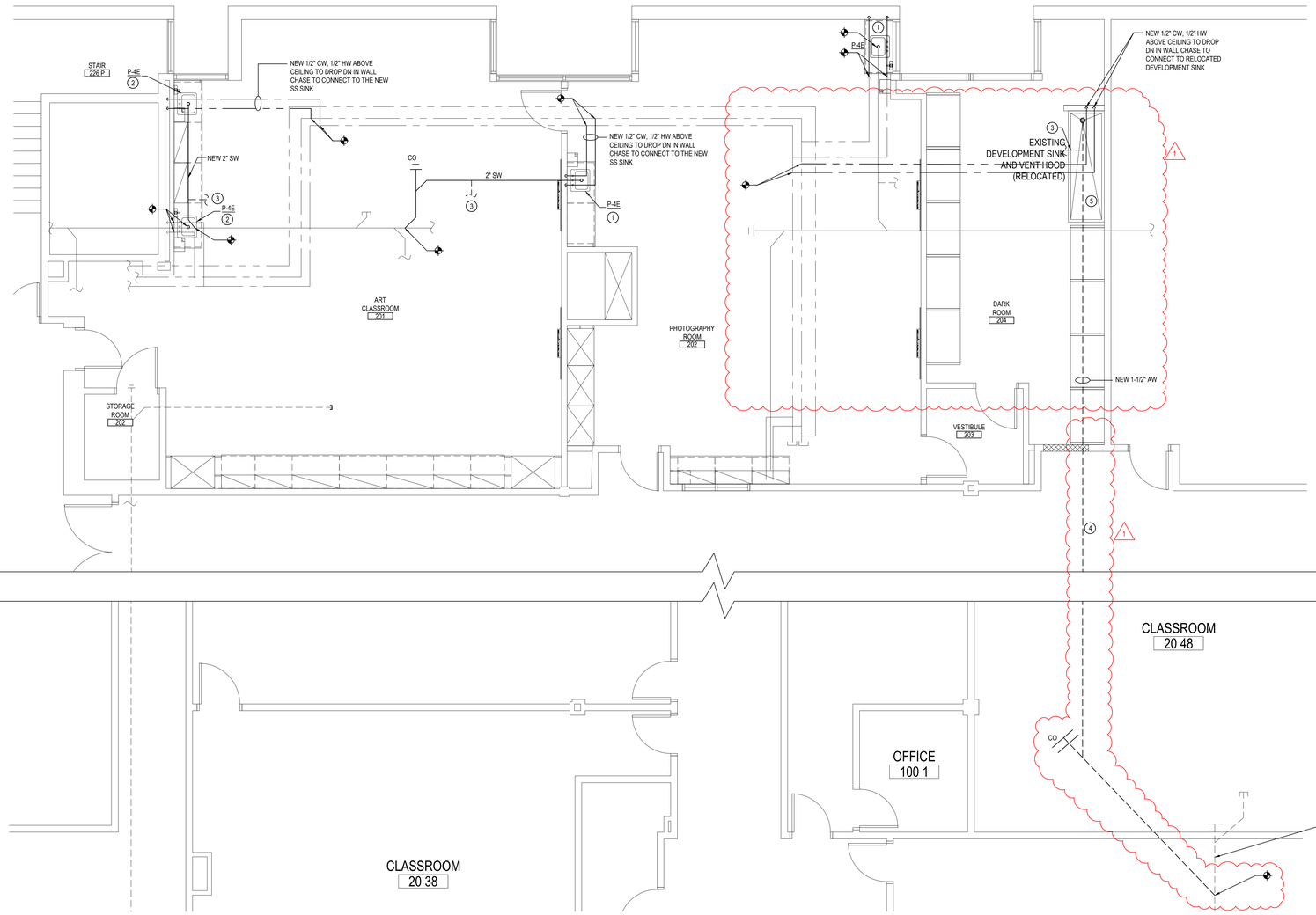
SED No.	66-19-05-02-0-002-022
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	PLUMBING DEMOLITION AND NEW 1ST FL. PART PLAN
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142a

P1.02



PLUMBING DEMOLITION 2ND FLOOR PART PLAN- AREA 'D'

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



PLUMBING NEW 2ND FLOOR PART PLAN- AREA 'D'

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

DOMESTIC, SANITARY & VENT, GAS , COMPRESSED AIR PIPING DEMOLITION KEY NOTES

1. PC TO DISCONNECT , DEMOLISH AND REMOVE EXISTING SINK AS SHOWN. PC TO DISCONNECT EXISTING 1/2" CW & HW PIPING AND CUT PIPING BACK TO THE MAINS ABOVE 2ND FL. CEILING AS INDICATED IN THE DRAWING.
   PC TO ALSO DISCONNECT FIXTURE FROM EXISTING 2" SW PIPING AND REUSE IT FOR NEW SINK INSTALLATION. PC TO V.I.F. EXACT SW MAIN LOCATION.
2. PC TO DISCONNECT 1/2" CW, 1/2" HW AND 1-1/2" AW AND GC TO REMOVE EXISTING WALK AROUND TABLE SINK . PC TO CAP ALL PIPING BACK TO MAINS ON 1ST FLOOR CEILING AND GC TO PATCH FLOOR TO MATCH EXISTING.
   PC TO REMOVE PORTION OF CEILING ON 1ST FLOOR TO BE ABLE TO CAP THE PIPING AND GC TO REPAIR CEILING AFTER WORK IS DONE. PC TO COORDINATE WORK WORK WITH GC.
3. PC TO DISCONNECT , DEMOLISH AND REMOVE EXISTING SINK AS SHOWN. PC TO DISCONNECT EXISTING 1/2" CW & HW PIPING AND CUT PIPING BACK TO THE MAINS ABOVE 2ND FL. CEILING AS INDICATED IN THE DRAWING.
   PC TO REMOVE PORTION OF CEILING ON 1ST FLOOR TO BE ABLE TO CAP THE EXISTING 2" SW PIPING AND GC TO REPAIR CEILING AFTER WORK IS DONE. GC TO PATCH FLOOR TO MATCH EXISTING. PC TO COORDINATE WORK WITH PC
4. PC TO DISCONNECT , DEMOLISH AND REMOVE EXISTING SINK AS SHOWN. PC TO DISCONNECT EXISTING 1/2" CW & HW PIPING AND REUSE THEM FOR NEW SINK INSTALLATION.
   PC TO ALSO DISCONNECT FIXTURE FROM EXISTING 2" SW PIPING AND REUSE IT FOR NEW SINK INSTALLATION. PC TO V.I.F. EXACT SW MAIN LOCATION.

SAN. & VENT, DOMESTIC PIPING NEW KEY NOTES

1. PC TO EXTEND EXISTING 1/2 " CWS&HWS ABOVE CEILING AND DROP DN IN WALL AS SHOWN AND CONNECT TO NEW DROP IN SINK , INSTALLED BY THE CASEWORK CONTRACTOR . PC TO CONNECT NEW 2" SW FROM NEW SINK TO EXISTING SW PIPE UNDER THE FLOOR, IN 1ST FLOOR CEILING. VIF EXACT PIPING LOCATION
2. PC TO CONNECT NEW SINK TO EXISTING 1/2 " CWS&HWS AND 2" SW LINE .
3. PC TO CONNECT NEW 1-1/2" VENT LINE TO EXISTING VENT MAIN/RISER ON 1ST FLOOR CEILING. VIF EXACT PIPE LOCATION
4. PC TO RUN NEW 1-1/2" AW LINE UNDER FLOOR, IN 1ST FL CEILING TO CONNECT TO RELOCATED DEVELOPMENT SINK.
5. RELOCATED DEVELOPMENT SINK AND VENTILATION HOOD

REV.	DATE	ITEM
01	02/05/26	BID ADD. NO. 05

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KEY PLAN

NOT TO SCALE

PROJECT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE: PLUMBING DEMOLITION AND NEW 2ND FLOOR PART PLAN

DRAWING BY: D.S.
CHECK BY: D.S.

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P1.03

ELECTRICAL CONSTRUCTION NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE N.E.C., APPLICABLE LOCAL CODES, STATE CODES, OWNER'S WORKING RULES AND SCHEDULE DIRECTIVES, AND THE ENGINEER'S SPECIFICATIONS.
2. THE VOLTAGE CHARACTERISTIC OF THIS SCHOOL IS 277/480VAC, 4 WIRE, 3PH, GROUNDED NEUTRAL, WYE. 120/208VAC, 4 WIRE, 3PH WILL BE PROVIDED BY STEP-DOWN TRANSFORMERS. ALL EQUIPMENT SHALL BE COMPATIBLE WITH THESE CHARACTERISTICS. VERIFY AND MAINTAIN ALL PHASE ROTATIONS THROUGHOUT THE PROJECT.
3. THE DRAWINGS SCHEMATICALLY SHOW THE APPROXIMATE LOCATION OF ALL EQUIPMENT, CONDUITS, DEVICES, ETC. THE EXACT LOCATION OF WHICH SHALL BE SUBJECT TO APPROVAL BY THE ARCHITECT AND / OR OWNER WHO RESERVES THE RIGHT TO MAKE 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.
4. CONTRACTOR SHALL EXAMINE THE SITE TO VERIFY WORK TO BE PERFORMED AS SHOWN ON DRAWINGS AND SPECIFICATIONS BEFORE SUBMITTING HIS BID. ANY DISCREPANCY BETWEEN DRAWINGS AND SPECIFICATIONS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO ARCHITECT / ENGINEERS ATTENTION BEFORE BID SUBMITTAL ANY FIELD CONDITION FOUND AFTER BID APPROVAL WHICH HAMPERS AND/OR PREVENTS ANY WORK TO BE PERFORMED AS SHOWN ON DRAWINGS AND SPECIFICATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BID THE HIGHER SPECIFICATION FOR ANY DISCREPANCY BETWEEN DRAWINGS AND SPECIFICATIONS.
5. 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.
6. CONTRACTOR SHALL PROVIDE ALL ELECTRICAL HARDWARE SHOWN ON THESE DRAWINGS, RELATED DETAIL AND IS NECESSARY TO COMPLETE THE INSTALLATION.
7. CONTRACTOR SHALL PAY ANY FEES APPLICABLE TO ELECTRICAL WORK, SUCH AS, BUT NOT LIMITED TO, THE POWER COMPANY, TELEPHONE COMPANY, CAT-V, AN APPROVED ELECTRICAL INSPECTION AGENCY, ALARM AND FIRE PROTECTION COMPANIES.
8. 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.
9. ALL WORK SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND DIRECTIVES OF THE OWNER.
10. 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.
11. CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND THEIR INSTALLATION TO BE FREE OF DEFECTS FOR A PERIOD AS DEFINED IN SPECIFICATION SECTION 01700 OF THE PROJECT MANUAL.
12. A COMPLETE SYSTEM OF WIRING, WITH ALL FEEDERS, MAINS, BRANCHES AND CONDUITS AS SHOWN ON THE DRAWINGS, SHALL BE FURNISHED AND INSTALLED FROM THE MAIN DISTRIBUTION BOARD TO THE PANELS OUTLETS, MOTORS, AND APPURTENANCES.
13. 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.
14. FURNISH AND INSTALL ALL WIRING OF ANY VOLTAGE OR PURPOSE AS SHOWN ON THE DRAWINGS.
15. THE INDICATED SOURCE OF EXISTING CIRCUITS MAY NOT BE KNOWN OR HAS NOT BEEN VERIFIED. IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO TRACE OUT, LOCATE AND VERIFY THE DISCONNECTING MEANS OF EXISTING CIRCUIT(S) TO BE IMPACTED BY THE WORK. SAFE OFF THE CIRCUIT (SO AS REQUIRED TO SAFELY PERFORM THE WORK, AND RE-ENERGIZE UPON COMPLETION. UPDATE PANEL DIRECTORIES UPON COMPLETION.
16. ALL BRANCH CIRCUITS SHALL HAVE INDIVIDUAL NEUTRALS. SHARING COMMON NEUTRALS AMONG BUNDLED CIRCUITS IS SPECIFICALLY DISALLOWED UNLESS OTHERWISE NOTED.
17. 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.
18. FURNISH AND INSTALL ALL DISCONNECT DEVICES AND SAFETY SWITCHES AS SHOWN ON THE DRAWINGS AND / OR AS REQUIRED TO CONFORM WITH CODE REQUIREMENTS.
19. FURNISH AND INSTALL ALL INDICATED LIGHTING FIXTURES COMPLETE WITH MOUNTING HARDWARE AS REQUIRED FOR A COMPLETE INSTALLATION. NOTE ALL LIGHT FIXTURES SHALL BE SUPPORTED FROM BUILDING STRUCTURE. UTILIZING CEILING FRAMING ALONE IS NOT ACCEPTABLE. NEW LIGHTING FIXTURES (OTHER THAN THEATRICAL EQUIPMENT) SHALL NOT BE DAISY CHAINED. RE-USE OF AN EXISTING LIGHTING CIRCUIT INCLUDES HOME RUN WIRING OR WIRING UP TO THE SWITCH. ANY WIRING DOWNSTREAM OF THE SWITCH IS SUBJECT TO REMOVAL/REARRANGEMENT. ELECTRICAL CONTRACTOR SHALL ALLOW FOR THIS IN THE BID PRICE.
20. NEW CIRCUIT BREAKERS INSTALLED IN EXISTING PANELBOARD(S) SHALL BE LISTED/LABELED FOR USE WITH THE EXISTING PANELBOARD(S) AND SHALL MEET OR EXCEED THE INTERRUPTING RATING OF THE PANEL.
21. CONTRACTOR SHALL REFER TO ALL FURNITURE DRAWINGS BEFORE INSTALLING RECEPTACLES. THE MOUNTING HEIGHT OF THE RECEPTACLES IS 18" ABOVE FINISHED FLOOR UNLESS INDICATED ON THE DRAWING. COLOR, TYPE & FINISH OF ALL RECEPTACLES, DEVICES & FACE PLATES SHALL BE AS APPROVED BY ENGINEER AND ARCHITECT. CONTRACTOR SHALL PROVIDE & 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.
22. ALL BRANCH WIRING TO BE 1 #12 + 1 #12(N) + 1 #12(G) - 3/4"C (UNLESS OTHERWISE NOTED), OR STEEL JACKETED MC CABLE (WHERE CODE PERMITTED). ALUMINUM JACKETED MC CABLE IS NOT ACCEPTABLE.
23. UNLESS OTHERWISE SPECIFIED ON DRAWINGS, RUN BRANCH CIRCUITS IN DROPPED CEILINGS, VOIDS, CHASES, FLOOR BELOW AND BEHIND WALLS. ALL DEVICES & CONDUITS ON NEW CONSTRUCTION MUST BE RECESSED. CONDUITS MAY BE SURFACE MOUNTED IN MECHANICAL SPACES UNLESS OTHERWISE NOTED. CONDUITS IN PUBLIC AREAS SHALL BE CONCEALED IN HUNG CEILINGS, EMBEDDED IN SLAB OR MASONRY WALLS, EXCEPT WHERE SURFACE MOUNTED RACEWAY IS SPECIFIED. ALL WIRING THAT CANNOT BE CONCEALED IN MUST BE RUN IN FINISHED SURFACE RACEWAY SUCH AS WIREMOLD, COLOR PER ARCHITECT.
24. ALL CONNECTIONS AND / OR SPLICES SHALL BE MADE ONLY IN ACCESSIBLE JUNCTION BOXES.
25. ALL COUPLINGS AND CONNECTORS FOR USE WITH EMT SHALL BE COMPRESSION TYPE. SET SCREW TYPE OR INDENT TYPE FITTINGS WILL NOT BE ACCEPTED.
26. ALL PENETRATIONS TO BUILDING EXTERIOR SHALL BE SEALED WATERTIGHT. ROOF PENETRATIONS SHALL BE MADE VIA APPROVED PITCH POCKETS OR PIPE PORTALS AND IN ACCORDANCE WITH EXISTING ROOF WARRANTIES.
27. WIRING INSTALLED IN CEILINGS SHALL BE HUNG INDEPENDENT OF CEILING SYSTEM AND SECURELY TIED TO BUILDING STEEL.
28. 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.
29. FURNISH AND INSTALL ALL HARDWARE TO PROPERLY SUPPORT ALL CONDUITS NOT INSTALLED IN CONCRETE SLABS OR UNDERGROUND.
30. ALL CONDUITS OR MC CABLE SHALL BE EQUIPPED WITH AN INSULATING/CHAFE GUARD GROMMET AT WIRE ENTI/ENTRANCE. MC CABLE SHALL USE MC STYLE BUSHINGS. BX OR OTHER BUSHINGS ARE SPECIFICALLY DISALLOWED.
31. WHERE AN EXISTING CONDUIT OR CABLE IS REQUIRED TO BE REMOVED BUT SERVES AND EXISTING PIECE OF EQUIPMENT WHICH IS TO REMAIN OPERABLE, THE ELECTRICAL CONTRACTOR SHALL REROUTE SAID CONDUIT OR CABLE OR PROVIDE A NEW SOURCE OF POWER (APPROVED BY ENGINEERING) TO THIS EQUIPMENT AS A PART OF THIS CONTRACT.
32. 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. PROVIDE PRINT PANEL SCHEDULE. HAND WRITING NOT ALLOWED.
33. ALL CIRCUIT BREAKERS POSITIONS IN ALL PANELS ARE SHOWN FOR GROUPING PURPOSES ONLY. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR LOAD BALANCING.
34. ALL DEVICES SHALL BE FASTENED IN PLACE SECURELY.
35. WORK WHICH MUST BE DONE IN OCCUPIED AREAS SHALL BE DONE AT SUCH TIMES AS INDICATED IN THE PHASING OF CONSTRUCTION AND AS APPROVED BY THE OWNER. OUTAGES ARE ONLY PERMITTED OUTSIDE OF NORMAL BUSINESS HOURS. COORDINATE WITH OWNER. INCLUDE ALL PREMIUM TIME IN BID.
36. WHERE THE CONTRACTOR IS INSTRUCTED TO PROVIDE, INSTALL AND WIRE CIRCUIT BREAKER(S) TO AN EXISTING PANEL AND THAT PANEL DOES NOT HAVE THE ROOM TO INSTALL REQUIRED CIRCUIT BREAKERS, THE CONTRACTOR SHALL REMOVE (3) ADJACENT 1P CIRCUIT BREAKERS AND PROVIDE A 3P, 60A CIRCUIT BREAKER IN THEIR PLACE FOR SUB FEED TO A SURFACE MOUNTED 100A, 3P, 4W, 24 POLE SUB PANEL AND ESTABLISH OVERFLOW CIRCUITS IN NEW SUB PANEL, EACH WITH REQUIRED CIRCUIT BREAKERS. PROVIDE (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.
37. ALL DEVICES ADDRESSED BY ADA REGULATIONS SHALL BE INSTALLED AT ADA COMPLIANT HEIGHTS AND LOCATIONS.
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. UNLESS OTHERWISE NOTED, STARTERS AND DISCONNECTS FOR MECHANICAL EQUIPMENT SHALL BE FURNISHED BY THE MECHANICAL CONTRACTOR. COORDINATE WITH THE MECHANICAL CONTRACTOR FOR ALL POWERED MECHANICAL EQUIPMENT. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO INSTALL ALL MOTOR STARTERS AND ASSOCIATED POWER WIRING FROM SOURCE TO LIMIT VIA STARTERS AND DISCONNECTS. THE LOCATIONS OF MOTOR STARTERS SHALL BE DETERMINED BY THE MECHANICAL CONTRACTOR IN THE FIELD AND SUBMITTED TO THE ENGINEER FOR APPROVAL UNLESS IT IS SPECIFIED ON THE DRAWINGS. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE MECHANICAL DRAWINGS , EQUIPMENT SCHEDULES AND NOTES AND INCLUDE IN HIS BID PRICE ALL ELECTRICAL WORK ASSOCIATED WITH THEIR INSTALLATION, AND THE REMOVAL OF ANY STARTERS / DISCONNECTS NO LONGER REQUIRED.
40. PROVIDE PROTECTIVE DUST COVERS ON SMOKE DETECTORS IN CONSTRUCTION AREAS. REMOVE COVERS UPON COMPLETION OF WORK.
41. ANY LIGHT FIXTURES INSTALLED IN GYMNASIUMS OR OTHER AREAS SUBJECT TO IMPACT OR PHYSICAL DAMAGE SHALL BE MOUNTED WITH SAFETY CHAINS AND SECURED TO STRUCTURE.
42. PROVIDE ALL WIRING, PANEL BOARDS, SWITCHES, FUSES, EQUIPMENT, AND ALL INCIDENTAL MATERIALS REQUIRED TO SUPPLY TEMPORARY AND PERMANENT ELECTRICAL NEEDS FOR THE WORK INVOLVED, ALL IN ACCORDANCE WITH OSHA, LOCAL, STATE AND UNDERWRITERS REQUIREMENTS.

DEMOLITION NOTES

1. THE ITEMS SPECIFICALLY SHOWN ON THE DEMOLITION DRAWINGS ARE TO BE ADDRESSED BY THE ELECTRICAL CONTRACTOR. THE ITEMS ARE TO BE TREATED AS NOTED AND RANGE FROM DIRECT REMOVAL AND DISPOSAL TO REMOVAL, STORAGE AND REINSTALLATION
2. MANY OTHER ELECTRIC ITEMS EXIST THAT ARE NOT SHOWN INCLUDING, BUT ARE NOT LIMITED TO, SWITCHES, RECEPTACLES, FLOOR OUTLETS, LOW VOLTAGE JACKS, LOW VOLTAGE DEVICES AND WIRING, TELEPHONE 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-ELECTRICAL CONTRACTORS. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ASSURING THAT ALL ELECTRIC DEVICES SCHEDULED FOR DEMOLITION, OF ANY VOLTAGE OR FUNCTION, ARE SAFE AND ADVISE THE OTHER CONTRACTORS.
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 UNLESS OTHERWISE NOTED. THE GENERAL CONTRACTOR SHALL THEN PERFORM ALL WORK ZONE DEMOLITION UNLESS OTHERWISE NOTED. THIS MATTER APPLIES TO ALL ELECTRIC ITEMS, OF ANY VOLTAGE OR PURPOSE.
4. THE SPECIALISPECIFIC 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 OWNERS 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. UNLESS OTHERWISE NOTED LIGHT FIXTURES ARE TO BE REMOVED AS GENERAL, NON ELECTRIC, CONTRACTOR DEMOLITION. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO SAFE OFF LIGHTING CIRCUITS FOR REMOVAL BY OTHERS. NO SPECIFIC QUANTITIES OR LOCATIONS ARE SHOWN. RETURN WHATEVER QUANTITY, IF ANY, OF THESE TO OWNER'S INVENTORY IF HE SO SPECIFIES OR THEY ARE OTHERWISE TO BE DISPOSED OF. ELECTRICAL CONTRACTOR SHALL EXAMINE FIXTURES FOR PRESENCE OF PCB'S AND SPECIAL DISPOSAL.
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 NORMALLY 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 THE 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.
12. EC IS RESPONSIBLE TO RESTORE AND COMPLETE SURFACES CAUSED BY THE REMOVAL OF DEVICES, CONDUITS, ETC. ALL FINISHES TO MATCH ADJACENT AREAS.

TEMPORARY POWER CONSTRUCTION NOTES

1. THE ELECTRICAL CONTRACTOR SHALL PROVIDE TEMPORARY POWER AND LIGHT IN THE CONSTRUCTION AREAS OF THE PROJECT.
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 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. 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.
6. THE ELECTRICAL CONTRACTOR SHALL PREPARE EACH PANEL SCHEDULE.
7. 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 ELECTRICAL CONTRACTOR FOR THE PURPOSE OF ATTACHMENT TO PROJECT. ALL ELECTRICAL HARDWARE SHALL BE NEW FOR THIS PROJECT.
8. ALL WIRING SHALL BE INSTALLED SO AS NOT TO CAUSE TRIPPING HAZARD OR SIMILAR OBSTRUCTION.
9. 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.
10. THE ELECTRICAL 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. ELECTRICAL CONTRACTOR SHALL COMMENCE WORK ON THIS PROJECT WITH A GROSS OF SPARE CONSTRUCTION BULBS AT HIS IMMEDIATE DISPOSAL.
11. REMOVAL OF THE TEMPORARY POWER AND LIGHTING SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL 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.
12. 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. THE OWNER IS TO PAY FOR POWER CONSUMPTION UNLESS OTHERWISE NOTED.

CONTRACTOR ABBREVIATIONS

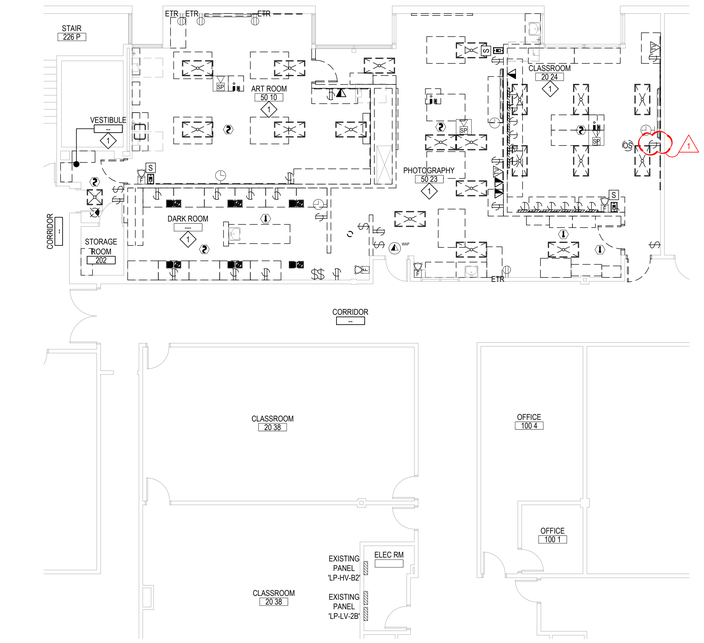
GC = GENERAL CONTRACTOR	PC = PLUMBING CONTRACTOR
MC = MECHANICAL CONTRACTOR	CC = CASEWORK CONTRACTOR
EC = ELECTRICAL CONTRACTOR	

ABBREVIATIONS

A	AMPERAGE OR AMPS
ABT	ABOVE BENCH TOP
AC	ALTERNATING CURRENT
ACT	ABOVE COUNTER TOP
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHD	ABOVE HAND DRYER
BC	BELOW CEILING
C	CONDUIT
CB	CIRCUIT BREAKER
CD	CANDELAS
CKT	CIRCUIT
CM	CEILING MOUNTED
DC	DIRECT CURRENT
DH	DOOR HOLDER
DISC	DISCONNECT
EC	ELECTRICAL CONTRACTOR
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
ETR	EXISTING TO REMAIN
EX	EXISTING
FA	FIRE ALARM
FM	FLOOR MOUNT
FMC	FLEXIBLE METAL CONDUIT
FSD	FIRE SMOKE DAMPER
FT	FEET
GC	GENERAL CONTRACTOR
GFCI, GFI	GROUND FAULT CIRCUIT INTERRUPTER
G, GND	GROUND
GRS	GALVANIZED RIGID STEEL
HD	HAND DRYER
IG	ISOLATED GROUND
IN	INCHES
KW	KILOWATTS
LFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MCB	MAIN CIRCUIT BREAKER
MDP	MAIN DISTRIBUTION PANEL
MH	MANHOLE
MIN	MINIMUM
MLO	MAIN LUG ONLY
MTD	MOUNTED
MTH	MOUNTING HEIGHT
N	NEUTRAL
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURES ASSOCIATION
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NTS	NOT TO SCALE
PA	PUBLIC ADDRESS
PC	PLUMBING CONTRACTOR
PV	PHOTOVOLTAIC
PVC	POLYVINYL CHLORIDE
REC	RECEPTACLE
REQ'D.	REQUIRED
RL	RELOCATED
R&R	REMOVE AND REINSTALL
SCH	SCHEDULE
SM	SURFACE MOUNTED
SPD	SURGE PROTECTIVE DEVICE
SQ	SQUARE
SWBD	SWITCHBOARD
SWG	STEEL WIRE GUARD
TK	TOE KICK
TSP	TWISTED SHIELDED PAIR
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
TYP	TYPICAL
UC	UNDER COUNTER
UG	UNDER GROUND
UTP	UNSHIELDED TWISTED PAIR
UWS	UNTWISTED
V	VOLTAGE OR VOLTS
VFD	VARIABLE FREQUENCY DRIVE
W	WATTAGE OR WATTS
WG	WIRE GUARD
WM	WALL MOUNTED
WP	WEATHER PROOF
XFMR	TRANSFORMER

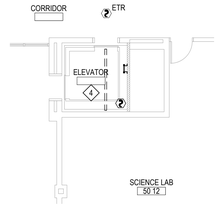
FIRE STOP NOTES

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 SUITABL



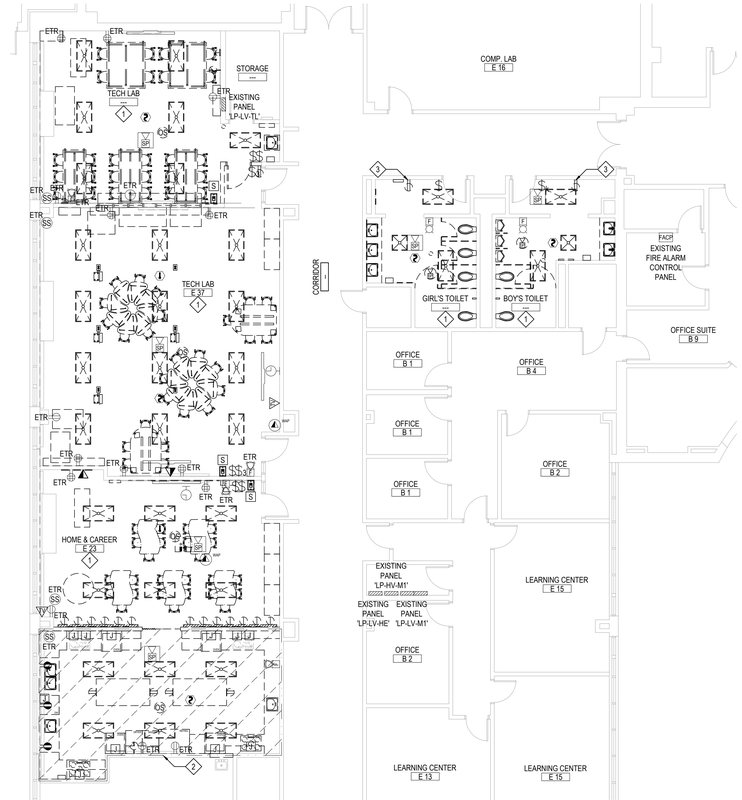
DEMOLITION PLAN - SECOND FLOOR ⟨5⟩

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



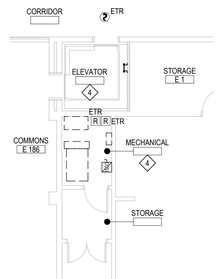
DEMOLITION PLAN - SECOND FLOOR ELEVATOR ⟨5⟩

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



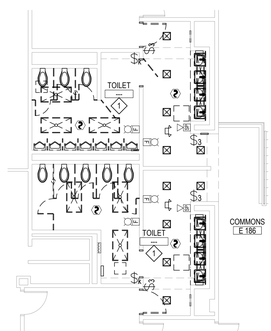
DEMOLITION PLAN - FIRST FLOOR ⟨5⟩

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



DEMOLITION PLAN - FIRST FLOOR ELEVATOR ⟨5⟩

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



DEMOLITION PLAN - FIRST FLOOR TOILER ROOMS ⟨5⟩

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

DEMOLITION KEYED NOTES

⟨1⟩ IN THE DEMOLITION ROOM, UNLESS INDICATED ON DRAWING, EXISTING CEILING MOUNT 1X1, 1X4, 2X2, 2X4 LIGHTS, DARK ROOM LIGHTS, EXIT SIGNS, OCCUPANCY SENSORS, LIGHTING SWITCHES TO BE REMOVED AND DISPOSED. EXISTING LIGHTING CIRCUITS TO BE PROTECTED FOR FUTURE USE. EXISTING CEILING MOUNT RECEPTACLES, CORD REELS, PROJECTOR CEILING PLATES TO BE REMOVED, EXISTING POWER FEEDER TO BE REMOVED BACK TO SOURCE. EXISTING RECEPTACLES AND SURFACE MOUNT RECEPTACLE RACEWAYS ON DEMOLITION WALL TO BE REMOVED, EXISTING REMOVED RECEPTACLE POWER FEEDER TO BE REMOVED BACK TO SOURCE UNLESS CONNECTING TO NOT IN CONTRACT LOADS TO REMAIN. EXISTING EMERGENCY POWER SHUT DOWN PUSH BUTTON TO BE REMOVED, EXISTING WIRING TO BE REMOVED BACK TO SOURCE. EXISTING ORIGINAL PA SYSTEM CEILING ROUND SPEAKERS, RECESSED WALL MOUNT SPEAKERS AND CALL BUTTONS TO BE REMOVED. EXISTING FIRE ALARM DEVICES, PUBLIC ADDRESS SYSTEM 2X2 CEILING SPEAKERS AND SURFACE WALL MOUNT SPEAKERS, CLOCKS TO BE REMOVED, STORED, REINSTALLED AS INDICATED LOCATION. EXISTING DATA DROPS ON DEMO WALL AND TV CONNECTORS TO BE REMOVED. EXISTING WIRELESS ACCESS POINTS AND SMART BOARDS TO BE REMOVED AND TURN OVER TO OWNER.

⟨2⟩ IN THE DEMOLITION AREA, UNLESS INDICATED ON DRAWING, EXISTING CEILING MOUNT 2X4 LIGHTS AND OCCUPANCY SENSOR TO BE REMOVED AND DISPOSED. EXISTING LIGHTING CIRCUITS TO BE PROTECTED FOR FUTURE USE. DE-ENERGIZED ALL KITCHEN APPLIANCES AND RECEPTACLES ON FURNITURE AND COUNTER TOP BACK SPLASH FOR GENERAL CONTRACTOR REMOVAL. EXISTING POWER FEEDER TO BE REMOVED BACK TO SOURCE. EXISTING FIRE ALARM DEVICES, PUBLIC ADDRESS SYSTEM 2X2 CEILING SPEAKER TO BE REMOVED, STORED, REINSTALLED AS INDICATED LOCATION.

⟨3⟩ EXISTING RECEPTACLES TO BE DE-ENERGIZED AND REMOVED, PROTECT EXISTING POWER CIRCUIT FOR FUTURE USE.

⟨4⟩ DE-ENERGIZE AND DISCONNECT ALL ELECTRICAL CONNECTION INCLUDE BUT NOT LIMIT LIGHTS, POWER, FIRE ALARM, PHONE, ETC., TO EXISTING ELEVATOR CONTROLLER AND ELEVATOR CAB FOR ELEVATOR REPLACEMENT, PROTECT ALL HIGH AND LOW VOLTAGE WIRES FOR FUTURE USE. EXISTING 600 VAC, 100 AMP, 3 PHASE, FUSED DISCONNECT SWITCH TO BE DE-ENERGIZED AND REMOVED, PROTECT EXISTING POWER FEEDER FOR FUTURE USE. EXISTING PIT AREA LIGHT AND SWITCH AND RECEPTACLE TO BE REPLACED WITH NEW. EXISTING FIRE ALARM SYSTEM RELAYS TO REMAIN. EXISTING SHAFT CEILING MOUNT SMOKE DETECTOR TO BE REPLACED.

⟨5⟩ DE-ENERGIZED ALL DEMOLISHED MECHANICAL AND PLUMBING EQUIPMENT. SEE MECHANICAL AND PLUMBING DRAWING FOR MORE DETAILS. PATCH ALL THE WALL AND CEILING NOT TO BE USED OPENING AFTER ELECTRICAL DEVICES REMOVED. PROVIDE AND INSTALL J-HOOKS OR SIMILAR TO SUPPORT ANY LOOSE CABLES, OF ANY VOLTAGE, WHEN EXISTING CEILING IS REMOVED. SUPPORT DISTANCE PER CODE AND MANUFACTURES INSTRUCTIONS. ANY CEILING MOUNTING UN-USED ELECTRICAL DEVICES TO BE REMOVED AND DISPOSED.

DEMOLITION LEGEND

SYMBOL	DESCRIPTION
	2' X 4' RECESSED LIGHTING FIXTURE.
	2' X 2' RECESSED LIGHTING FIXTURE.
	1' X 1' RECESSED LIGHTING FIXTURE.
	1' X 4' SURFACE MOUNT LIGHTING FIXTURE.
	RECESSED DOWN LIGHTING FIXTURE.
	RECESSED DARK ROOM LIGHTING FIXTURE.
	CEILING MOUNT EMERGENCY WALL PACK LIGHTING FIXTURE.
	EXIT SIGN.
	CEILING MOUNT OCCUPANCY SENSOR.
$ $3 $dk	SWITCH.
	RECEPTACLES.
	TWIST LOCK RECEPTACLE.
	SURFACE MOUNT RECEPTACLE RACEWAY.
	CEILING MOUNT RECEPTACLE.
	CORD REEL.
	PROJECTOR CEILING PLATE.
J	JUNCTION BOX.
DISC	DISCONNECT SWITCH.
	EMERGENCY POWER SHUT DOWN PUSH BUTTON.
	DATA DROP.
	TV CONNECTOR.
	WALL MOUNT DISPLAY/TV.
WAP	WIRELESS ACCESS POINT.
	PANEL.
	SMOKE DETECTOR WITH BASE.
	HEAT DETECTOR WITH BASE.
F	WALL MOUNT FIRE ALARM STROBE NOTIFICATION DEVICE.
F	WALL MOUNT FIRE ALARM HORN / STROBE NOTIFICATION DEVICE.
R	FIRE ALARM CONTROL RELAY.
FACP	FIRE ALARM CONTROL PANEL.
SPK	CEILING MOUNT PUBLIC ADDRESS SYSTEM 2X2 SPEAKER.
SPK	SURFACE WALL MOUNT PUBLIC ADDRESS SYSTEM SPEAKER.
SPK	CEILING MOUNT PUBLIC ADDRESS SYSTEM SPEAKER.
S	RECESSED WALL MOUNT PUBLIC ADDRESS SYSTEM SPEAKER.
	WALL MOUNT PUBLIC ADDRESS SYSTEM CALL BUTTON.
	WALL MOUNT CLOCK.
SS	SECURITY SENSOR.

REV.	DATE	ITEM
01	01/26/26	BID ADD. NO. 03

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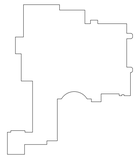

KEY PLAN

NOT TO SCALE

PROJECT
BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE
ELECTRICAL
DEMOLITION PLAN

DRAWING BY: LW
CHECK BY: - - -

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ARCHITECTS
LANDSCAPE ARCHITECTS
ENGINEERS

244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

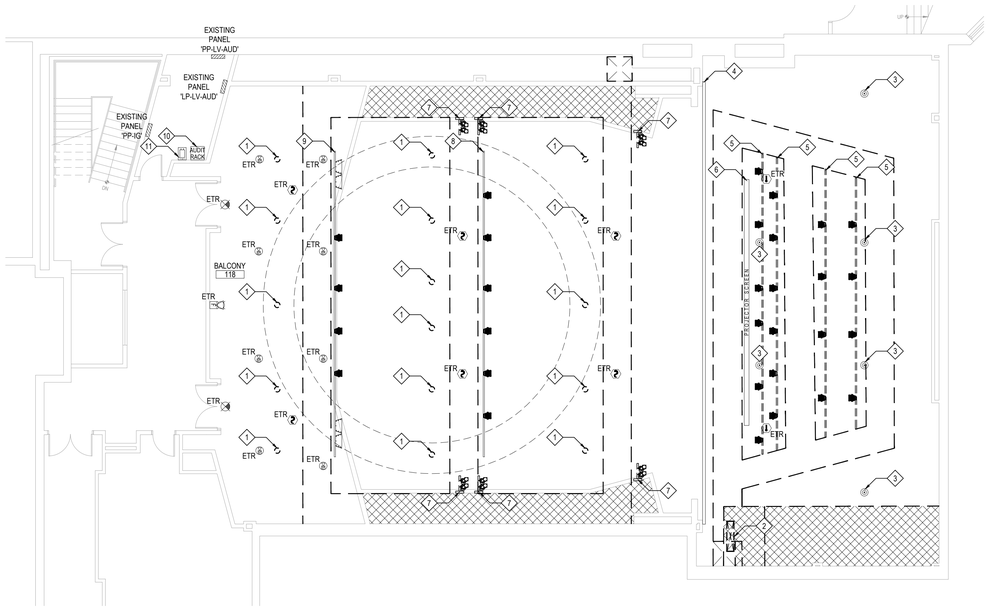
187 WOLF ROAD, STE. 205
ALBANY
NEW YORK 12205
T. 518.621.7650
F. 518.621.7655

www.BBSARCHITECTURE.com

SED No. 66-19-05-02-0-002-022
DISTRICT BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT PHASE 3 - BOND IMPROVEMENTS
DWG TITLE ELECTRICAL DEMOLITION PLAN

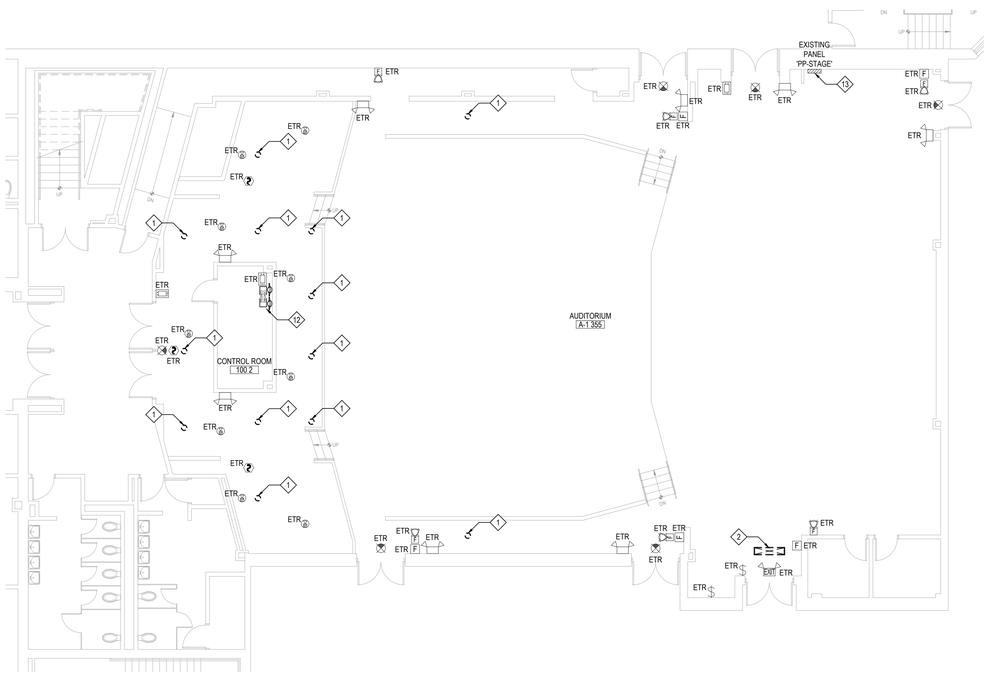
SCALE: AS NOTED
DATE: AUGUST 2025
BID PICK-UP: DECEMBER 15, 2025
FILE No: 25-142a

E1.01



DEMOLITION PLAN - UPPER AUDITORIUM 14

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



DEMOLITION PLAN - AUDITORIUM 14

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

DEMOLITION LEGEND

SYMBOL	DESCRIPTION
	RECESSED LIGHTING FIXTURE.
	PENDANT LIGHTING FIXTURE.
	1' X 4' SURFACE MOUNT LIGHTING FIXTURE.
	THEATRICAL LIGHTING FIXTURE.
	EXIT SIGN.
EXIT	EXIT SIGN/EMERGENCY COMBO LIGHTING FIXTURE.
	EMERGENCY WALL PACK LIGHTING FIXTURE.
	PANEL.
AUDIT RACK	AUDITORIUM LIGHTING CONTROL RACK.
	TOUCH SCREEN WALL STATION.
	THEATRICAL LIGHTING CONTROL CONSOLE.
	MONITOR.
	SMOKE DETECTOR WITH BASE.
	HEAT DETECTOR WITH BASE.
F	WALL MOUNT FIRE ALARM HORN / STROBE NOTIFICATION DEVICE.
F	PULL STATION.
	CEILING MOUNT PUBLIC ADDRESS SYSTEM SPEAKER.

DEMOLITION KEYED NOTES

1. EXISTING CEILING RECESSED DOWN LIGHT TO BE DE-ENERGIZED AND REMOVED. PROTECT EXISTING LIGHTING CIRCUIT FOR FUTURE USE.
2. EXISTING SURFACE MOUNT 1X4 LIGHTING FIXTURE TO BE DE-ENERGIZED AND REMOVED. PROTECT EXISTING LIGHTING CIRCUIT FOR FUTURE USE.
3. EXISTING AUDITORIUM STAGE PENDANT LIGHTING FIXTURE TO BE RETROFITTED WITH LED RETROFIT KIT.
4. EXISTING STAGE FIRE CURTAIN TO REMAIN.
5. EXISTING THEATRICAL LIGHTING FIXTURES MOUNTING ON STATIC ELECTRIC BAR OVER STAGE TO BE DE-ENERGIZED AND REMOVED, TURN THEATRICAL FIXTURES OVER TO THE OWNER. PROTECT EXISTING LIGHTING CIRCUITS FOR FUTURE USE. EXISTING STATIC BAR TO BE REMOVED.
6. EXISTING CEILING MOUNTING PROJECTOR SCREEN TO REMAIN, PROTECT DURING CONSTRUCTION.
7. EXISTING THEATRICAL LIGHTING FIXTURES MOUNTING ON TORMENTOR BAR TO BE DE-ENERGIZED AND REMOVED, TURN THEATRICAL FIXTURES OVER TO THE OWNER. PROTECT EXISTING LIGHTING CIRCUITS FOR FUTURE USE. EXISTING TORMENTOR BAR TO BE REMOVED.
8. EXISTING THEATRICAL LIGHTING FIXTURES MOUNTING ON STATIC MIDDLE FOH PIPE TO BE DE-ENERGIZED AND REMOVED, TURN THEATRICAL FIXTURES OVER TO THE OWNER. PROTECT EXISTING LIGHTING CIRCUITS FOR FUTURE USE. EXISTING STATIC FOH PIPE TO REMAIN.
9. EXISTING THEATRICAL LIGHTING FIXTURES MOUNTING ON STATIC BACK FOH PIPE TO BE DE-ENERGIZED AND REMOVED, TURN THEATRICAL FIXTURES OVER TO THE OWNER. PROTECT EXISTING LIGHTING CIRCUITS FOR FUTURE USE. EXISTING PIPE MOUNTING AUDITORIUM SOUND SYSTEM SPEAKERS TO REMAIN. EXISTING STATIC BACK FOH PIPE TO REMAIN, REMOVE EXISTING PIPE MOUNTING ACCESSORIES, PROVIDE AND INSTALL NEW BUILDING STRUCTURE PIPE MOUNTING KITS.
10. EXISTING 'STRAND' CD80 DIMMER RACK TO REMIAN. REPLACE EXISTING DIMMER MODULES WITH NEW NON-DIM POWER MODULES.
11. EXISTING TOUCH SCREEN WALL STATION TO REMAIN, DISCONNECT FROM EXISTING 'STRAND' CD80 DIMMER RACK, PROTECT FOR FUTURE CONNECTION.
12. EXISTING LIGHTING CONTROL CONSOLE AND MONITORS TO BE REMOVED AND TURNED OVER TO THE OWNER.
13. DE-ENERGIZE, DISCONNECT, PULL BACK, PROTECT EXISTING BRANCH AND FEEDER WIRING FOR THE REMOVAL ENTIRELY OF EXISTING SURFACE MOUNT ELECTRICAL PANEL. THE EXISTING PANEL 'PP-STAGE' IS 208Y/120V AC, 125 AMP, 3PH, 4W, 24 POLE WITH (6) 20 AMP, 1 POLE CIRCUIT BREAKERS AND (18) SPACES. FIELD VERIFY AVAILABILITY OF EXISTING EQUIPMENT, CONTACT THE ENGINEER FOR ALTERNATE OPTIONS IN CASE OF ANY DISCREPANCY.
14. PATCH ALL THE WALL AND CEILING NOT TO BE USED OPENING AFTER ELECTRICAL DEVICES REMOVED BY ABATEMENT CONTRACTOR. PROVIDE AND INSTALL J-HOOKS OR SIMILAR TO SUPPORT ANY LOOSE CABLES, OF ANY VOLTAGE, WHEN EXISTING CEILING IS REMOVED. SUPPORT DISTANCE PER CODE AND MANUFACTURES INSTRUCTIONS. ANY CEILING MOUNTING UN-USED ELECTRICAL DEVICES TO BE REMOVED AND DISPOSED.

REV.	DATE	ITEM

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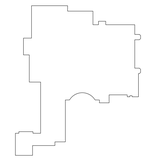

KEY PLAN

NOT TO SCALE

PROJECT

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE

ELECTRICAL
DEMOLITION PLAN - AUDITORIUM

DRAWING BY: LW

CHECK BY: - - -

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PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

187 WOLF ROAD, STE. 205
ALBANY
NEW YORK 12205
T. 518.621.7650
F. 518.621.7655

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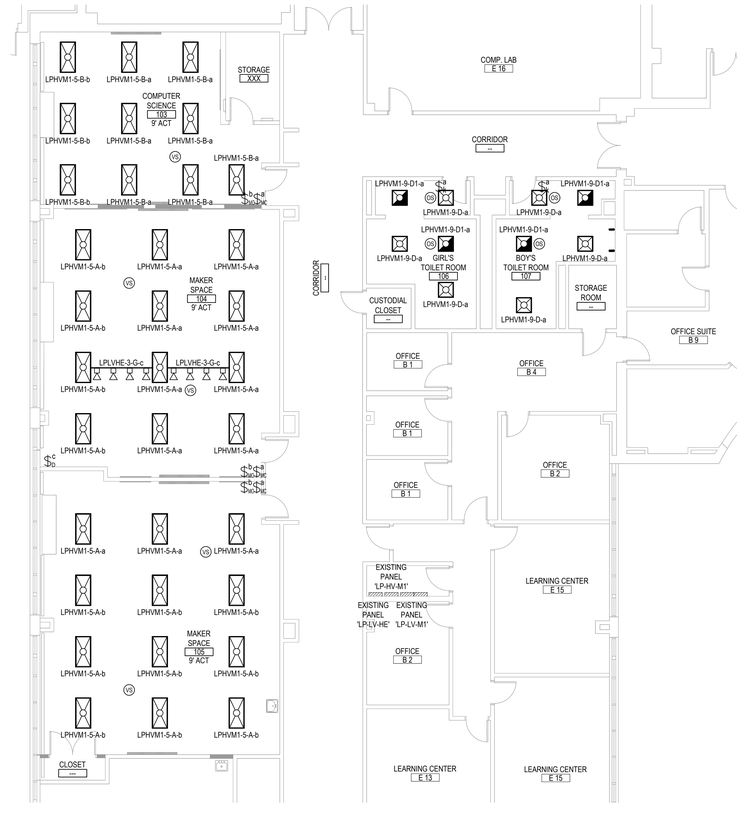
SED No.	66-19-05-02-0-002-022
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	ELECTRICAL DEMOLITION PLAN
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142a

E1.02

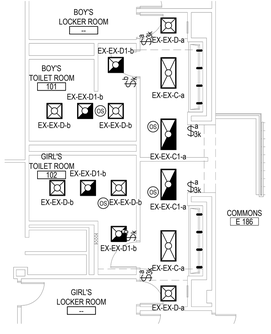
PROPOSED LIGHTING PLAN - SECOND FLOOR

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



PROPOSED LIGHTING PLAN - FIRST FLOOR

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



PROPOSED LIGHTING PLAN - FIRST FLOOR TOILER ROOMS

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

LIGHTING LEGEND

TYPE	SYMBOL	DESCRIPTION
A		2' X 4' RECESSED LED LIGHTING FIXTURE. LPEC24-LED-55L-UNV-DIM1-35-U WITH 42 WATTS OUTPUT LED LAMPS AND 0-10V DIMMING DRIVER BY 'LSI INDUSTRIES INC.'.
B		2' X 4' RECESSED LED LIGHTING FIXTURE. LPEC24-LED-48L-UNV-DIM1-35-U WITH 36 WATTS OUTPUT LED LAMPS AND 0-10V DIMMING DRIVER BY 'LSI INDUSTRIES INC.'.
C		2' X 4' RECESSED LED LIGHTING FIXTURE. LPEC24-LED-40L-UNV-DIM1-35-U WITH 32 WATTS OUTPUT LED LAMPS AND 0-10V DIMMING DRIVER BY 'LSI INDUSTRIES INC.'.
C1		2' X 4' RECESSED LED EMERGENCY LIGHTING FIXTURE. LPEC24-LED-40L-UNV-DIM1-35-EM10-U WITH 32 WATTS OUTPUT LED LAMPS AND 0-10V DIMMING DRIVER AND 90 MINUTES EMERGENCY BATTERY PACK BY 'LSI INDUSTRIES INC.'.
D		2' X 2' RECESSED LED LIGHTING FIXTURE. LPEC22-LED-25L-UNV-DIM1-35-U WITH 21.3 WATTS OUTPUT LED LAMPS AND 0-10V DIMMING DRIVER BY 'LSI INDUSTRIES INC.'.
D1		2' X 2' RECESSED LED EMERGENCY LIGHTING FIXTURE. LPEC22-LED-25L-UNV-DIM1-35-EM10-U WITH 21.3 WATTS OUTPUT LED LAMPS AND 0-10V DIMMING DRIVER AND 90 MINUTES EMERGENCY BATTERY PACK BY 'LSI INDUSTRIES INC.'.
E		RECESSED DARKROOM SAFELIGHT TWO COMPARTMENT LIGHTING FIXTURE. DRKS2-L-RED-WHT-M-WDF WITH 14.2 WATTS OUTPUT LED LAMP AND (2) 0-10V DIMMING DRIVERS BY 'ADVANTAGE ENVIRONMENTAL LIGHTING'.
F		UTILITY LIGHTING FIXTURE WITH WIRE GUARD. VXBRLED13NDG WITH 13 WATTS LED LAMPS AND FIXED OUTPUT DRIVER BY 'RAB LIGHTING'.
G		CEILING SURFACE MOUNT TRACK LIGHTING SYSTEM. STRB30-LED-20L-27-120-DIM-40-80CRI-BLK-TR-2-8-B WITH TRKS-8-4-T-B TRACK AND 21 WATTS LED LAMPS AND HIGH PERFORMANCE DRIVER BY 'LSI INDUSTRIES INC.'.
X	IN USE	ARCHITECTURAL MESSAGE SIGN. AMC-120-RW-IN USE BY 'SIGNIFY - CHLORIDE'.
	VS	CEILING MOUNTED VACANCY / DAYLIGHT SENSOR, LOW VOLTAGE, DUAL TECHNOLOGY, COMPLETE W/ POWER PACK(S) AS REQUIRED. VAC-DT-2000-R BY 'COOPER LIGHTING SOLUTIONS - GREENGATE'.
	OS	CEILING MOUNTED OCCUPANCY / DAYLIGHT SENSOR, LOW VOLTAGE, DUAL TECHNOLOGY, COMPLETE W/ POWER PACK(S) AS REQUIRED. OAC-DT-2000-R BY 'COOPER LIGHTING SOLUTIONS - GREENGATE'.
	$_{VNC}$	MOMENTARY DECORATOR LOW VOLTAGE SWITCH, GMDS-W WITH 302/304 STAINLESS STEEL FACE PLATE BY 'COOPER LIGHTING SOLUTIONS - GREENGATE'.
	$_{D}$	DECORATOR DIMMER SWITCH, WBSD-010DEC-C1 WITH SURFACE MOUNT BACK BOX AND DECORATOR FACE PLATE BY 'COOPER LIGHTING SOLUTIONS - GREENGATE'.
	$_{bk}$	KEY SWITCH, 20A, PS20AC1-KL WITH 302/304 STAINLESS STEEL FACE PLATE BY 'LEGRAND'.
	$_{3bk}$	THREE-WAY KEY SWITCH, 20A, PS20AC3-KL WITH 302/304 STAINLESS STEEL FACE PLATE BY 'LEGRAND'.
	$	TOGGLE SWITCH, 20A, CS20AC1 WITH 302/304 STAINLESS STEEL FACE PLATE BY 'LEGRAND'.
		PANEL.

LIGHTING WIRING LEGEND

SYMBOL	DESCRIPTION
LPHVM1-5-A-a	LIGHT FIXTURE WIRING FORMAT: "PANEL NAME"-"CKT BRK NUMBER"-"FIXTURE TYPE"-"SWITCH LETTER" "LP-HV-M1" - "5" - "A" - "a" INV1 = FIXTURE BACK UP BY INVERTER NL = FIXTURE TO BE WIRED DIRECTLY TO CIRCUIT, BYPASSING ALL CONTROLS Z1 = ZONE 1 OF ROOM CONTROLLER PC = PHOTOCELL TC = TIME CLOCK LCP = LIGHTING CONTROL PANEL EX = EXISTING PANEL, EXISTING CKT BRK, EXISTING FIXTURE TYPE a/b = EACH SWITCH TO CONTROL FIXTURE ONE COMPARTMENT
EX-EX-D-b	LIGHT FIXTURE WIRING FORMAT: "PANEL NAME"-"CKT BRK NUMBER"-"FIXTURE TYPE"-"SWITCH LETTER" "EXISTING" - "EXISTING" - "D" - "b"

LIGHTING CONSTRUCTION NOTES

1. THE WIRES ARE 2 #12 + 1 #12(G) IN 3/4"C UNLESS INDICATED OTHERWISE. THE CIRCUIT NUMBERS ARE REFERENCE ONLY, FIELD VERIFY EXISTING CONDITION. THE NEW LIGHTING FIXTURES ARE WIRED TO EXISTING 277 VOLTS PANELS, EXCEPT TRACK LIGHTS AND DARK ROOM LIGHTING FIXTURE ARE WIRED TO EXISTING 120 VOLTS PANEL.
2. THE ROOMS WITH VACANCY/OCCUPANCY SENSOR ON THIS CONTRACT SHALL BE WIRED PER 'COOPER LIGHTING SOLUTIONS - GREENGATE' OCCUPANCY SENSOR SYSTEM SUPPLIED WIRING DIAGRAMS. THE VACANCY/OCCUPANCY SENSORS ARE MANUAL MODE OPERATION. CONTRACTOR SHALL FIELD ADJUST SENSOR SENSITIVITY AND LOCATION, CONSULTING OWNER FOR REQUIREMENT.
3. WIRE NEW BOY'S TOILET ROOM '101' AND GIRL'S TOILET ROOM '102' LIGHTING FIXTURES TO EXISTING LIGHTING CIRCUIT IN THE AREA.
4. IN DARK ROOM '206', WIRE SWITCH 'a' TO CONTROL DARKROOM SAFELIGHT WHITE COLOR COMPARTMENT AND WIRE SWITCH 'b' TO CONTROL DARKROOM SAFELIGHT RED COLOR COMPARTMENT. WIRE 'IN USE' SIGN TO SWITCH 'b', WHEN DARKROOM SAFELIGHT RED COLOR COMPARTMENT ON, 'IN USE' SIGN IS ON.
5. ALL FIXTURES SHALL BE WIRED TO BE INDEPENDENT FROM ONE ANOTHER, I.E. NO DAISY CHAIN WIRING AND FIXTURE SHALL NOT BE UTILIZED AS A RACEWAY.
6. CONTRACTOR SHALL PROVIDE SEPARATELY WIRES FOR EMERGENCY FIXTURES (WITH HATCH) AND EMERGENCY WALL PACKS BATTERY RECHARGE.
7. CONTRACTOR SHALL CONNECT THE EMERGENCY INVERTER SYSTEM/EMERGENCY LIGHTING UNITS DIRECTLY TO THE ASSOCIATED LIGHTING CIRCUIT BREAKERS AHEAD OF LIGHTING SWITCHES, CONTACTORS, ETC., SO ON A TRIP OR DELIBERATE TURN OFF THE FEED BREAKERS THE EMERGENCY LIGHTS SHALL BE TURNED ON WITHIN 10 SECONDS. THE EMERGENCY BATTERY SHOULD LAST MINIMUM 90 MINUTES.
8. MOUNT ALL LIGHTING SWITCHES AT 48" A.F.F.. ALL SWITCHES COLOR SHALL BE BY ARCHITECT.
9. CONTRACTOR SHALL PROVIDE AND INSTALL ALL ELECTRICAL LIGHTING FIXTURES AND ASSOCIATED COMPONENTS AND WIRING AS SHOWN ON ELECTRICAL DRAWINGS UNLESS NOTED OTHERWISE.
10. EACH PRIME CONTRACTOR IS RESPONSIBLE FOR THE PREPARATION OF JOINTLY PRODUCED COORDINATION DRAWINGS - NO EXCEPTIONS - REFER TO THE SPECIAL PROVISIONS OF THE CONTRACT FOR ALL CONTRACTUAL REQUIREMENTS SPECIFIC TO THE COORDINATION OF EACH TRADES WORK WITH ALL OTHER CONTRACTORS.

REV.	DATE	ITEM

NOTICE

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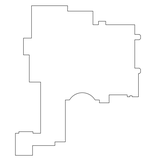

KEY PLAN

NOT TO SCALE

PROJECT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE: ELECTRICAL
PROPOSED LIGHTING PLAN

DRAWING BY: LW
CHECK BY: - - -

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PATCHOGUE
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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

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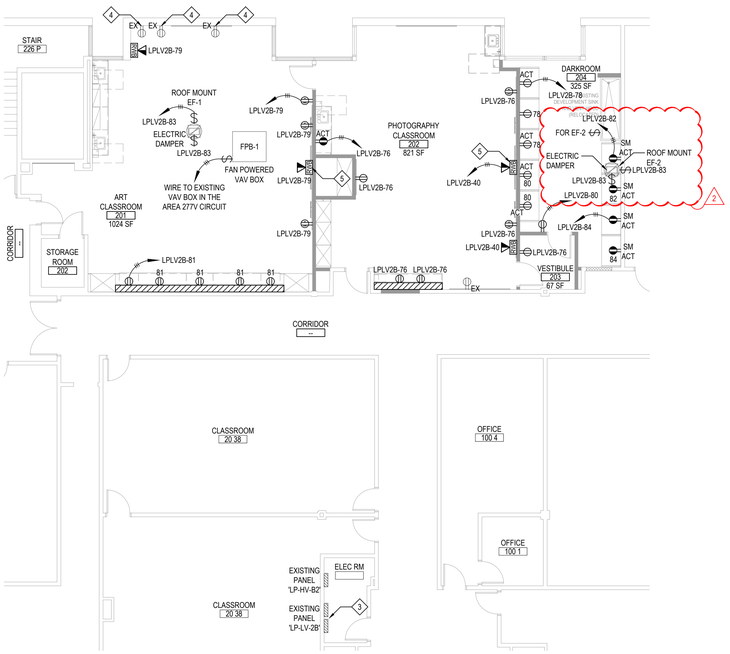
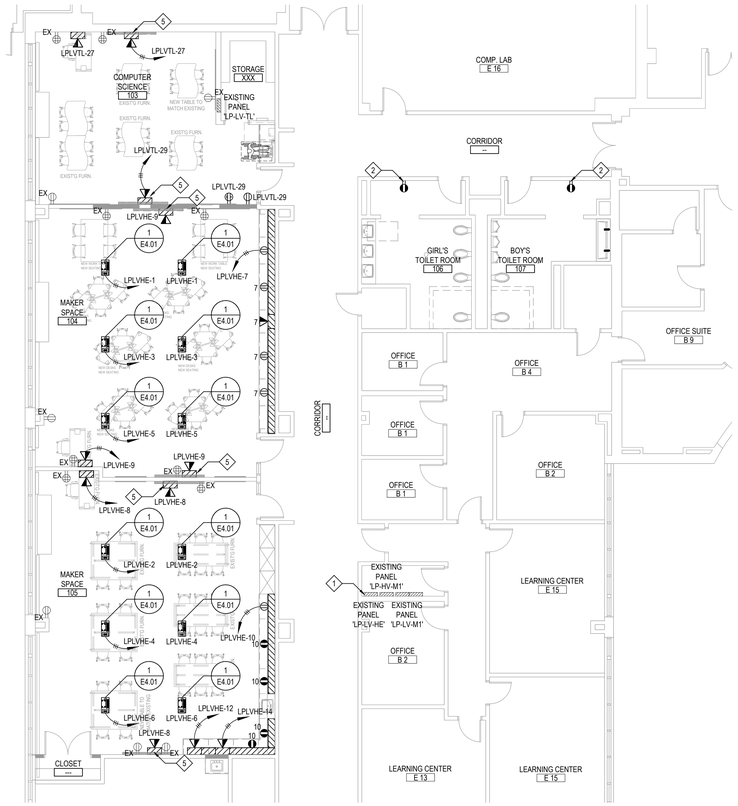
SED No.	66-19-05-02-0-002-022
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	ELECTRICAL PROPOSED LIGHTING PLAN
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142a

E3.01



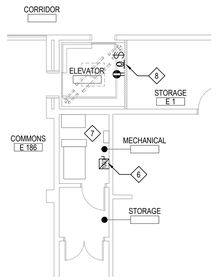
PROPOSED POWER PLAN - SECOND FLOOR

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



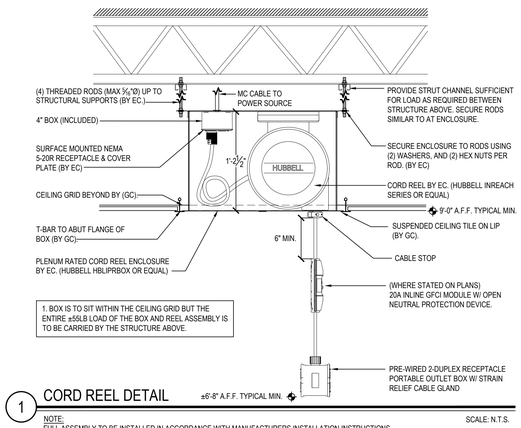
PROPOSED POWER PLAN - FIRST FLOOR

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



PROPOSED POWER PLAN - FIRST FLOOR ELEVATOR

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



1 CORD REEL DETAIL

SCALE: N.T.S.

NOTE:
FULL ASSEMBLY TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS.
CORD REEL TO BE WHITE UNLESS OTHERWISE NOTED ON PLANS.

WIRING DEVICES LEGEND

SYMBOL	DESCRIPTION
	TAMPER-RESISTANT DUPLEX ELECTRICAL OUTLET FOR CONVENIENCE POWER WITH CHROME PLATED STEEL FACEPLATE, NEMA 5-20R. DR20WHITR BY 'HUBBELL'
	TAMPER-RESISTANT DOUBLE DUPLEX ELECTRICAL OUTLET FOR CONVENIENCE POWER WITH 302/304 STAINLESS STEEL FACEPLATE, NEMA 5-20R. (2) DR20WHITR BY 'HUBBELL'
	TAMPER-RESISTANT USB CHARGER DUPLEX ELECTRICAL OUTLET FOR CONVENIENCE POWER WITH CHROME PLATED STEEL FACEPLATE, NEMA 5-20R. USB20AC5W BY 'HUBBELL'
	TAMPER-RESISTANT GROUND FAULT INTERRUPTED DUPLEX ELECTRICAL OUTLET FOR CONVENIENCE POWER WITH CHROME PLATED STEEL FACEPLATE, NEMA 5-20R. AFGF20TRW BY 'HUBBELL'
	PLENUM RATED ENCLOSURE WITH inREACH CORD REEL. HBLIPRBOX ENCLOSURE WITH HBL45123R220M1 CORD REEL AND DR20WHITR DUPLEX ELECTRICAL OUTLET AND MOUNTING ACCESSORIES BY 'HUBBELL'
	FUSED DISCONNECT SWITCH, NEMA 1 UNLESS INDICATED ON DRAWING. LEFT NUMBER INDICATES SWITCH SIZE, RIGHT NUMBER INDICATES POLE COUNT.
	PANEL.
$	SWITCH: LOWER CASE LETTER INDICATES SWITCHING DESIGNATION UPPER CASE LETTER(S) OR NUMBER SUBSCRIPTS: (NONE) = SINGLE POLE, 20 A, HEAVY DUTY SPEC GRADE SWITCH K = KEY D = DIMMER M = SINGLE POLE, MOTOR 2 = DOUBLE POLE 3 = TREE WAY 4 = FOUR WAY EM = EMERGENCY LV2 = TWO GANG LOW VOLTAGE BUTTON EF = COMMERCIAL GRADE EXHAUST FAN FAN = CEILING FAN MC = MOMENTARY CONTACT 1B = ONE BUTTON 2B = TWO BUTTONS

POWER KEYED NOTES

1. FOR EXISTING 208Y/120V AC, 225 AMP, 36 POLE PANEL 'LP-LV-HE', REPLACE ALL DEMOLISHED KITCHEN EQUIPMENT (7) 2 POLE CIRCUIT BREAKERS WITH (14) 20 AMP, 1 POLE CIRCUIT BREAKER. CIRCUIT BREAKER COUNT FOR REFERENCE ONLY. FIELD VERIFY EXISTING CONDITION, MODIFY POSITION AS REQUIRE. UPGRADE AND PROVIDE PRINT SCHEDULE. HAND WRITING NOT ALLOWED.
2. WIRE NEW GFI RECEPTACLE TO EXISTING POWER FEEDER.
3. FOR EXISTING 208Y/120V AC, 225 AMP, 84 POLE TWO SECTION PANEL 'LP-LV-2B'; PROVIDE AND INSTALL (10) 20 AMP, 1 POLE CIRCUIT BREAKERS. FIELD VERIFY EXISTING CONDITION, MODIFY POSITION AS REQUIRE. UPGRADE AND PROVIDE PRINT SCHEDULE AND PRINT CIRCUIT BREAKER TAGS. HAND WRITING NOT ALLOWED.
4. FIELD VERIFY EXISTING RECEPTACLE, RE-WIRE TO PANEL LP-LV-2B' CIRCUIT #39 IF NOT WORK. PROVIDE AND INSTALL NEW RECEPTACLE AS REQUIRE.
5. FIELD VERIFY MOUNTING HEIGHT WITH SMARTBOARD AND LCD MONITOR.
6. PROVIDE AND INSTALL 600 V, 100 AMP, 3 POLE WITH 60 AMP FUSES ELEVATOR AUXILIARY CONTROL DISCONNECT SWITCH, WIRE TO EXISTING POWER FEEDER. WIRE NEW DISCONNECT SWITCH TO NEW ELEVATOR POWER UNIT WITH 3 #6 + 1 #6(N) + 1 #10(G) IN 1"C.
7. WIRE ALL ELECTRICAL CONNECTION INCLUDE BUT NOT LIMIT POWER, FIRE ALARM, PHONE, ETC., TO NEW ELEVATOR CONTROLLER AND ELEVATOR CAB, PROVIDE NEW WIRING AS REQUIRE.
8. PROVIDE AND INSTALL TYPE 'I' UTILITY LIGHTING FIXTURE WITH WIRE GUARD IN ELEVATOR PIT. MOUNT AT 2'-6" A.F.F., CONTROL BY NEW SINGLE POLE, 20 A, HEAVY DUTY SPEC GRADE SWITCH AND WIRE TO EXISTING CIRCUIT. PROVIDE AND INSTALL TAMPER-RESISTANT GROUND FAULT INTERRUPTED DUPLEX ELECTRICAL OUTLET FOR CONVENIENCE POWER WITH SMOOTH METAL STAINLESS STEEL FACEPLATE IN ELEVATOR PIT. MOUNT AT 2'-6" A.F.F. AND WIRE TO EXISTING CIRCUIT.

POWER CONSTRUCTION NOTES

1. THE WIRES ARE 2 #12 + 1 #12(G) IN 3/4"C UNLESS INDICATED OTHERWISE. NEW CIRCUIT BREAKERS INSTALLED IN EXISTING PANELBOARD(S) SHALL BE LISTED/LABELED FOR USE WITH THE EXISTING PANELBOARD(S). MATCH AIC RATING.
2. THE PANEL CIRCUIT NUMBERS ARE REFERENCE ONLY.
3. THE MOUNTING HEIGHT OF THE RECEPTACLES IS 18" ABOVE FINISHED FLOOR UNLESS INDICATED ON THE DRAWING. PROVIDE ACCESSORIES FOR CEILING MOUNT POWER CORD REELS.
4. COLOR, TYPE & FINISH OF ALL RECEPTACLES, DEVICES & FACE PLATES SHALL BE AS APPROVED BY ENGINEER AND ARCHITECT.
5. ELECTRICAL CONTRACTOR SHALL REFER TO ALL FURNITURE DRAWINGS BEFORE INSTALLING RECEPTACLES.
6. SEE TECHNOLOGY DRAWINGS FOR MORE DETAILS.
7. SEE MECHANICAL AND PLUMBING DRAWINGS FOR MECHANICAL AND PLUMBING EQUIPMENT DETAILS AND NOTES. PROVIDE TOGGLE SWITCH ON SINK TOP SECTION FACE FOR ROOF TOP EXHAUST FAN 'EF-2'. 2
8. ELECTRICAL CONTRACTOR SHALL CONNECT ALL ELECTRICAL OPERATED MECHANICAL EQUIPMENT VIA STARTERS, DISCONNECT, HEATERS, ETC. PROVIDE BY MECHANICAL CONTRACTOR.
9. EACH PRIME CONTRACTOR IS RESPONSIBLE FOR THE PREPARATION OF JOINTLY PRODUCED COORDINATION DRAWINGS - NO EXCEPTIONS - REFER TO THE SPECIAL PROVISIONS OF THE CONTRACT FOR ALL CONTRACTUAL REQUIREMENTS SPECIFIC TO THE COORDINATION OF EACH TRADES WORK WITH ALL OTHER CONTRACTORS.

REV.	DATE	ITEM
01	01/26/26	BID ADD. NO. 03
02	02/05/26	BID ADD. NO. 05

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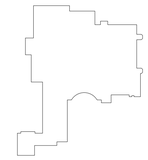

KEY PLAN

NOT TO SCALE

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

ELECTRICAL
PROPOSED POWER PLAN

PROJECT

DWG TITLE

DRAWING BY: LW

CHECK BY: ---

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SED No:	66-19-05-02-0-002-022
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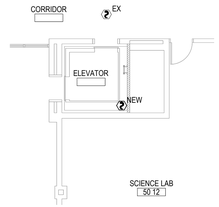
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	ELECTRICAL POWER PLAN
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142a

E4.01

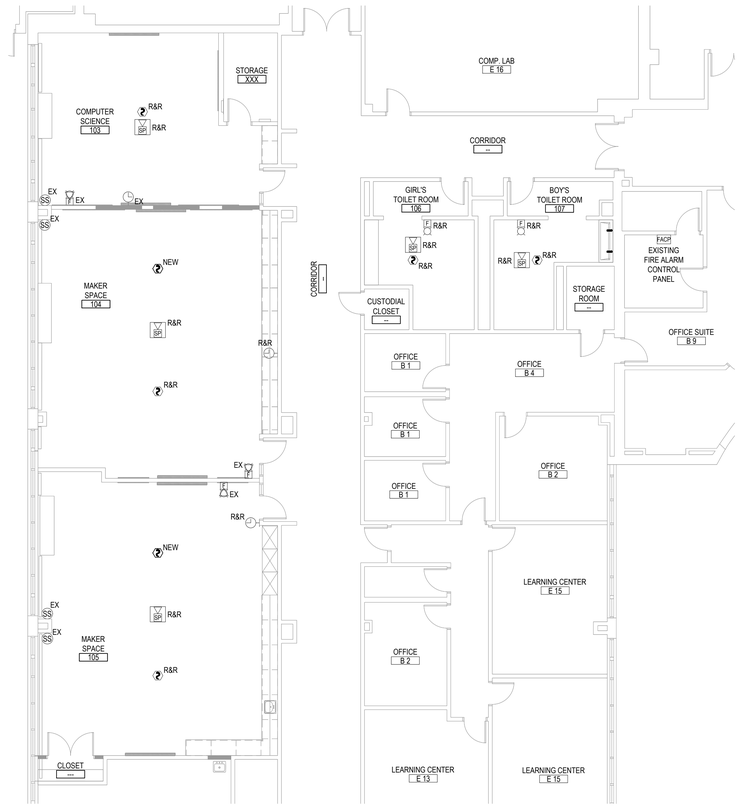
PROPOSED SPECIAL SYSTEM PLAN - SECOND FLOOR

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



PROPOSED SPECIAL SYSTEM PLAN - SECOND FLOOR ELEVATOR

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



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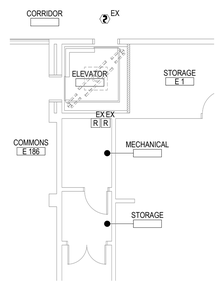

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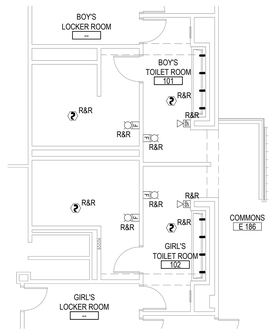

PROPOSED SPECIAL SYSTEM PLAN - FIRST FLOOR TOILER ROOMS

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

SPECIAL SYSTEM SYMBOL LEGEND

SYMBOL	
(2)	ADDRESSABLE PHOTOELECTRIC SMOKE DETECTION DEVICE. MATCH EXISTING.
(1)	HEAT DETECTOR WITH BASE.
F	WALL MOUNT FIRE ALARM STROBE NOTIFICATION DEVICE.
F	WALL MOUNT FIRE ALARM HORN / STROBE NOTIFICATION DEVICE.
R	FIRE ALARM CONTROL RELAY.
SP	CEILING MOUNT SPEAKER WITH 2' X 2' GRILLE.
	WALL MOUNT CLOCK.
SS	SECURITY SENSOR.

SPECIAL SYSTEM CONSTRUCTION NOTES

1. CONTRACTOR SHALL EXTEND THE EXISTING FIRE ALARM SYSTEM TO PROVIDE COVERAGE FOR THE NEW DEVICES ADD AREAS AND INTEGRATE THEM INTO THE EXISTING SYSTEM. ALL DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS. THE EXISTING FIRE ALARM CONTROL PANEL 'SIEMENS' 'FIREFINDER-XLS' LOCATED AT MIDDLE SCHOOL MAIN OFFICE. UPGRADE ANNUNCIATOR PANEL IN VARIOUS LOCATION AND PROVIDE NEW SHATTERPROOF FRAMED SCHOOL GRAPHIC PAPER MAP. CONTRACTOR SHALL FIELD VERIFY EXISTING FIRE ALARM CONTROL PANEL AND CONFIRM THERE ARE NO TROUBLE CODES BEFORE STARTING ANY WORK, NOTIFY ARCHITECT/CM IF THERE ARE PROBLEM. THE CONTRACTOR SHALL PROVIDE THE ITEMS ON THE DRAWING AND ALL RELATED EXPANSION, ADAPTIVE, POWER, AND CONNECTING WIRING AND DEVICES FOR A FULLY FUNCTIONING SYSTEM. WIRING IN DROP CEILINGS SHALL BE SUPPORTED EVERY 3 FEET, AND FROM BUILDING STEEL. ANY WIRING EXPOSED SHALL BE IN EMT. CONTRACTOR SHALL PROVIDE COMPLETE SYSTEM SHOP DRAWINGS WHICH INDICATE SPEAKER TAP SETTINGS THAT COMPLY WITH THE REQUIREMENTS OF NFPA 72 REGARDING AUDIBILITY AND INTELLIGIBILITY. A NYS LICENSED PE/RA MUST BE RESPONSIBLE AND A STAMPED/SIGNED DESIGN MUST BE PROVIDED.
2. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND APPROVALS FOR THIS PROJECT AND PAY RELATED FEES.
3. WIRE EXISTING RELAYS, FIRST FLOOR CORRIDOR SMOKE DETECTOR AND SECOND FLOOR CORRIDOR SMOKE DETECTOR FRONT ELEVATOR DOORS TO NEW ELEVATOR CONTROLLER, PROVIDE NEW RELAY AS REQUIRE.
4. ALL WIRES SHALL BE AS SPECIFIED BY EXISTING FIRE ALARM MANUFACTURE AND PLENUM RATED.
5. ALL WORK SHALL BE IN ACCORDANCE EXISTING FIRE ALARM SPECIFICATIONS, LATEST EDITION OF NEC, ANY LOCAL, STATE CODES, AND ENGINEERING SPECIFICATIONS.
6. CONTRACTOR SHALL PROVIDE ANY ADDITIONAL EQUIPMENT NEEDED TO HAVE A COMPLETE AND OPERATIONAL SYSTEM.
7. PROVIDE AS-BUILT DRAWINGS AND COPY OF UPDATED SITE SPECIFIC SYSTEM SOFTWARE INCLUDING PASSWORDS TO THE OWNER AT NO ADDITIONAL CHARGE.
8. WHERE NOT EXISTING, PROVIDE SYSTEM RECORD DOCUMENT CABINET ADJACENT TO FACP TO HOUSE SYSTEM RECORD DOCUMENTS AND ELECTRONIC MEDIA AS PER NFPA 72 AND PROJECT SPECIFICATIONS. PROVIDE LOCKING CABINET BY SPACE AGE ELECTRONICS #SU00691 W/ LOCK OR EQUAL.
9. THE ELECTRICAL CONTRACTOR SHALL SUBMIT COMPLETED NFPA 72 "SYSTEM RECORD OF COMPLETION" FORMS PLUS ANY APPLICABLE SUPPLEMENT DOCUMENTS WITH REGARD TO SYSTEM MODIFICATIONS AS PART OF PROJECT CLOSEOUT DOCUMENTS PRIOR TO APPLICATION FOR FINAL PAYMENT. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
10. WIRE EXISTING PUBLIC ADDRESS SYSTEM CEILING MOUNT SPEAKERS WITH 2' X 2' GRILLE AS INDICATED LOCATION ON DRAWING, PROVIDE NEW WIRING AS REQUIRE.
11. ALL WORK SHALL BE IN ACCORDANCE EXISTING PUBLIC ADDRESS SYSTEM SPECIFICATIONS, LATEST EDITION OF NEC, ANY LOCAL, STATE CODES, AND ENGINEERING SPECIFICATIONS.
12. ALL WIRES SHALL BE AS SPECIFIED BY EXISTING PUBLIC ADDRESS SYSTEM AND PLENUM RATED.
13. CONTRACTOR SHALL PROVIDE ANY ADDITIONAL EQUIPMENT NEEDED TO HAVE A COMPLETE AND OPERATIONAL SYSTEM.
14. CONTRACTOR SHALL INSTALL EXISTING CLOCKS AS INDICATED ON DRAWING, PROVIDE NEW AS REQUIRE. VERIFY WITH OWNER FOR ADDITIONAL NEEDED.
15. EACH PRIME CONTRACTOR IS RESPONSIBLE FOR THE PREPARATION OF JOINTLY PRODUCED COORDINATION DRAWINGS - NO EXCEPTIONS - REFER TO THE SPECIAL PROVISIONS OF THE CONTRACT FOR ALL CONTRACTUAL REQUIREMENTS SPECIFIC TO THE COORDINATION OF EACH TRADES WORK WITH ALL OTHER CONTRACTORS.

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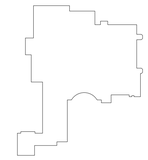

KEY PLAN

NOT TO SCALE

PROJECT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE: ELECTRICAL
PROPOSED SPECIAL SYSTEM PLAN

DRAWING BY: LW
CHECK BY: ---

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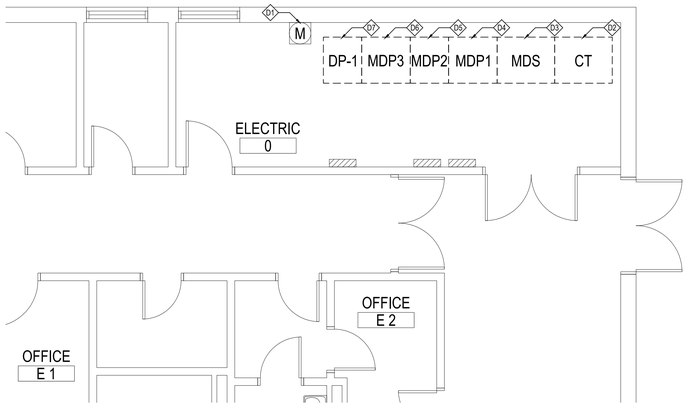
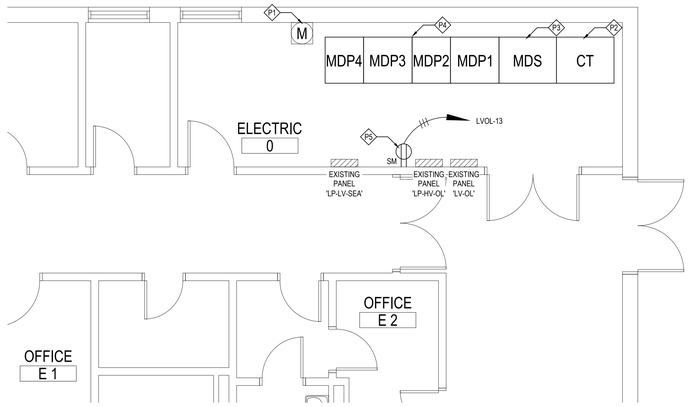


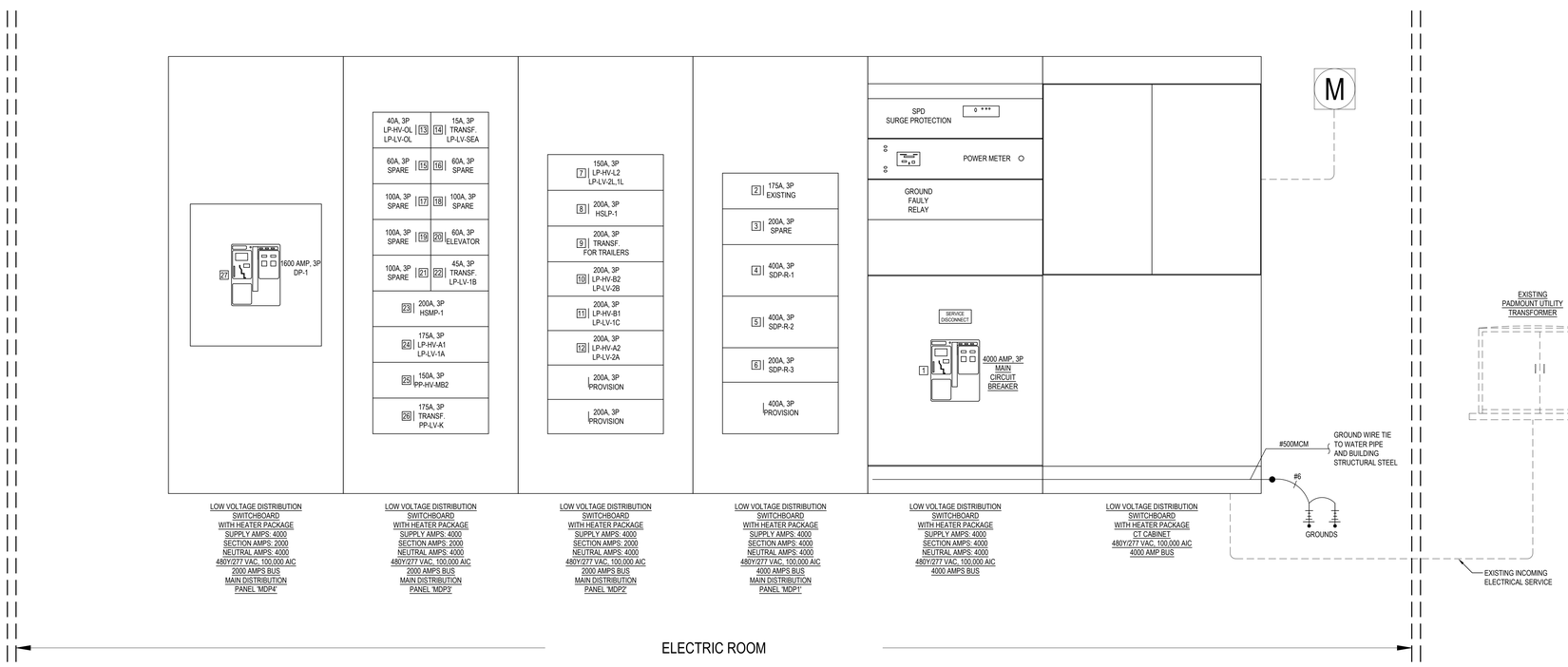
ELECTRICAL DEMOLITION PLAN - ELECTRIC ROOM

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



ELECTRICAL PROPOSED PLAN - ELECTRIC ROOM

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



RISER DIGRAM

SCALE: NTS

NOTE:

1. DASHED LINES INDICATE EXISTING EQUIPMENT TO REMAIN UNLESS INDICATED OTHERWISE. SOLID LINES INDICATE NEW EQUIPMENT TO BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. THE SPECIAL/SPECIFIC ITEMS SHOWN ON THE DRAWING FOR THE CONTRACTOR TO ACT ON WERE FOUND BY SURVEY. FIELD VERIFY AVAILABILITY OF EXISTING EQUIPMENT SHOWN IN THIS DRAWING, CONTACT THE ENGINEER FOR ALTERNATE OPTIONS IN CASE OF ANY DISCREPANCY. THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR THIS IN HIS BID PRICE.

2. EXISTING MAIN DISTRIBUTION PANELS ARE WITH FUSIBLE PANEL MOUNT SWITCHES. CONTRACTOR SHALL FIELD VERIFY NEW BRANCH CIRCUIT BREAKER SIZE (THE SIZES WERE ACCORDING TO EXISTING DRAWINGS) IN NEW MAIN DISTRIBUTION PANELS. PROVIDE AND INSTALL NEW SIZE OF CIRCUIT BREAKERS AS REQUIRE.

3. CONTRACTOR SHALL PIECE OUT EXISTING WIRES TO NEW CONNECTION AS REQUIRED USING DOUBLE INDENT HYDRAULIC CONNECTORS (SPLIT BOLT OR BUG NUT ARE DISALLOWED).

4. THE DISTRIBUTION PANEL SCHEDULES AND NAME TAGS SHOWN ON DRAWING ARE ACCORDING TO EXISTING, FIELD VERIFY AND TONE OUT AND IDENTIFY ALL EXISTING CIRCUITS WITH AND WITHOUT IDENTIFICATION. PROVIDE AND INSTALL NEW PRINT NAME TAGS FOR NEW DISTRIBUTION PANELS AND CIRCUIT BREAKERS. PROVIDE AND INSTALL NEW PRINT TAG '277/480 VOLTS' ON EVERY SECTION OF SWITCHGEAR. HAND WRITING NOT ALLOWED. FURNISH A SIGN "SERVICE DISCONNECT" AT MAIN CIRCUIT BREAKER.

ELECTRICAL SERVICE NOTES

1. THIS PROJECT HAS BEEN APPLIED TO UTILITY COMPANY 'Con Edison'.
   Con Edison CASE NUMBER IS: MC-845288.
2. THE REQUIREMENTS OF THE LATEST EDITIONS OF Con EdisonS "A CUSTOMER GUIDE TO ELECTRIC SERVICE INSTALLATION" (AKA 'ELECTRICBLUEBOOK') SHALL BE CONSIDERED PART OF THE PROJECT SPECIFICATIONS. OBTAIN FREE DOWNLOAD AT WWW.CONED.COM WEBSITE.
3. THE PROJECT ARE INVOLVING WITH BUILDING MAIN DISTRIBUTION PANELS. DURING POWER OUTAGE, CONTRACTOR SHALL PROVIDE TEMPORARY POWER SOURCE TO KEEP INCLUDE BUT NOT LIMIT BUILDING FIRE ALARM SYSTEM, SECURITY SYSTEM, DATA RACK, ETC. AND PROVIDE TEMPORARY POWER TO KITCHEN REFRIGERATORS AND FREEZERS.

DEMOLITION KEYED NOTES

- D1 EXISTING METER. COORDINATE WITH UTILITY COMPANY (Con Edison), PROVIDE AND INSTALL NEW METER ASSOCIATED EQUIPMENT AS REQUIRE, NEW METER BY UTILITY COMPANY. EXISTING EXTERIOR PAD MOUNTED UTILITY TRANSFORMER TO REMAIN.
- D2 DE-ENERGIZED EXISTING 265/460 VOLTS CT CABINET FOR REMOVAL. PROTECT EXISTING SECONDARY WIRING FROM PAD MOUNTED TRANSFORMER FOR FUTURE CONNECTION. PROTECT EXISTING WIRING TO UTILITY METER, PROVIDE NEW AS REQUIRE. FIELD VERIFY EXISTING CABLE LIMITER LUGS, PROVIDE NEW AS REQUIRE. CONTACT WITH UTILITY COMPANY "Con Edison" FOR THE WORK.
- D3 EXISTING 480 VOLTS, 4000 AMP, 3 POLE MAIN SERVICE DISCONNECT SWITCH TO BE DE-ENERGIZED AND REMOVED.
- D4 EXISTING 277/480 VOLTS, 4000 AMP MAIN DISTRIBUTION PANEL SECTION 1 (MDP1) WITH (1) 200 AMP, 3 POLE, 175 AMP FUSED, (1) 200 AMP, 3 POLE SPARE, (2) 600 AMP, 3 POLE, 400 AMP FUSED AND (1) 600 AMP, 3 POLE, 150 AMP FUSED FUSIBLE PANEL MOUNT SWITCHES TO BE DE-ENERGIZED AND REMOVED. EXISTING BUS TAP FOR SUB-DISTRIBUTION PANEL 'DP-1' 1600 AMP, 3 POLE MAIN SERVICE CIRCUIT BREAKER INCLUDE WIRING TO BE REMOVED. PROTECT EXISTING BRANCH WIRING FOR FUTURE CONNECTION.
- D5 EXISTING 277/480 VOLTS, 2000 AMP MAIN DISTRIBUTION PANEL SECTION 2 (MDP2) WITH (1) 200 AMP, 3 POLE, 150 AMP FUSED, (2) 200 AMP, 3 POLE, 200 AMP FUSED AND (3) 400 AMP, 3 POLE, 200 AMP FUSED FUSIBLE PANEL MOUNT SWITCHES TO BE DE-ENERGIZED AND REMOVED. PROTECT EXISTING BRANCH WIRING FOR FUTURE CONNECTION.
- D6 EXISTING 277/480 VOLTS, 1000 AMP MAIN DISTRIBUTION PANEL SECTION 3 (MDP3) WITH (1) 60 AMP, 3 POLE, 40 AMP FUSED, (1) 60 AMP, 3 POLE, 15 AMP FUSED, (2) 60 AMP, 3 POLE SPARES, (4) 100 AMP, 3 POLE SPARES, (1) 100 AMP, 3 POLE, 60 AMP FUSED, (1) 100 AMP, 3 POLE, 45 AMP FUSED, (1) 200 AMP, 3 POLE, 200 AMP FUSED, (2) 200 AMP, 3 POLE, 175 AMP FUSED AND (1) 200 AMP, 3 POLE, 150 AMP FUSED FUSIBLE PANEL MOUNT SWITCHES TO BE DE-ENERGIZED AND REMOVED. PROTECT EXISTING BRANCH WIRING AND PULL BOX FOR FUTURE CONNECTION.
- D7 EXISTING 277/480 VOLTS, 1600 AMP, 3 POLE MAIN SERVICE CIRCUIT BREAKER FOR EXISTING DISTRIBUTION PANEL 'DP-1' TO BE DE-ENERGIZED AND REMOVED. PROTECT EXISTING BRANCH WIRING FOR FUTURE CONNECTION.

PROPOSED KEYED NOTES

- P1 UTILITY ELECTRIC METER.
- P2 NEW "Con Edison" COMPLIANT 600 VAC, MINIMUM 100,000 AMP SYMMETRICAL INTERRUPTING RATING, 4000 AMP CT CABINET. TRAIN AND TERMINATE EXISTING SECONDARY WIRING WITH CABLE LIMITER LUGS FROM PAD MOUNTED TRANSFORMER TO NEW BUSES. WIRE UTILITY METER, PROVIDE NEW WIRING AS REQUIRE. CONTACT WITH UTILITY COMPANY "Con Edison" FOR THE WORK.
- P3 NEW 480 VOLTS, MINIMUM 100,000 AMP SYMMETRICAL INTERRUPTING RATING, 4000 AMP, 3 POLE MAIN SERVICE DISCONNECT SWITCH.
- P4 NEW 480Y/277 VAC, MINIMUM 100,000 AMP SYMMETRICAL INTERRUPTING RATING, 3 PHASE, 4 WIRE, 4000 AMP; NEMA 1, FOUR SECTIONS MAIN DISTRIBUTION PANELS. SEE IN THE DRAWING RISER DIAGRAM FOR MORE INFORMATION. TRAIN AND TERMINATE EXISTING MAIN DISTRIBUTION PANELS BRANCH WIRING WITH MATCH EXTEND WIRES (REMOVE ANY WIRING VIOLATIONS) AND CONDUITS TO NEW MAIN DISTRIBUTION PANELS NEW LIKE CIRCUIT BREAKERS.
- P5 PROVIDE AND INSTALL SURFACE MOUNT TAMPER-RESISTANT DUPLEX ELECTRICAL OUTLET FOR CONVENIENCE POWER WITH CHROME PLATED STEEL FACEPLATE, NEMA 5-20R. DR20WHITR BY 'HUBBELL'. WIRE TO EXISTING PANEL 'LV-OL' SPARE 20 AMP, 1 POLE CIRCUIT BREAKER WITH 3 #12 IN 3/4"C.

POWER CONSTRUCTION NOTES

1. THE WIRES ARE 2 #12 + 1 #12(G) IN 3/4"C UNLESS INDICATED OTHERWISE. NEW CIRCUIT BREAKERS INSTALLED IN EXISTING PANELBOARD(S) SHALL BE LISTED/LABELED FOR USE WITH THE EXISTING PANELBOARD(S). MATCH AIC RATING.
2. THE MOUNTING HEIGHT OF THE RECEPTACLES IS 18" ABOVE FINISHED FLOOR UNLESS INDICATED ON THE DRAWING.
3. COLOR, TYPE & FINISH OF ALL RECEPTACLES, DEVICES & FACE PLATES SHALL BE AS APPROVED BY ENGINEER AND ARCHITECT.
4. ELECTRICAL CONTRACTOR SHALL REFER TO ALL FURNITURE DRAWINGS BEFORE INSTALLING RECEPTACLES.
5. SEE MECHANICAL AND PLUMBING DRAWINGS FOR MECHANICAL AND PLUMBING EQUIPMENT DETAILS AND NOTES.
6. ELECTRICAL CONTRACTOR SHALL CONNECT ALL ELECTRICAL OPERATED MECHANICAL EQUIPMENT VIA STARTERS, VARIABLE FREQUENCY DRIVE (VFD), DISCONNECT, HEATERS, ETC. PROVIDE BY MECHANICAL CONTRACTOR. COOPERATE WITH MECHANICAL CONTRACTOR AND FIELD VERIFY ALL DEVICES LOCATION.
7. EACH PRIME CONTRACTOR IS RESPONSIBLE FOR THE PREPARATION OF JOINTLY PRODUCED COORDINATION DRAWINGS - NO EXCEPTIONS - REFER TO THE SPECIAL PROVISIONS OF THE CONTRACT FOR ALL CONTRACTUAL REQUIREMENTS SPECIFIC TO THE COORDINATION OF EACH TRADES WORK WITH ALL OTHER CONTRACTORS.

REV.	DATE	ITEM
01	01/20/26	BID ADD. NO. 02

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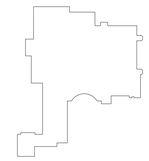

KEY PLAN

NOT TO SCALE

PROJECT

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE

ELECTRICAL
ELECTRIC ROOM AND RISER DIAGRAM PLAN

DRAWING BY: LW

CHECK BY: ...

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BBS
ARCHITECTS
LANDSCAPE ARCHITECTS
ENGINEERS

244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

187 WOLF ROAD, STE. 205
ALBANY
NEW YORK 12205
T. 518.621.7650
F. 518.621.7655

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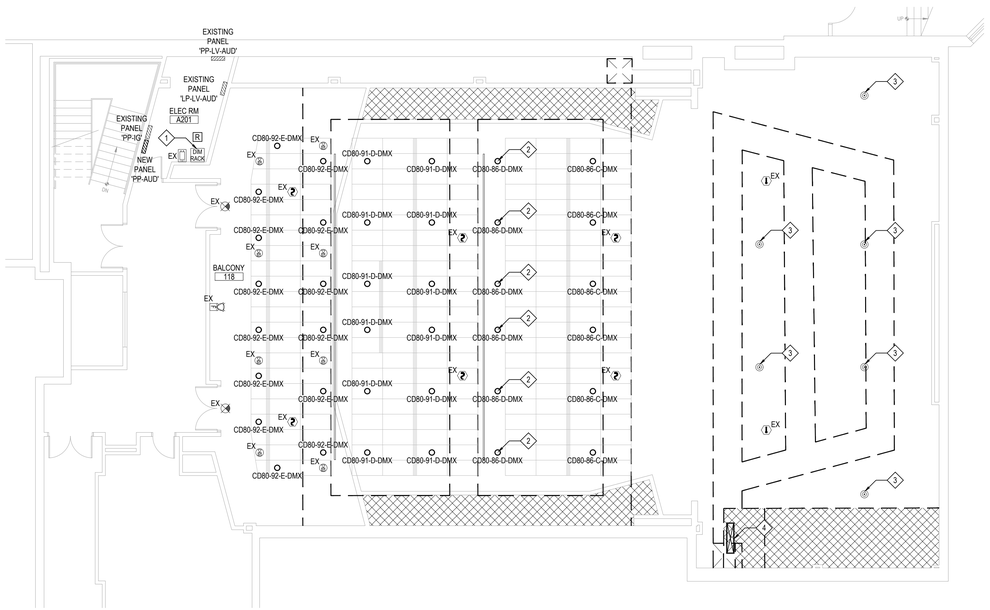
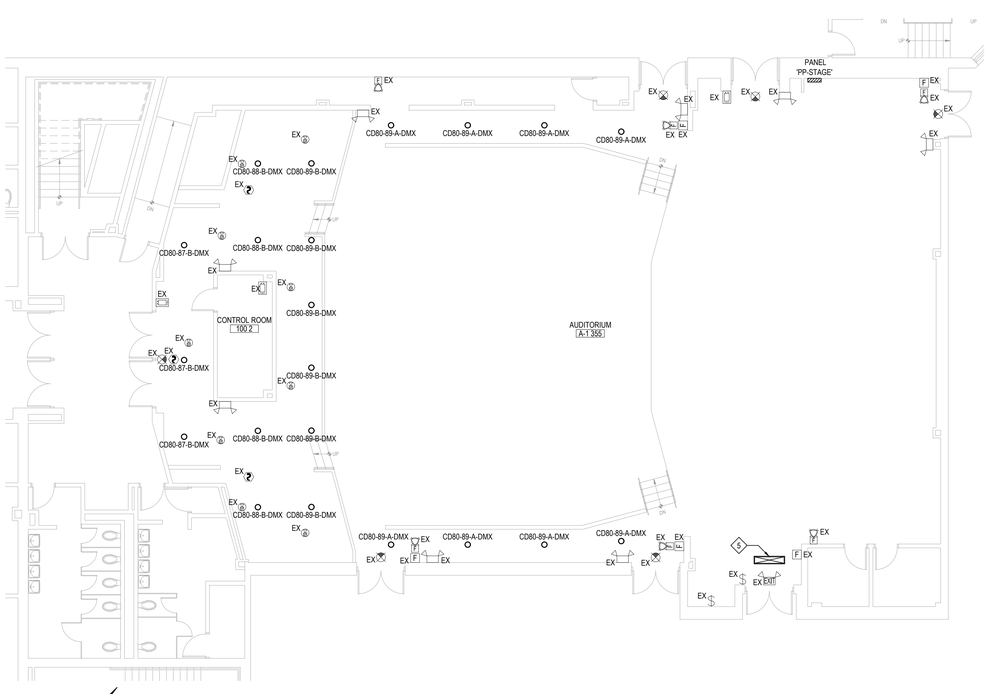
SED No.	66-19-05-02-0-002-022
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	ELECTRICAL ELECTRIC ROOM & RISER PLAN
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142a

E6.01



PROPOSED PLAN - UPPER AUDITORIUM

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



PROPOSED PLAN - AUDITORIUM

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

LIGHTING LEGEND

TYPE	SYMBOL	DESCRIPTION
A		RECESSED LED DOWN LIGHTING FIXTURE. ZN-75-30-70-D-B-M-7-N-I-HEX WITH 76.2 WATTS OUTPUT LED LAMPS, ELECTRICAL DRIVER AND CEILING RECESSED MOUNTING COMPLETE KIT BY 'AQUARII'.
B		RECESSED LED DOWN LIGHTING FIXTURE. ZN-75-30-110-D-B-M-7-N-I-HEX WITH 74.8 WATTS OUTPUT LED LAMPS, ELECTRICAL DRIVER AND CEILING RECESSED MOUNTING COMPLETE KIT BY 'AQUARII'.
C		RECESSED LED DOWN LIGHTING FIXTURE. ZN-75-30-36-D-B-M-7-N-I-HEX WITH 75.7 WATTS OUTPUT LED LAMPS, ELECTRICAL DRIVER AND CEILING RECESSED MOUNTING COMPLETE KIT BY 'AQUARII'.
D		PENDANT LED DOWN LIGHTING FIXTURE. ZN-50-30-70-D-B-M-4 (4')-N-I-HEX WITH 52.2 WATTS OUTPUT LED LAMPS, ELECTRICAL DRIVER AND CEILING RECESSED MOUNTING COMPLETE KIT BY 'AQUARII'.
E		RECESSED LED DOWN LIGHTING FIXTURE. ZN-50-30-70-D-B-M-7-N-I-HEX WITH 52.2 WATTS OUTPUT LED LAMPS, ELECTRICAL DRIVER AND CEILING RECESSED MOUNTING COMPLETE KIT BY 'AQUARII'.
G		SURFACE CEILING MOUNT 4' LED LIGHTING FIXTURE. SDL4-LED-40L-FL-UNV-DIM1-35-80CRI-GRD HGR WITH 30 WATTS OUTPUT LED LAMP AND 0-10V DIMMING DRIVER BY 'LSI INDUSTRIES INC..
G1		PENDANT MOUNT 4' LED LIGHTING FIXTURE. SDL4-LED-40L-FL-UNV-DIM1-35-80CRI-GRD HGR WITH 30 WATTS OUTPUT LED LAMP AND 0-10V DIMMING DRIVER BY 'LSI INDUSTRIES INC..
		EXISTING PENDANT MOUNT LIGHTING FIXTURE WITH ENERGY EFFICIENT LED LIGHT ENGINE RETROFIT KIT. RETRO-PASSIVE 2.0 500 WITH E26 BASE, 3000K, NO LENSES, 00-P2-120-500-3K-E26-59 BY 'CANTO USA'.
		EXISTING EXIT SIGN.
	EXIT	EXISTING EXIT SIGN/EMERGENCY COMBO.
		EXISTING EMERGENCY WALL PACK LIGHTING FIXTURE.
		PANEL.
	AUDIT RACK	AUDITORIUM LIGHTING CONTROL RACK.
	T	TOUCH SCREEN WALL STATION.
	?	SMOKE DETECTOR WITH BASE.
	1	HEAT DETECTOR WITH BASE.
	F	WALL MOUNT FIRE ALARM HORN / STROBE NOTIFICATION DEVICE.
	F	PULL STATION.
	M	CEILING MOUNT PUBLIC ADDRESS SYSTEM SPEAKER.

LIGHTING WIRING LEGEND

SYMBOL	
CD80-86-A-DMX	LIGHT FIXTURE WIRING FORMAT: "PANEL NAME"-"CKT BRK NUMBER"-"FIXTURE TYPE"-"SWITCH LETTER" "CD80" "86" "A" "DMX" INV1 = FIXTURE BACK UP BY INVERTER DMX = DIGITAL MULTIPLEX CONTROL NL = FIXTURE TO BE WIRED DIRECTLY TO CIRCUIT, BYPASSING ALL CONTROLS Z1 = ZONE 1 OF ROOM CONTROLLER DIM = DIMMER RACK CONTROL PC = PHOTOCELL TC = TIME CLOCK LCP = LIGHTING CONTROL PANEL EX = EXISTING PANEL, EXISTING CKT BRK, EXISTING FIXTURE TYPE

DRAWING KEYED NOTES

1. EXISTING 'STRAND' CD80 SUPERVISOR DIMMER RACK WITH NEW NON-DIM POWER MODULES. SEE DRAWING E6.04 FOR AUDITORIUM THEATRICAL LIGHTING CONTROL RISER FOR MORE INFORMATION. PROVIDE AND INSTALL FIRE ALARM RELAY FOR AUDITORIUM LIGHTING CONTROL SYSTEM.
2. PROVIDE AND INSTALL ALL SUPPLEMENTAL STEEL ASSOCIATED WITH MOUNTING FIXTURE ON AUDITORIUM ABOVE CEILING BUILDING STRUCTURE. FIELD VERIFY FIXTURE MOUNTING LENGTH. PROVIDE AND INSTALL FIXTURE MOUNTING KIT TO PREVENT SWING.
3. STAGE PENDANT LIGHTING FIXTURES TO BE RETROFITTED WITH LED RETROFIT KITS. CONTRACTOR SHALL FIELD VERIFY EXISTING, ANY DISCREPANCY SHALL BE BROUGHT TO ARCHITECT / ENGINEERS ATTENTION BEFORE BID SUBMITTAL.
4. WIRE PENDANT 4' LIGHTING FIXTURE TO EXISTING LIGHTING CIRCUIT AND CONTROL.
5. WIRE SURFACE CEILING MOUNT 4' LIGHTING FIXTURE TO EXISTING LIGHTING CIRCUIT AND CONTROL.

LIGHTING CONSTRUCTION NOTES

1. THE WIRES ARE 2 #12 + 1 #12(G) IN 3/4"C UNLESS INDICATED OTHERWISE. SEE DRAWING E6.03 AND E6.04 FOR LIGHTING CONTROL DEVICE LOCATIONS AND WIRING DIAGRAMS.
2. ALL FIXTURES SHALL BE WIRED TO BE INDEPENDENT FROM ONE ANOTHER, I.E. NO DAISY CHAIN WIRING AND FIXTURE SHALL NOT BE UTILIZED AS A RACEWAY. CIRCUIT NUMBERS ARE REFERENCING EXISTING DRAWINGS, FIELD VERIFY TO CONFIRM.
3. CONTRACTOR SHALL PROVIDE, INSTALL AND WIRE AUDITORIUM THEATRICAL EQUIPMENT AS SHOWN. CONTRACTOR SHALL PROVIDE AND INSTALL DMX CABLES FOR AUDITORIUM NEW HOUSE RECESSED LED LIGHTS.
4. GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL NEW MATCH CEILING TILES, COLOR BLACK, FOR AUDITORIUM DAMAGED CEILING TILES.
5. CONTRACTOR SHALL PROVIDE AND INSTALL ALL ELECTRICAL LIGHTING FIXTURES AND ASSOCIATED COMPONENTS AND WIRING AS SHOWN ON ELECTRICAL DRAWINGS UNLESS NOTED OTHERWISE.
6. EACH PRIME CONTRACTOR IS RESPONSIBLE FOR THE PREPARATION OF JOINTLY PRODUCED COORDINATION DRAWINGS - NO EXCEPTIONS - REFER TO THE SPECIAL PROVISIONS OF THE CONTRACT FOR ALL CONTRACTUAL REQUIREMENTS SPECIFIC TO THE COORDINATION OF EACH TRADES WORK WITH ALL OTHER CONTRACTORS.

REV.	DATE	ITEM
01	01/16/26	BID ADD. NO. 02

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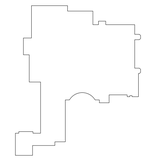

KEY PLAN

NOT TO SCALE

PROJECT

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE

ELECTRICAL
PROPOSED PLAN - AUDITORIUM

DRAWING BY: LW

CHECK BY: - - -

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ENGINEERS

244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

187 WOLF ROAD, STE. 205
ALBANY
NEW YORK 12205
T. 518.621.7650
F. 518.621.7655

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SED No.	66-19-05-02-0-002-022
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	ELECTRICAL PROPOSED PLAN
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142a

E6.02

POWER CONSTRUCTION NOTES

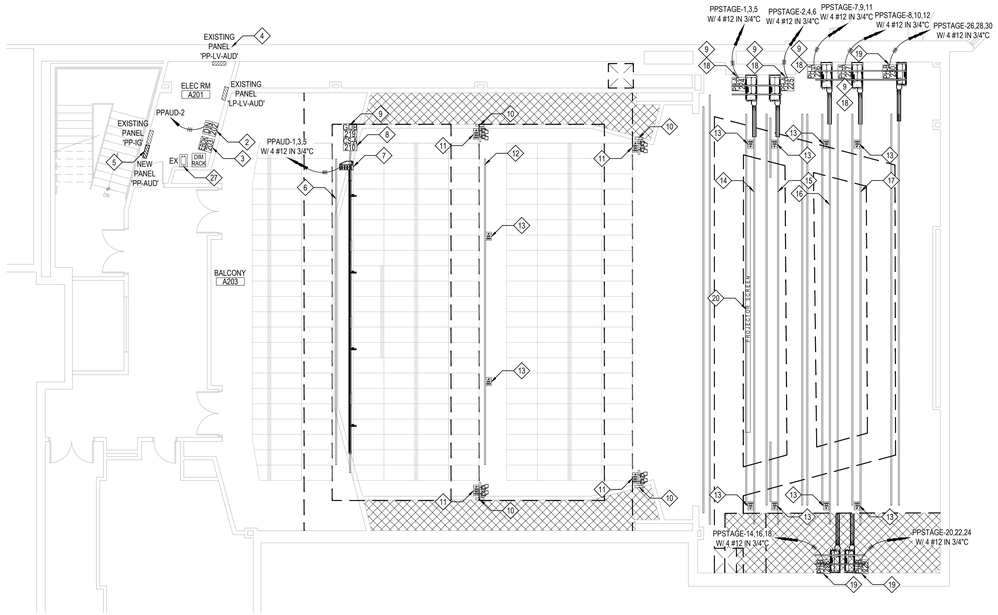
1. THE WIRES ARE 2 #12 + 1 #12(G) IN 3/4"C UNLESS INDICATED OTHERWISE. NEW CIRCUIT BREAKERS INSTALLED IN EXISTING PANELBOARD(S) SHALL BE LISTED/LABELED FOR USE WITH THE EXISTING PANELBOARD(S). MATCH AIC RATING.
2. SEE DRAWING E6.04 FOR MORE INFORMATION AND DETAILS.
3. EACH PRIME CONTRACTOR IS RESPONSIBLE FOR THE PREPARATION OF JOINTLY PRODUCED COORDINATION DRAWINGS - NO EXCEPTIONS - REFER TO THE SPECIAL PROVISIONS OF THE CONTRACT FOR ALL CONTRACTUAL REQUIREMENTS SPECIFIC TO THE COORDINATION OF EACH TRADES WORK WITH ALL OTHER CONTRACTORS.

FOH AND STAGE MOTORIZED HOISTS CONSTRUCTION NOTES

1. GENERAL CONTRACTOR TO SUPPLY AND INSTALL ALL SUPPLEMENTAL STEEL ASSOCIATED WITH THE MOTORIZED HOISTS. ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL MOTORIZED HOISTS. INSTALL ANY ADDITIONAL SUPPLEMENTAL STEEL, AS REQUIRED, FOR A COMPLETE AND OPERATIONAL SYSTEM.

LIGHTING DEVICE SCHEDULE

BOX NUMBER	DEVICE	DESCRIPTION	MOUNTING
101 THRU 102	PS-A	NET PLUG-IN STATION	SURFACE
103	RC	RIGGING CONTROLLER	SURFACE
104 THRU 105	EST	E-STOP BUTTON	SURFACE
106	CON	ETC IOPN XE 20 W/ (2) 24" LCD TOUCHSCREENS	----
201	RP	EXISTING STRAND CD-80 RACK	SURFACE
202	DIN	DIN-RAIL ENCLOSURE	SURFACE
203	EBDK	EMERGENCY BYPASS DETECTION KIT	SURFACE
204 THRU 209	OB-A	OUTLET BOX W/ (2) DUPLEX EDISON & (1) DMX OUT	PIPE
210	CS-A	FOH CONNECTOR STRIP	PIPE
211, 213, 215, 217	OB-B	SR OUTLET BOX W/ (2) DUPLEX EDISON & (1) DMX OUT	PIPE
212, 214, 216, 218	OB-C	SL OUTLET BOX W/ (2) DUPLEX EDISON	PIPE
219 THRU 223	GJB	GRID IRON JUNCTION BOX	SURFACE
224 THRU 227	PH-A	ONSTAGE ELECTRIC HOIST	SURFACE
228 THRU 230	PH-B	GENERAL PURPOSE HOIST	SURFACE



PROPOSED PLAN - UPPER AUDITORIUM

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

PANEL BOARD — PP-STAGE

FULLY RATED

LOCATION: STAGE

TYPE: --- BRANCH BREAKERS: BOLT-ON NO. OF POLES: 30 POLES BUS SIZE: 100A

MIN AIC RATING (KA): 22 NEUTRAL: 100A (100%) MAIN CIRCUIT BREAKER: MLO

MAIN LUGS: EXISTING VOLTS: 208Y/120V PHASE: 3P, 4W CYCLE: 60

MOUNTING: SURFACE ENCL. TYPE: NEMA 1 DOOR REQ'D: DOOR IN DOOR

CKT. #	DESIGNATION	WIRE SIZE	CKT. BRKR.	LOAD A	LOAD B	LOAD C	CKT. BRKR.	WIRE SIZE	DESIGNATION	CKT. #
1	1st ELECTRIC MOTORIZED HOIST	#12	20				20	#12	2nd ELECTRIC MOTORIZED HOIST	2
3		#12						#12		4
5		#12						#12		6
7	3rd ELECTRIC MOTORIZED HOIST	#12	20				20	#12	4th ELECTRIC MOTORIZED HOIST	8
9		#12						#12		10
11		#12						#12		12
13	STAGE RECEPTACLE	EX	20				20	#12	GENERAL PURPOSE HOIST	14
15	STAGE RECEPTACLE	EX	20					#12		16
17	STAGE RECEPTACLE	EX	20					#12		18
19	STAGE RECEPTACLE	EX	20				20	#12	GENERAL PURPOSE HOIST	20
21	CATWALK RECEPTACLE	EX	20					#12		22
23	STAGE RECEPTACLE	EX	20					#12		24
25	RIGGING CONTROLLER	#12	20				20	#12	GENERAL PURPOSE HOIST	26
27	SPACE							#12		28
29	SPACE							#12		30

PANEL BOARD — PP-AUD

FULLY RATED

LOCATION: MECH EQUIP ROOM 129

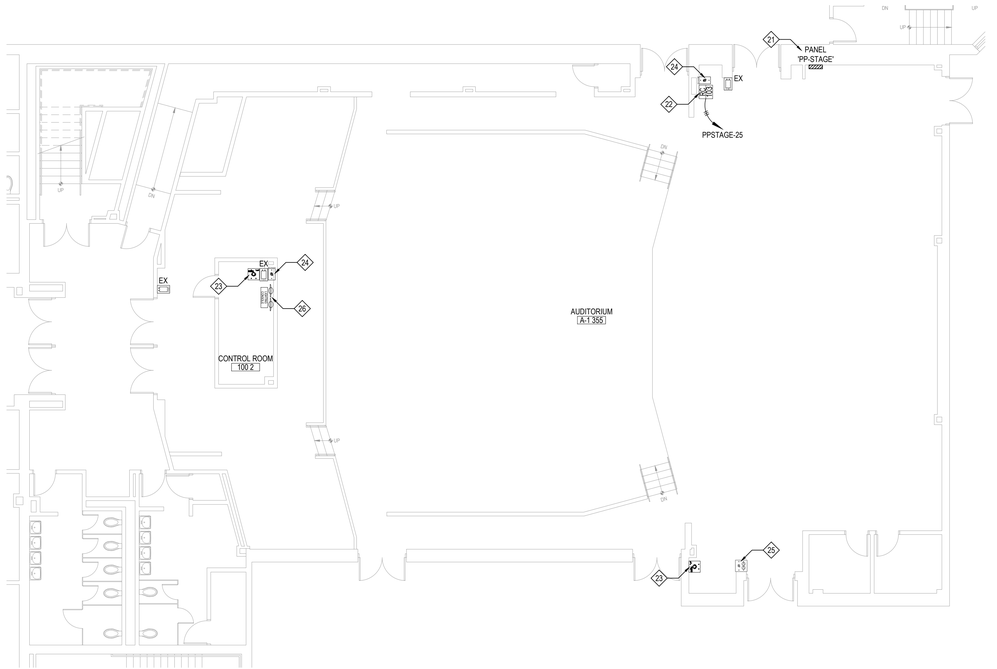
TYPE: --- BRANCH BREAKERS: BOLT-ON NO. OF POLES: 30 POLES BUS SIZE: 100A

MIN AIC RATING (KA): 22 NEUTRAL: 100A (100%) MAIN CIRCUIT BREAKER: 100 AMP, 3P MCB

MAIN LUGS: 3 #3 + 1 #3(N) VOLTS: 208Y/120V PHASE: 3P, 4W CYCLE: 60

MOUNTING: SURFACE ENCL. TYPE: NEMA 1 DOOR REQ'D: DOOR IN DOOR

CKT. #	DESIGNATION	WIRE SIZE	CKT. BRKR.	LOAD A	LOAD B	LOAD C	CKT. BRKR.	WIRE SIZE	DESIGNATION	CKT. #
1	FOH MOTORIZED FLIGHT PIPE HOIST	#12	20				20	#12	DIN-RAIL ENCLOSURE	2
3		#12					20		SPARE	4
5		#12					20		SPARE	6
7	SPACE						20		SPARE	8
9	SPACE						20		SPARE	10
11	SPACE						20		SPARE	12
13	SPACE								SPACE	14
15	SPACE								SPACE	16
17	SPACE								SPACE	18
19	SPACE								SPACE	20
21	SPACE								SPACE	22
23	SPACE								SPACE	24
25	SPACE								SPACE	26
27	SPACE								SPACE	28
29	SPACE								SPACE	30



PROPOSED PLAN - AUDITORIUM

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

DRAWING KEYED NOTES

1. EXISTING FREESTANDING STRAND RACK. MODULE UPGRADE.
2. WALL MOUNT NETWORK DIN-RAIL ENCLOSURE. CONTAINS: NETWORK SWITCH, (2) 4-PORT GATEWAYS & DMX SCENE CONTROLLER, (3) 4-PORT OPTO-SPLITTERS.
3. EMERGENCY BYPASS DETECTION KIT.
4. EXISTING 208Y/120V AC, 600 AMP PANEL 'PP-LV-AUD'. PROVIDE AND INSTALL (1) 100 AMP, 3 POLE CIRCUIT BREAKER FOR NEW PANEL 'PP-AUD'. PROVIDE PRINT CIRCUIT BREAKER NAME TAG. HAND WRITING NOT ALLOWED.
5. PROVIDE AND INSTALL NEW SURFACE WALL MOUNT 208/120V AC, 100 AMP, MINIMUM 22,000 AMP SYMMETRICAL INTERRUPTING RATING, 3 PHASE, 4 WIRE, 100 AMP, 3 POLE MCB, NEMA 1, 30 POLE PANEL 'PP-AUD'. PROVIDE AND INSTALL CIRCUIT BREAKERS AS SHOWN. SEE DRAWING FOR PANEL SCHEDULE. WIRE TO EXISTING PANEL 'PP-LV-AUD' NEW 100 AMP, 3 POLE CIRCUIT BREAKER WITH 3 #3 + 1 #3(N) + 1 #8(G) IN 1-1/2"C. PROVIDE NEW PRINT PANEL SCHEDULE AND NAME TAGS. HAND WRITING DISALLOWED.
6. EXISTING AUDIO STATIC BACK FOH PIPE WITH NEW MOUNTING KITS AND EXISTING AUDITORIUM SOUND SYSTEM SPEAKERS.
7. NEW BACK FOH MOTORIZED FLIGHT PIPE HOIST.
8. FOH CONNECTOR STRIP.
9. GRID IRON JUNCTION BOX.
10. TORMENTOR BAR.
11. PIPE MOUNTING OUTLET BOX WITH (3) DUPLEX EDISON AND (1) DMX OUTPUT.
12. EXISTING STATIC MIDDLE FOH PIPE.
13. PIPE MOUNTING OUTLET BOX WITH (2) DUPLEX EDISON AND (1) DMX OUTPUT.
14. 1st ELECTRIC MOTORIZED HOIST.
15. 2nd ELECTRIC MOTORIZED HOIST.
16. 3rd ELECTRIC MOTORIZED HOIST.
17. 4th ELECTRIC MOTORIZED HOIST.
18. ONSTAGE CONNECTOR STRIP.
19. GENERAL PURPOSE HOIST.
20. EXISTING PROJECTOR SCREEN.
21. PROVIDE AND INSTALL NEW SURFACE MOUNTED 208Y/120V AC, 125 AMP, MINIMUM 22,000 AMP SYMMETRICAL INTERRUPTING RATING, 3 PHASE, 4 WIRE, MLO, NEMA 1, 30 POLE PANEL 'PP-STAGE' AT STAGE. TRAIN AND TERMINATE EXISTING POWER FEEDER WIRING WITH NEW MATCH WIRING TO NEW PANEL MAIN LUGS, TRAIN AND TERMINATE EXISTING BRANCH WIRING TO NEW LIKE CIRCUIT BREAKERS WITH NEW MATCH WIRING. PIECE OUT EXISTING WIRES TO PANEL AS REQUIRED USING DOUBLE INDENT HYDRAULIC CONNECTORS (SPLIT BOLT OR BUG NUT ARE DISALLOWED). SEE DRAWING FOR PANEL SCHEDULE. PROVIDE NEW PRINT PANEL SCHEDULE AND ADHESIVE NAME TAGS. HAND WRITING DISALLOWED.
22. WALL MOUNTING RIGGING CONTROLLER.
23. E-STOP BUTTON.
24. SURFACE MOUNT NET INPUT PLUG-IN STATION.
25. PROVIDE AND INSTALL ETC DMX OUT AND RECEPTACLE REMOTE PLUG-IN STATION, WIRE TO EXISTING DIMMER RACK WITH 3 #10 IN 3/4"C.
26. ETC ION XE 20 LIGHTING CONTROL CONSOLE WITH (2) 24" LCD TOUCHSCREENS.
27. WIRE EXISTING PRESIDOR TOUCH SCREEN WALL STATION TO NEW NETWORK DIN-RAIL ENCLOSURE.

REV.	DATE	ITEM

NOTICE

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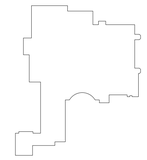

KEY PLAN

NOT TO SCALE

PROJECT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE: ELECTRICAL
PROPOSED PLAN - AUDITORIUM

DRAWING BY: LW

CHECK BY: ---

NOTICE

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ENGINEERS

244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

187 WOLF ROAD, STE. 205
ALBANY
NEW YORK 12205
T. 518.621.7650
F. 518.621.7655

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SED No.: 66-19-05-02-0-002-022

DISTRICT: BLIND BROOK UNION FREE SCHOOL DISTRICT

PROJECT: PHASE 3 - BOND IMPROVEMENTS

DWG TITLE: ELECTRICAL PROPOSED PLAN

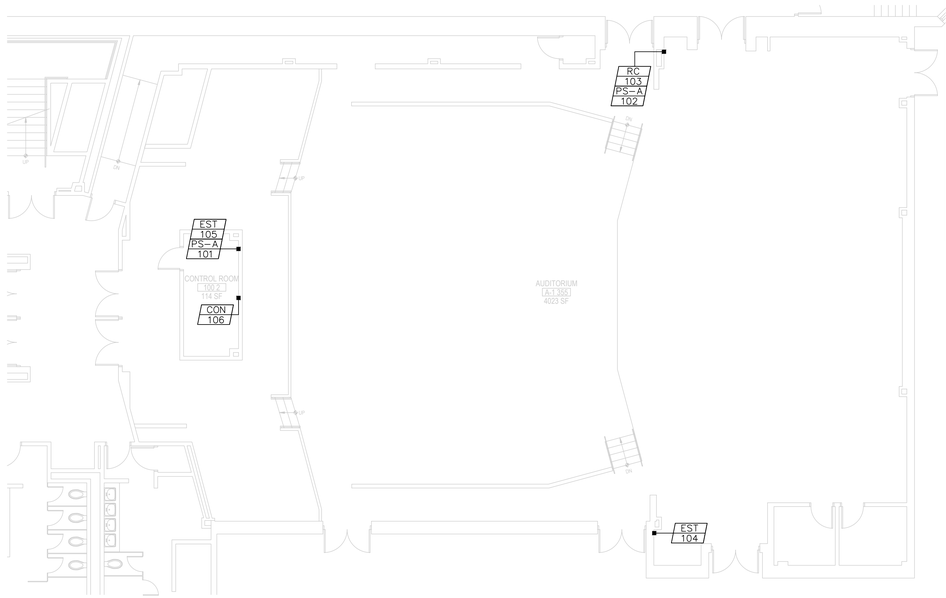
SCALE: AS NOTED

DATE: AUGUST 2025

BID PICK-UP:

FILE No: 25-142a

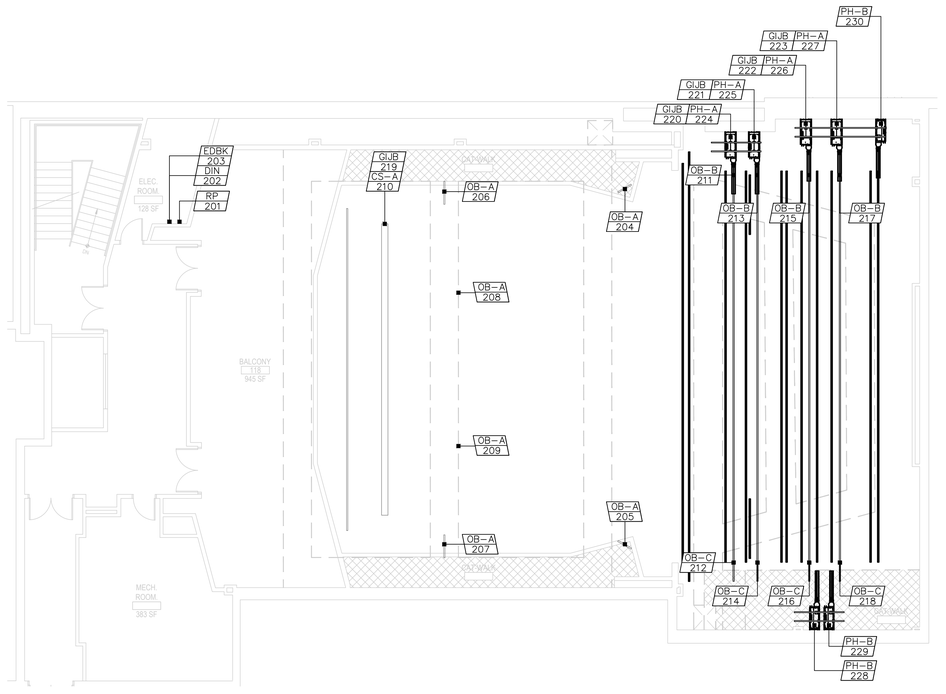
E6.03



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

LIGHTING DEVICE SCHEDULE

BOX NUMBER	DEVICE	DESCRIPTION	MOUNTING
101 THRU 102	PS-A	NET PLUG-IN STATION	SURFACE
103	RC	RIGGING CONTROLLER	SURFACE
104 THRU 105	EST	E-STOP BUTTON	SURFACE
106	CON	ETC IOPN XE 20 W/ (2) 24" LCD TOUCHSCREENS	----
201	RP	EXISTING STRAND CD-80 RACK	SURFACE
202	DIN	DIN-RAIL ENCLOSURE	SURFACE
203	EBDK	EMERGENCY BYPASS DETECTION KIT	SURFACE
204 THRU 209	OB-A	OUTLET BOX W/ (2) DUPLEX EDISON & (1) DMX OUT	PIPE
210	CS-A	FOH CONNECTOR STRIP	PIPE
211, 213, 215, 217	OB-B	SR OUTLET BOX W/ (2) DUPLEX EDISON & (1) DMX OUT	PIPE
212, 214, 216, 218	OB-C	SL OUTLET BOX W/ (2) DUPLEX EDISON	PIPE
219 THRU 223	GJB	GRID IRON JUNCTION BOX	SURFACE
224 THRU 227	PH-A	ONSTAGE ELECTRIC HOIST	SURFACE
228 THRU 230	PH-B	GENERAL PURPOSE HOIST	SURFACE



2 DEVICE PLAN – SECOND FLOOR
SCALE: 1/8" = 1'-0"

LIGHTING DEVICE SCHEDULE

BOX NUMBER	DEVICE	DESCRIPTION	MOUNTING
101 THRU 102	PS-A	NET PLUG-IN STATION	SURFACE
103	RC	RIGGING CONTROLLER	SURFACE
104 THRU 105	EST	E-STOP BUTTON	SURFACE
106	CON	ETC IOPN XE 20 W/ (2) 24" LCD TOUCHSCREENS	----
201	RP	EXISTING STRAND CD-80 RACK	SURFACE
202	DIN	DIN-RAIL ENCLOSURE	SURFACE
203	EBDK	EMERGENCY BYPASS DETECTION KIT	SURFACE
204 THRU 209	OB-A	OUTLET BOX W/ (2) DUPLEX EDISON & (1) DMX OUT	PIPE
210	CS-A	FOH CONNECTOR STRIP	PIPE
211, 213, 215, 217	OB-B	SR OUTLET BOX W/ (2) DUPLEX EDISON & (1) DMX OUT	PIPE
212, 214, 216, 218	OB-C	SL OUTLET BOX W/ (2) DUPLEX EDISON	PIPE
219 THRU 223	GJB	GRID IRON JUNCTION BOX	SURFACE
224 THRU 227	PH-A	ONSTAGE ELECTRIC HOIST	SURFACE
228 THRU 230	PH-B	GENERAL PURPOSE HOIST	SURFACE

REV.	DATE	ITEM

NOTICE

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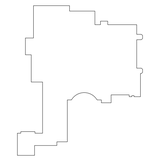

KEY PLAN
NOT TO SCALE

PROJECT
BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE
ELECTRICAL
PROPOSED PLAN - AUDITORIUM

DRAWING BY: LW
CHECK BY: ---

NOTICE

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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

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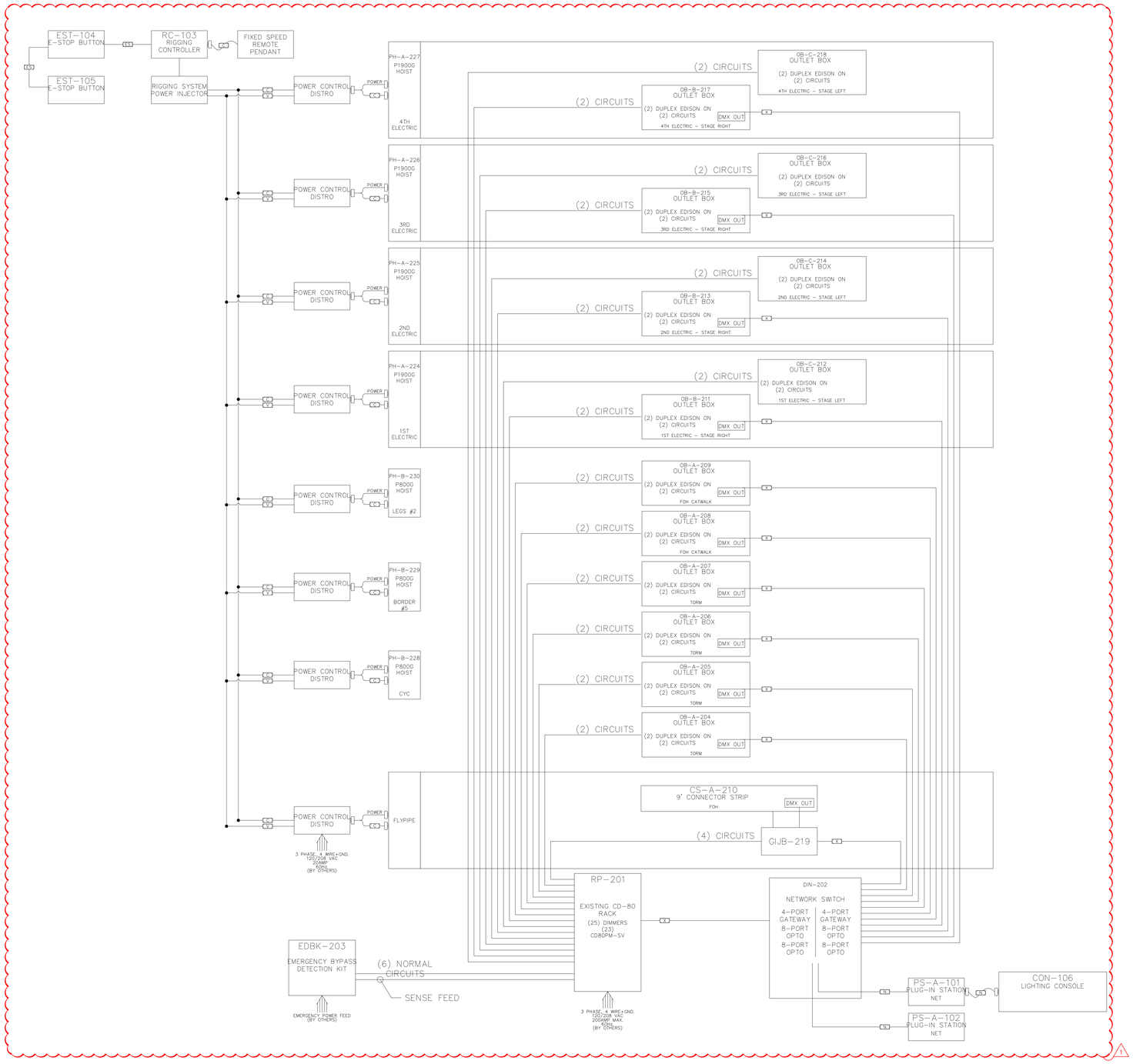
SED No.	66-19-05-02-0-002-022
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	ELECTRICAL PROPOSED PLAN
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	
FILE No:	25-142a

E6.04



1 LIGHTING POWER AND CONTROL RISER

SCALE: NOT TO SCALE

LIGHTING DEVICE SCHEDULE

BOX NUMBER	DEVICE	DESCRIPTION	MOUNTING
101 THRU 102	PS-A	NET PLUG-IN STATION	SURFACE
103	RC	RIGGING CONTROLLER	SURFACE
104 THRU 105	EST	E-STOP BUTTON	SURFACE
106	CON	ETC IOPN XE 20 W/ (2) 24" LCD TOUCHSCREENS	----
201	RP	EXISTING STRAND CD-80 RACK	SURFACE
202	DIN	DIN-RAIL ENCLOSURE	SURFACE
203	EBDK	EMERGENCY BYPASS DETECTION KIT	SURFACE
204 THRU 209	OB-A	OUTLET BOX W/ (2) DUPLEX EDISON & (1) DMX OUT	PIPE
210	CS-A	FOH CONNECTOR STRIP	PIPE
211, 213, 215, 217	OB-B	SR OUTLET BOX W/ (2) DUPLEX EDISON & (1) DMX OUT	PIPE
212, 214, 216, 218	OB-C	SL OUTLET BOX W/ (2) DUPLEX EDISON	PIPE
219 THRU 223	GIJB	GRID IRON JUNCTION BOX	SURFACE
224 THRU 227	PH-A	ONSTAGE ELECTRIC HOIST	SURFACE
228 THRU 230	PH-B	GENERAL PURPOSE HOIST	SURFACE

NOTE: INSTALLER TO VIF ALL LOCATIONS.

PROTOCOL WIRE KEY

LABEL	DESCRIPTION	SIGNAL
X	(1) BELDEN #9729 (HOME-RUNS. NO WIRE SPLICES. MAX 1000FT.)	DMX OUT
N	(1) BELDEN #1583A (HOME RUN. NO WIRE SPLICES. MAX 300FT.)	NET
C	(1) BELDEN #1583A (HOME RUN. NO WIRE SPLICES. MAX 300FT.)	CONTROL
V	3-PHASE 208V 60HZ 3-WIRE + GND	POWER

1

REV.	DATE	ITEM
01	01/16/26	BID ADD. NO. 02

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KEY PLAN

NOT TO SCALE

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

PROJECT

ELECTRICAL
PROPOSED PLAN - AUDITORIUM DETAILS

DWG TITLE

DRAWING BY: LW

CHECK BY: ---

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PATCHOGUE
NEW YORK 11772
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SED No. 66-19-05-02-0-002-022

DISTRICT: BLIND BROOK UNION FREE SCHOOL DISTRICT

PROJECT: PHASE 3 - BOND IMPROVEMENTS

DWG TITLE: ELECTRICAL PROPOSED PLAN

SCALE: AS NOTED

DATE: AUGUST 2025

BID PICK-UP: DECEMBER 15, 2025

FILE No: 25-142a

E6.05

EXISTING CD80 RACK: RP-A-101

UPPER SECTION															LOWER SECTION													
SLOT	CIRCUIT	MODULE TYPE	ADDRESS UNI	ADDRESS ADD	ZONE	DESCRIPTION	FIXTURE CALLOUT	FIXTURE TYPE	FIXTURE QTY	FIXTURE LOAD	EM	LOAD PHASING A	LOAD PHASING B	LOAD PHASING C	CIRCUIT	MODULE TYPE	ADDRESS UNI	ADDRESS ADD	ZONE	DESCRIPTION	FIXTURE CALLOUT	FIXTURE TYPE	FIXTURE QTY	FIXTURE LOAD	EM	LOAD PHASING A	LOAD PHASING B	LOAD PHASING C
1	1	CD80PM-SV	1	1		HOUSE LIGHTS						0			51	CD80PM-SV	1	51		OB-B-216						0		
2	2		1	2		HOUSE LIGHTS						0			52		1	52		OB-B-216						0		
3	7	CD80PM-SV	1	7		CS-A-210						0			57	CD80PM-SV	1	57		OB-B-218						0		
4	8		1	8		CS-A-210						0			58		1	58		OB-B-218						0		
5	13	CD80PM-SV	1	13		OB-A-205						0			63	DIMMER	1	63		EXISTING MODULE						0		
6	14		1	14		OB-A-205						0			64		1	64		EXISTING MODULE						0		
7	19	CD80PM-SV	1	19		OB-A-208						0			69	DIMMER	1	69		EXISTING MODULE						0		
8	20		1	20		OB-A-208						0			70		1	70		EXISTING MODULE						0		
9	25	DIMMER	1	25		EXISTING MODULE						0			75	DIMMER	1	75		EXISTING MODULE						0		
10	26		1	26		EXISTING MODULE						0			76		1	76		EXISTING MODULE						0		
11	31	DIMMER	1	31		EXISTING MODULE						0			81	DIMMER	1	81		EXISTING MODULE						0		
12	32		1	32		EXISTING MODULE						0			82		1	82		EXISTING MODULE						0		
13	37	CD80PM-SV	1	37		OB-B-211						0			87	DIMMER	1	87		EXISTING MODULE						0		
14	38		1	38		OB-B-212						0			88		1	88		EXISTING MODULE						0		
15	43	CD80PM-SV	1	43		OB-B-213						0			93	DIMMER	1	93		EXISTING MODULE						0		
16	44		1	44		OB-B-214						0			94		1	94		EXISTING MODULE						0		
17	49	CD80PM-SV	1	49		OB-B-215						0			5	CD80PM-SV	1	5		HOUSE LIGHTS								0
18	50		1	50		OB-B-216						0			6		1	6		HOUSE LIGHTS								0
19	55	CD80PM-SV	1	55		OB-B-217						0			11	CD80PM-SV	1	11		OB-A-204								0
20	56		1	56		OB-B-218						0			12		1	12		OB-A-204								0
21	61	DIMMER	1	61		EXISTING MODULE						0			17	CD80PM-SV	1	17		OB-A-207								0
22	62		1	62		EXISTING MODULE						0			18		1	18		OB-A-207								0
23	67	DIMMER	1	67		EXISTING MODULE						0			23	DIMMER	1	23		EXISTING MODULE								0
24	68		1	68		EXISTING MODULE						0			24		1	24		EXISTING MODULE								0
25	73	DIMMER	1	73		EXISTING MODULE						0			29	DIMMER	1	29		EXISTING MODULE								0
26	74		1	74		EXISTING MODULE						0			30		1	30		EXISTING MODULE								0
27	79	DIMMER	1	79		EXISTING MODULE						0			35	CD80PM-SV	1	35		OB-B-211								0
28	80		1	80		EXISTING MODULE						0			36		1	36		OB-B-211								0
29	85	DIMMER	1	85		EXISTING MODULE						0			41	CD80PM-SV	1	41		OB-B-213								0
30	86		1	86		EXISTING MODULE						0			42		1	42		OB-B-213								0
31	91	DIMMER	1	91		EXISTING MODULE						0			47	CD80PM-SV	1	47		OB-B-215								0
32	92		1	92		EXISTING MODULE						0			48		1	48		OB-B-215								0
33	3	CD80PM-SV	1	3		HOUSE LIGHTS								0	53	CD80PM-SV	1	53		OB-B-217								0
34	4		1	4		HOUSE LIGHTS								0	54		1	54		OB-B-217								0
35	9	CD80PM-SV	1	9		CS-A-210								0	59	DIMMER	1	59		EXISTING MODULE								0
36	10		1	10		CS-A-210								0	60		1	60		EXISTING MODULE								0
37	15	CD80PM-SV	1	15		OB-A-206								0	65	DIMMER	1	65		EXISTING MODULE								0
38	16		1	16		OB-A-206								0	66		1	66		EXISTING MODULE								0
39	21	CD80PM-SV	1	21		OB-A-209								0	71	DIMMER	1	71		EXISTING MODULE								0
40	22		1	22		OB-A-209								0	72		1	72		EXISTING MODULE								0
41	27	DIMMER	1	27		EXISTING MODULE								0	77	DIMMER	1	77		EXISTING MODULE								0
42	28		1	28		EXISTING MODULE								0	78		1	78		EXISTING MODULE								0
43	33	DIMMER	1	33		EXISTING MODULE								0	83	DIMMER	1	83		EXISTING MODULE								0
44	34		1	34		EXISTING MODULE								0	84		1	84		EXISTING MODULE								0
45	39	CD80PM-SV	1	39		OB-B-212								0	89	DIMMER	1	89		EXISTING MODULE								0
46	40		1	40		OB-B-212								0	90		1	90		EXISTING MODULE								0
47	45	CD80PM-SV	1	45		OB-B-214								0	95	DIMMER	1	95		EXISTING MODULE								0
48	46		1	46		OB-B-214								0	96		1	96		EXISTING MODULE								0

ADDRESSING: PM: #REF! TOTAL WATTS: 0 0
SEQUENCING: BALANCED AE: #REF! TOTAL AMPS: 0 0
CIRCUIT: 1
UNIVERSE: 1
ADDRESS: 1

ACCESSORY OPTIONS:

SR48 TO SR48 BUSS KIT 800A BLACK (7051A1105)	0
#####	0
SR48 TO SR48 BUSS KIT W/ TRAPS 800A (7051A1109)	0
SR48+ MULTI RACK SPLICE PLATE KIT (7151K1001)	0
SNSR3 SENSOR PHASE BAR FUSE TAP KIT (7141K1002)	0
CEM3 RIDE THRU POWER KIT (7140K1001)	0
VIBRO ISOLATION PAD NDB-RED (HW6109)	0
PAD WALL MTG NEOPREME RBA-BLK (HW6111)	0
W 6" NEOPRENE WAFFLE PAD (SGHW30)	0
CRATE KIT SR48 HSR48 (7051P2010)	0
CUSTOM SNSR3 RACK BRADY LABEL MATTE (7141A4011)	0

LOAD TYPE KEY:
INC = LINE VOLTAGE INCANDESCENT (D20)
FL2 = 2-WIRE FLUORESCENT DIMMING (D20)
FL3 = 3-WIRE FLUORESCENT DIMMING (D20F)
FLB = FLUORESCENT W/EMG FEED (D20FB)
ND = NON DIM CIRCUIT (CC20)
MLV = MAGNETIC LOW VOLTAGE (D20)
ELV = ELECTRONIC LOW VOLTAGE (ELV10)
FLND = FLUORESCENT NON-DIM
SW = SWITCHED/NON-DIMMING (R20AF)

RACK CONTENTS:

SR3-48 48 MODULE ENCLOSURE (7141A1005-4)	**1**
SNSR3 SR48/HSR48 RACK DOOR-BLACK (7141A2006-4)	**1**
CEM3 UNIVERSAL CONTROL MODULE R3 (7140A1003)	**1**
#REF!	0
CC15 DUAL 15A CONSTANT CB (7050A1011)	0
CC20 DUAL 20A CONSTANT CB (7050A1013)	0
D15 DUAL 1.8KW DIMMER MODULE (7050A1001)	0
D20 DUAL 2.4KW 350US (7050A1003)	0
D20E DUAL 2.4KW DIMMER MODULE (7050A1031)	0
D20HR 2.4KW 800US SENSE (7050A1005)	0
D20DHR DUAL 2.4KW 800uS SENSE (7050A1080)	0
D50AF SGL 6.0KW 500US SENSE (7050A1007)	0
D15F FLUORESCENT DIMMER MODULE (7050A1042)	0
D20F SGL 2.4KW FLUORESCENT SEN (7050A1006)	0
D15FB EM FLUORESCENT/CONSTANT MODULE (7050A1094)	0
D20FB EM FLUORESCENT/CONSTANT MODULE (7050A1095)	0
ELV10-S DUAL 1.2KW REV PHASE MOD R2 (7050A1293)	0
R15AF DUAL RELAY MODULE 120V (7050A1084)	0
R20AF DUAL RELAY MODULE 120V (7050A1085)	0
TR20AF DUAL 20A 120V THRU-RELAY 500uS (7050A1201)	0
TR20SAF DUAL 20A THRU-RELAY 350uS (7050A1202)	0

1 CD80 RACK PANEL SCHEDULE

SCALE: NOT TO SCALE

BLIND BROOK MS/HS CONTRACTOR RESPONSIBILITY MATRIX

Item	GC Furnish	GC Install	EC Furnish	EC Install	TSI Furnish	TSI Install
Demolition		X				
Existing Static Rigging		X				
Existing Static Drapery & Curtain Tracks		X				
Existing Front of House Tormentors		X				
Existing Front of House Static Pipe		X				
Existing Outlet Boxes & SO Cables Onstage and Front of House		X				
Existing Fire Curtain to Remain						
Existing Dimming Rack & Architectural Stations to Remain						
Dimming and Control						
Power Feeders (*TO REMAIN*)						
Power Disconnects (*TO REMAIN*)						
Dimming Enclosures (*TO REMAIN*)						
Dimming Relays				X	X	
Lighting Control DIN-Rail				X	X	
Assembly of DIN-Rail Components				X	X	
Lighting Control Plug Stations				X	X	
Lighting Control Plug In Station Backboxes				X	X	
Line Voltage Wire			X	X		
Line Voltage Wire Terminations			X	X		
Low Voltage Wire (DMX & Network)			X	X		
Low Voltage Terminations (DMX & Network)			X	X		
Conduit			X	X		
Lighting Control Console/Accessories					X	X
Power and Data Distribution						
Prewired Outlet Boxes				X	X	
Mounting & Wire Terminations of Outlet Boxes				X		
Branch and Low Voltage Wiring from Power & Data Control Enclosures to Outlet Boxes.			X	X		
SO Cable, DMX Cable, & Cable Cradle				X	X	
Gridiron Junction Boxes				X	X	
Containment			X	X		
Static & Motorized Rigging						
Blck. 1.5" ID Schedule #40 Steel Pipe and Spliced					X	X
All Suspension & Termination Hardware For Rigging Devices					X	X
Motorized Hoists & Power Control Distribution Boxes					X	X
Compression Tube For Motorized Rigging					X	X
3pH Power & Conduits For Motorheads & Grid Iron Junction Boxes			X	X		
Unistrut Bridging For Motorized Hoists					X	X

2

BLIND BROOK MS/HS CONTRACTOR RESPONSIBILITY MATRIX

Item	GC Furnish	GC Install	EC Furnish	EC Install	TSI Furnish	TSI Install
PE Stamp of Provided Rigging Materials					X	
Stage Draperies and Track						
Stage Draperies					X	X
Drapery Track					X	X
Drapery Rigging and Hanging Hardware					X	X
Theatrical Lighting Fixtures						
Theatrical Lighting Fixtures and Accessories					X	X
Power Extension Cables					X	X
Data Extension Cables					X	X
Lighting Plot and Lightwright Paperwork					X	X
Theatrical Fixture Prep/Hang/Focus					X	X
Vertical Access for Lighting Focus. (Lifts & Ladders)			X			
Auditorium House Lighting						
DMX Controlled House Lighting Fixtures				X	X	
House Lighting Relays				X	X	
Low Voltage Control Wire & Terminations			X	X		
Branch Circuit Wire and Conduit			X	X		
Miscellaneous						
Fire Stop			X	X		
Cutting/Patching/Painting	X	X				
Protection of Existing Floors/Walls/Surfaces	X	X				
Disposal/Cleanup/Carting	X	X				
System Commissioning					X	
Lighting and Rigging System Training					X	
Temporary Work Lights and Power			X	X		
Ventilation	X	X				
PE Stamp of Existing Structure	X					

1

REV.	DATE	ITEM
01	01/16/26	BID ADD. NO. 02
02	01/26/26	BID ADD. NO. 03

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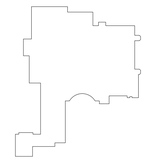

KEY PLAN

NOT TO SCALE

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

PROJECT

ELECTRICAL
PROPOSED PLAN - AUDITORIUM DETAILS

DWG TITLE

DRAWING BY: LW
CHECK BY: - - -

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ENGINEERS

244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

187 WOLF ROAD, STE. 205
ALBANY
NEW YORK 12205
T. 518.621.7650
F. 518.621.7655

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SED No. 66-19-05-02-0-002-022
DISTRICT BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT PHASE 3 - BOND IMPROVEMENTS
DWG TITLE ELECTRICAL PROPOSED PLAN
SCALE: AS NOTED
DATE: AUGUST 2025
BID PICK-UP: DECEMBER 15, 2025
FILE No: 25-142a

E6.06

Item	Qty	Description
Section I - Power Control System		
1.1		***Centralized Power Control***
	23	Dual 20 Amp Non-Dim Relay Power Module for CD80® Supervisor (SV)
1.2		***Centralized Power Control***
	1	DIN-Rail
	1	VIA, DIN-mount, 8-Ports, RJ45 Connector, 2xEmpty SFP+ Slots, PoE
	2	Response Mk2 Four-port DMX/RDM DIN rail mounted gateway
	4	Response Opto-Splitter - 8 Port DIN rail mounted
	2	POWER SUPPLIES
1.3		***Emergency Control***
	1	Emergency Bypass Detection Kit
1.4	1	***System Start Up:*** Project Management, Tech Services, Post & Pre Wire Check, & System Start Up & Training
Section II -Control System		
2.1	1	Ion Xe 20 - 2K
	2	LCD Touchscreen Monitor
	1	10' Net Cable
	1	25' Net Cable
	1	25' Power Extension Cable
2.2	1	Console Training
Section III - Power Distribution		
3.1		***Front of House Catwalk***
	2	Pipe Mt. Outlet Box w/ (2) DPLX. Edison & (1) DMX Output
3.2		***Front of House Tormentor***
	4	Pipe Mt. Outlet Box w/ (2) DPLX. Edison & (1) DMX Output
3.3		***Console Plug-In Station***
3.1	2	Net Plug-In Station

Item	Qty	Description
Section IV - Fixtures and Accessories		
		First Electric:
4.1	8	**ETC ColorSource Spot V** with shutter barrel, soft focus diffuser in A-size pattern holder, stock black finish
	8	c-clamp
	8	safety cable, black
	8	5' power pigtail with Edison connector
	8	ETC 436EDLT with stock black finish, gel frame
	8	10' DMX Control Cable
4.2	5	**ETC ColorSource Fresnel V** with stock black finish, Multiverse
	5	c-clamp
	5	safety cable, black
	5	5' power pigtail with Edison connector
	5	City Theatrical Media Frame, stock black finish, 7.5"
	5	10' DMX Control Cable
		Second Electric:
4.3	8	**ETC ColorSource Spot V** with shutter barrel, soft focus diffuser in A-size pattern holder, stock black finish
	8	c-clamp
	8	safety cable, black
	8	5' power pigtail with Edison connector
	8	ETC 436EDLT with stock black finish, gel frame
	8	10' DMX Control Cable
4.4	5	**ETC ColorSource Fresnel V** with stock black finish, Multiverse
	5	c-clamp
	5	safety cable, black
	5	5' power pigtail with Edison connector
	5	City Theatrical Media Frame, stock black finish, 7.5"
	5	10' DMX Control Cable
4.5	2	Elation FUZ296 Fuze Spot 305W Full Spectrum RGBMA LED Spot Fixture stock black finish
	2	10' DMX Control Cable
		Tird Electric:
4.6	8	**ETC ColorSource Spot V** with shutter barrel, soft focus diffuser in A-size pattern holder, stock black finish
	8	c-clamp
	8	safety cable, black
	8	5' power pigtail with Edison connector
	8	ETC 436EDLT with stock black finish, gel frame
	8	10' DMX Control Cable
4.7	5	**ETC ColorSource Fresnel V** with stock black finish, Multiverse
	5	c-clamp
	5	safety cable, black
	5	5' power pigtail with Edison connector
	5	City Theatrical Media Frame, stock black finish, 7.5"
	5	10' DMX Control Cable
4.8	2	Elation FUZ296 Fuze Spot 305W Full Spectrum RGBMA LED Spot Fixture stock black finish
	2	10' DMX Control Cable
		Near Boom Left:
4.9	5	**ETC ColorSource Spot V** with shutter barrel, soft focus diffuser in A-size pattern holder, stock black finish
	5	c-clamp
	5	safety cable, black
	5	5' power pigtail with Edison connector
	5	ETC 436EDLT with stock black finish, gel frame
	5	10' DMX Control Cable
		Near Boom Right:
4.10	5	**ETC ColorSource Spot V** with shutter barrel, soft focus diffuser in A-size pattern holder, stock black finish
	5	c-clamp
	5	safety cable, black
	5	5' power pigtail with Edison connector
	5	ETC 436EDLT with stock black finish, gel frame
	5	10' DMX Control Cable
		Far Boom Left:
4.11	8	**ETC ColorSource Spot V** with shutter barrel, soft focus diffuser in A-size pattern holder, stock black finish
	8	c-clamp
	8	safety cable, black
	8	5' power pigtail with Edison connector
	8	ETC 436EDLT with stock black finish, gel frame
	8	10' DMX Control Cable
		Far Boom Righ:
4.12	8	**ETC ColorSource Spot V** with shutter barrel, soft focus diffuser in A-size pattern holder, stock black finish
	8	c-clamp
	8	safety cable, black
	8	5' power pigtail with Edison connector
	8	ETC 436EDLT with stock black finish, gel frame
	8	10' DMX Control Cable
		Near FOH Pipe:
4.13	8	**ETC ColorSource Spot V** with shutter barrel, soft focus diffuser in A-size pattern holder, stock black finish
	8	c-clamp
	8	safety cable, black
	8	5' power pigtail with Edison connector
	8	ETC 450EDLT with stock black finish, gel frame
	8	10' DMX Control Cable
		Far FOH Pipe:
4.14	8	**ETC ColorSource Spot V** with shutter barrel, soft focus diffuser in A-size pattern holder, stock black finish
	8	c-clamp
	8	safety cable, black
	8	5' power pigtail with Edison connector
	8	ETC 426EDLT with stock black finish, gel frame
	8	10' DMX Control Cable
4.15	2	Elation FUZ296 Fuze Spot 305W Full Spectrum RGBMA LED Spot Fixture
	2	10' DMX Control Cable
4.16	1	**Scope**: Installation, Hang/ Focus of the stage lighting loose equipment detailed

Item	Qty	Description
Section V - Motorized & Static Rigging		
5.1		***Front of House***
	1	Prodigy FlyPipe - 18'L
	1	9' Connector Strip
5.2		***Onstage Motorized Electrics***
	4	Prodigy P1900G hoist 54'-0" in length up to 30'-0" Travel. Traditional Cable Management
	4	51'L Schd. #40 Steel Pipe w/ Hanging Points - Main Valance
5.3		***Onstage Motorized General Purpose***
	3	Prodigy P800 hoist 51'-0" in length up to 30'-0" Travel
	3	51'L Schd. #40 Steel Pipe w/ Hanging Points - Main Valance
5.4		***Motor Controls***
	1	QuickTouch+Mk2 12 channel controller
	2	E-Stop buttons
	1	Fixed Speed hand Held Remote with 50'-0" cord
5.5		***Motor Power & Data Distribution***
	4	Cable cradles
	8	Outlet Boxes with (3) 20A Circuits, (3) outlets, and (1) DMX
	4	Grid Iron Junction Boxes
	4	SO Cables for 40'-0" of travel
	4	DMX Data Cables for 40'-0" of travel
5.6		***Front of House Static Audio Pipe Rigging Replacement***
	1	21'L Schd. #40 Steel Pipe w/ Hanging Points
5.7		***Front of House Tormentors***
	4	New Custom Dual 4'L Welded Pipes W/ Cross Brace
5.8		***Onstage Static Rigging***
	1	53'L Schd. #40 Steel Pipe w/ Hanging Points - Main Valance
	1	56'L Schd. #40 Steel Pipe w/ Hanging Points - Main Curtain
	2	7'-9"L Schd. #40 Steel Pipe w/ Hanging Points - Main Legs
	5	51'L Schd. #40 Steel Pipe w/ Hanging Points - Main Valance
5.9		***Onstage Drapery & Curtain Tracks***
	1	Main Valance - 25 Oz. IFR Velour - Color: TBD - Fullness: 50% - w/ Lining
	1	Main Curtain Pr. - 25 Oz. IFR Velour - Color: TBD - Fullness: 50% w/ Lining
	5	Border - 22 Oz. IFR Velour - Color: Black - Fullness: 50%
	4	Leg - 22 Oz. IFR Velour - Color: Black - Fullness: 50%
	2	Traveler Pr. - 22 Oz. IFR Velour - Color: Black - Fullness: 50%
	1	Cyclorama - IFR Muslin - Color: White - Fullness: 0% - Seamless
	3	Bi-Part Traveler Tracks
	1	Installation For Rigging Section Has Been Budgeted At Prevailing Wage Rates During Normal Business Hours. After School Hour Work Is Not Included.

Item	Qty	Description
Section X - Project Notes		
		Disclaimer:
		This quotation is based on Barbizon's interpretation of the project and is limited to the Bill of Materials detailed above.
		Due to global logistics and supply chain issues, our industry is seeing delays on certain product types. While the situation is fluid, Barbizon is committed to keeping our customers proactively informed of these delays as information becomes available. Barbizon thanks you for your patience
		Services:
		Project management and coordination.
		Drawings for approval within 6-weeks of receipt of order.
		Production requires 8 to 12 weeks for delivery of equipment after receipt of written approval and release.
		2-year limited manufacturer's warranty on ETC parts and workmanship. 1-year warranty on all other manufacturers.
		All work requires 21 days notice. Work completed M-F during normal working hours.
		Freight allowed to the job site. Expedited freight is not included.
		Exclusions:
		Contents of the General Conditions, related sections or other drawings
		Installation of theatrical lighting infrastructure not included. Demolition not included.
		Bonding, taxes, fees and permits not included.
		Cutting, patching, chopping, millwork, plugging, and painting not Engineering of existing structure not included.
		Structural steel, bridging and blocking not included.
		Architectural lighting fixtures, drivers, troubleshooting, and terminations not included.
		Low voltage wire and terminations not included.
		Access Equipment for system start up and troubleshooting not included.
		Participation in Project OCIP or CCIP is not included.

1 THEATRICAL LIGHTING RIGGING SYSTEM BILL OF MATERIALS

SCALE: NOT TO SCALE

REV.	DATE	ITEM

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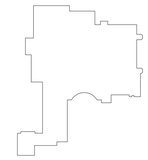

KEY PLAN

NOT TO SCALE

PROJECT

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE

ELECTRICAL
PROPOSED PLAN - AUDITORIUM DETAILS

DRAWING BY: LW

CHECK BY: - - -

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NEW YORK 12205
T. 518.621.7650
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SED No. 66-19-05-02-0-002-022

DISTRICT BLIND BROOK UNION FREE SCHOOL DISTRICT

PROJECT PHASE 3 - BOND IMPROVEMENTS

DWG TITLE ELECTRICAL PROPOSED PLAN

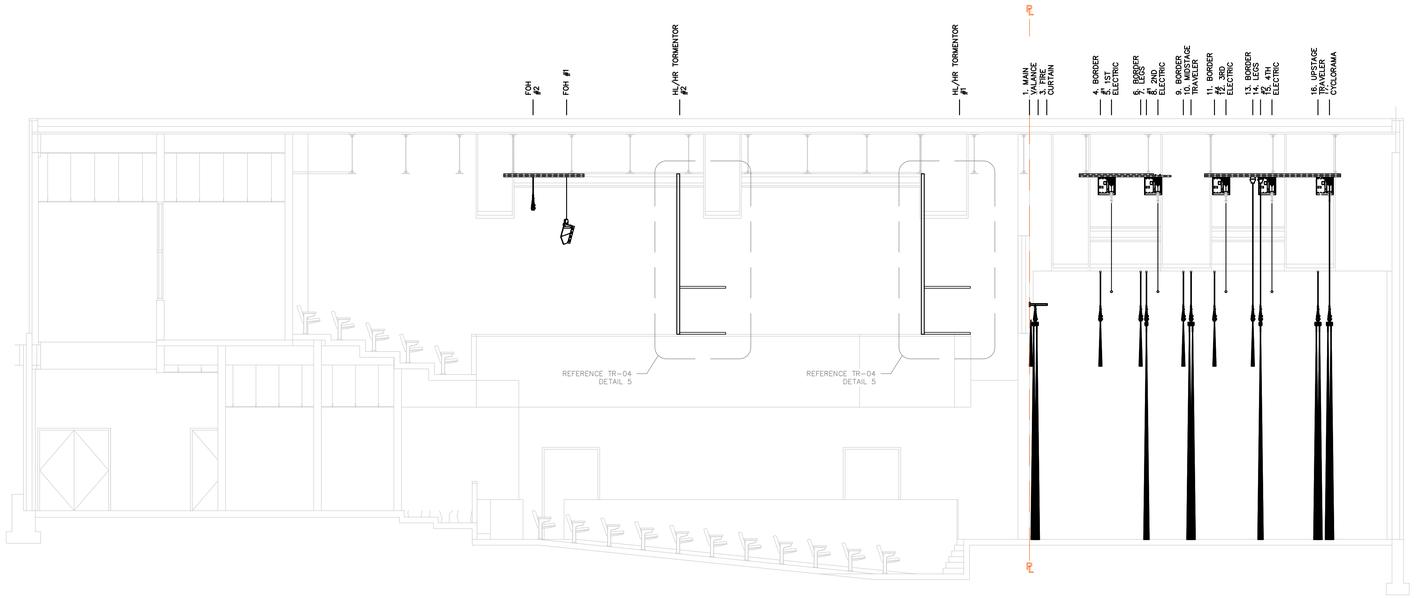
SCALE: AS NOTED

DATE: AUGUST 2025

BID PICK-UP:

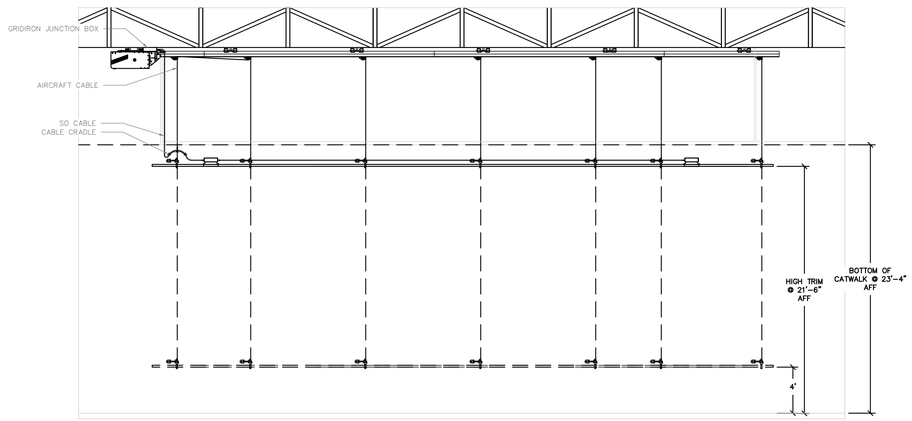
FILE No: 25-142a

E6.07



1 THEATRICAL LIGHTING RIGGING SECTION

SCALE: 3/16" = 1'-0"



2 THEATRICAL LIGHTING RIGGING ELEVATION - ONSTAGE MOTORIZED (TYPICAL)

SCALE: 3/16" = 1'-0"

RIGGING DEVICE SCHEDULE

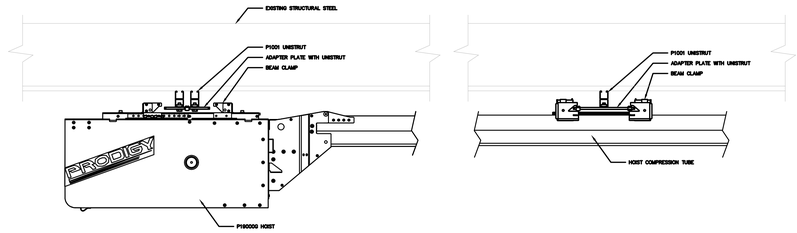
Line Set #	Pipe Distance from Plaster Line	Description	Batten Length	Rigging	Curtain Height	Curtain Width	Fullness	Material	Color	Lining	Other Notes or Accessories
-4	-43'-2"	FOH #2	42'-0"	STATIC	-	-	-	-	-	-	REPLACING EXISTING AUDIO STATIC PIPE IN SAME LOCATION
-3	-40'-3"	FOH #1	18'-0"	MOTORIZED	-	-	-	-	-	-	PRODIGY FLYPIPE W/ HELIX CABLE MANAGEMENT
-2	-30'-5"	HL/HR TORMENTOR #2	2 @ 4'-0"	STATIC	-	-	-	-	-	-	2 PIPES WELDED TO STEEL PER TORM LOCATION
-1	-5'-1"	HL/HR TORMENTOR #1	2 @ 4'-0"	STATIC	-	-	-	-	-	-	2 PIPES WELDED TO STEEL PER TORM LOCATION
Plaster Line	0'-0"	-	-	-	-	-	-	-	-	-	
1	0'-6"	MAIN VALANCE	56'-0"	STATIC	5'-0"	51'-0"	50%	25 OZ. IFR VELOUR	TBD	IFR LINING	MOUNTED TO BACK OF PROSCENIUM W/ WOOD GROUND
2	0'-9"	MAIN CURTAIN	56'-0"	STATIC	19'-8"	2 @ 29'-6"	50%	25 OZ. IFR VELOUR	TBD	IFR LINING	UNISTRUT ARMS TO BACK OF PRO. ADC 280 ROPE OP. BI-PART TRACK - MILL FINISH.
3	1'-6"	FIRE CURTAIN	-	-	-	-	-	-	-	-	EXISTING FIRE CURTAIN TO REMAIN
4	6'-2"	BORDER #1	51'-9"	STATIC	5'-0"	51'-0"	50%	22 OZ. IFR VELOUR	BLACK	-	
5	7'-2"	1ST ELECTRIC	51'-0"	MOTORIZED	-	-	-	-	-	-	TRADITIONAL CABLE MGMT. CABLE CRADLE
6	9'-8"	BORDER #2	49'-10"	STATIC	5'-0"	51'-0"	50%	22 OZ. IFR VELOUR	BLACK	-	
7	10'-2"	LEGS #1	(2) at 11'-4"	STATIC	19'-8"	2 @ 7'-9"	50%	22 OZ. IFR VELOUR	BLACK	-	
8	11'-2"	2ND ELECTRIC	51'-0"	MOTORIZED	-	-	-	-	-	-	TRADITIONAL CABLE MGMT. CABLE CRADLE
9	13'-5"	BORDER #3	47'-10"	STATIC	5'-0"	51'-0"	50%	22 OZ. IFR VELOUR	BLACK	-	
10	14'-1"	MIDSTAGE TRAVELER	47'-8"	STATIC	19'-8"	2 @ 25'-3"	50%	22 OZ. IFR VELOUR	BLACK	-	ADC 280 ROPE OP. BI-PART TRACK - MILL FINISH
11	16'-1"	BORDER #4	46'-8"	STATIC	5'-0"	51'-0"	50%	22 OZ. IFR VELOUR	BLACK	-	
12	17'-1"	3RD ELECTRIC	51'-0"	MOTORIZED	-	-	-	-	-	-	TRADITIONAL CABLE MGMT. CABLE CRADLE
13	19'-0"	BORDER #5	51'-0"	MOTORIZED	5'-0"	51'-0"	50%	22 OZ. IFR VELOUR	BLACK	-	
14	20'-1"	LEGS #2	51'-0"	MOTORIZED	19'-8"	2 @ 8'-0"	50%	22 OZ. IFR VELOUR	BLACK	-	
15	21'-1"	4TH ELECTRIC	51'-0"	MOTORIZED	-	-	-	-	-	-	TRADITIONAL CABLE MGMT. CABLE CRADLE
16	25'-1"	UPSTAGE TRAVELER	41'-8"	STATIC	19'-8"	2 @ 22'-4"	50%	22 OZ. IFR VELOUR	BLACK	-	ADC 280 ROPE OP. BI-PART TRACK - MILL FINISH
17	26'-1"	CYCLORAMA	45'-0"	MOTORIZED	19'-8"	41'-0"	0%	IFR MUSLIN	WHITE	-	SEWN FLAT & SEAMLESS

*VIF DRAPERY DIMENSIONS BEFORE FABRICATION OF CURTAINS

3 THEATRICAL LIGHTING RIGGING LINESET SCHEDULE

NOTE: INSTALLER TO VIF ALL MEASUREMENTS BEFORE PROCEEDING.

SCALE: NOT TO SCALE

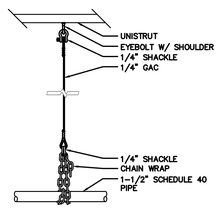


3 SUSPENSION POINT - TYPE C

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

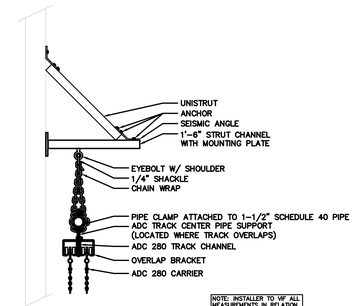
4 SUSPENSION POINT - TYPE D

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



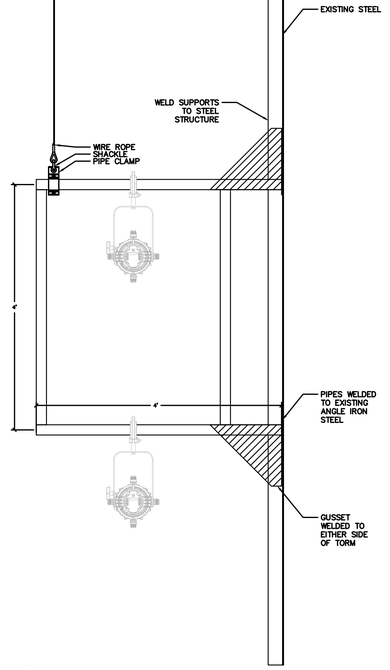
1 SUSPENSION POINT - TYPE A

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



2 SUSPENSION POINT - TYPE B

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



5 TORM DETAIL (ELEVATION) TYPICAL

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

3 THEATRICAL LIGHTING RIGGING DETAILS

SCALE: AS NOTED

REV.	DATE	ITEM
01	01/16/26	BID ADD. NO. 02

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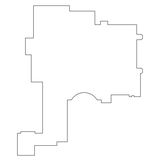

KEY PLAN

NOT TO SCALE

PROJECT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE: ELECTRICAL
PROPOSED PLAN - AUDITORIUM RIGGING SECTION AND ELEVATION

DRAWING BY: LW

CHECK BY: - - -

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244 EAST MAIN STREET
PATCHOGUE
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SED No. 66-19-05-02-0-002-022

DISTRICT: BLIND BROOK UNION FREE SCHOOL DISTRICT

PROJECT: PHASE 3 - BOND IMPROVEMENTS

DWG TITLE: ELECTRICAL PROPOSED PLAN

SCALE: AS NOTED

DATE: AUGUST 2025

BID PICK-UP: DECEMBER 15, 2025

FILE No: 25-142a

E6.08

GENERAL NOTES

1. IT IS STRONGLY RECOMMENDED BY THE ARCHITECT / ENGINEER THAT THE CONTRACTOR VISIT THE SITE AND VERIFY IN THE FIELD ALL EXISTING CONDITIONS PRIOR TO BIDDING. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS REQUIRED FOR ESTIMATING.
2. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR NO MATTER WHAT TRADE, TO REVIEW THE ENTIRE BID PACKAGE CONSISTING OF (ALL CONSTRUCTION DRAWINGS AND THE PROJECT MANUAL) PRIOR TO SUBMITTING THEIR BID. THE CONTRACTOR(S) WILL BE HELD ACCOUNTABLE FOR ALL MATERIALS IN THE BID PACKAGE NO MATTER WHERE IT IS LOCATED IN THE DOCUMENTATION.
3. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL EXISTING CONDITIONS, COMPONENTS, MEASUREMENTS, DISCREPANCIES AND ANY OTHER ITEMS THAT WILL IMPEDE THE PROGRESS OF OR INCREASE THE COSTS TO THE CURRENT WORK SCOPE. IF ANY OF THESE ITEMS EXIST THE CONTRACTOR SHALL REFER TO GENERAL NOTE No. 4.
4. ALL QUESTIONS, DISCREPANCIES AND REQUESTS FOR INFORMATION MUST BE SUBMITTED IN WRITTEN FORM TO THE ATTENTION OF THE ARCHITECT OR ENGINEER. THE CONTRACTOR SHALL FOLLOW THE FORMAT OUTLINED IN THE PROJECT MANUAL, DIVISION 1, GENERAL REQUIREMENTS, SPECIFICATION SECTION - 012600, CONSTRUCTION PHASE CLARIFICATIONS, REQUESTS FOR INFORMATION FROM ARCHITECT'S OFFICE.
5. IF NO QUESTIONS ARE RAISED ON A PARTICULAR ITEM IN QUESTION DURING THE BIDDING PROCESS, IT WILL BE THE UNDERSTANDING OF THE OWNER, CONSTRUCTION MANAGER, ARCHITECT, ENGINEER AND CONTRACTOR(S), THAT THE CONTRACTOR HAS VISITED THE SITE IN CONJUNCTION WITH REVIEWING THE CONTRACT DOCUMENTS (ALL CONSTRUCTION DRAWINGS AND THE PROJECT MANUAL) AND UNDERSTANDS THE ARCHITECTS/ENGINEERS INTENTIONS. IF A QUESTION IS RAISED AFTER THE BIDDING PHASE, THE CONTRACTOR WILL BE HELD TO THE ARCHITECT OR ENGINEERS INTERPRETATION OF ANY AND ALL COSTS ASSOCIATED WILL BARE SOLELY ON THE RESPONSIBILITY OF THE CONTRACTOR. NO ADDITIONAL COSTS WILL BE ACCEPTED OR PASSED ONTO THE OWNER.
6. THE CONTRACTOR SHALL PROTECT THE AREA OF WORK FROM ANY INCLEMENT WEATHER THAT MAY OCCUR DURING THE WORK DAY AND AFTER DAILY OPERATIONS. THIS PROTECTION SHALL BE IN PLACE THROUGHOUT THE DURATION OF THE PROJECT, AS OUTLINED IN SPECIFICATION SECTION 013000.
7. ALL WORK SHALL BE IN ACCORDANCE WITH STATE AND LOCAL CODES, THE REQUIRED EXITS IN THE EXISTING BUILDING MUST BE KEPT CLEAR, MAINTAINED AND PROTECTED, AS OUTLINED IN SPECIFICATION SECTION 013500 - UNIFORMED SAFETY STANDARDS FOR SCHOOL CONSTRUCTION AND MAINTENANCE PROJECTS: COMMISSIONERS REGULATIONS, SECTION 155.5.
8. ALL CONTRACTORS SHALL SUBMIT SAMPLES TO THE ARCHITECT/ENGINEER FOR REVIEW PRIOR TO THE COMMENCEMENT OF WORK. ALL SUBMITTALS SHALL BE IN ACCORDANCE WITH THE PROJECT MANUAL - DIVISION 1 - GENERAL REQUIREMENTS - SPECIFICATION SECTION 013300 - SUBMISSIONS.
9. ALL DEMOLITION AND CONSTRUCTION WORK TO BE PERFORMED WITHOUT INTERRUPTION TO THE DISTRICT ADMINISTRATION OPERATIONS AND SHALL COMPLY WITH THE PROCEDURES OUTLINED IN THE PROJECT MANUAL - DIVISION 1 - GENERAL REQUIREMENTS - SECTION 013300 - SPECIAL PROCEDURES AND PROVISIONS, AND SECTION 013500 - COMMISSIONERS REGULATIONS, (PART 155.5) AND SAFETY STANDARDS.
10. ALL EXISTING VENTILATION DIFFUSERS AND GRILLS SHALL BE COVERED AND PROTECTED AGAINST ANY FOREIGN MATTER ENTERING THE SYSTEMS DURING CONSTRUCTION. THE CONTRACTOR MUST ALSO MAINTAIN ADEQUATE VENTILATION THROUGH OUT THE PROJECT AS STATED IN THE, REGULATIONS OF THE COMMISSIONER OF EDUCATION PART 155 (8NYCRR 155)," AS OUTLINED IN SPECIFICATION SECTION - 013500.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF CHEMICAL FUMES, GASES, AND OTHER CONTAMINATES TO ENSURE THEY DO NOT ENTER OCCUPIED PORTIONS OF THE BUILDING OR AIR INTAKES, AS OUTLINED IN SPECIFICATION SECTION 013500 - UNIFORMED SAFETY STANDARDS FOR SCHOOL CONSTRUCTION AND MAINTENANCE PROJECTS: COMMISSIONERS REGULATIONS, SECTION 155.5.
12. ALL WORK AND MATERIALS OF THIS PROJECT AND ADJACENT SURFACES SHALL BE PROTECTED FROM DAMAGE. IN THE EVENT OF DAMAGE, THE CONTRACTOR SHALL IMMEDIATELY MAKE REPAIRS AND REPLACEMENTS NECESSARY TO THE APPROVAL OF THE ARCHITECT/ENGINEER AND AT NO ADDITIONAL COST TO THE OWNER.
13. THE CONTRACTOR SHALL ENFORCE UPON STRICT DISCIPLINE AND GOOD ORDER AMONG THE CONTRACTORS EMPLOYEES AND OTHER PERSONS CARRYING OUT THE CONTRACT. THE CONTRACTORS SHALL NOT PERMIT EMPLOYMENT OF UNFIT PERSONS OR PERSONS NOT SKILLED IN THE TASK ASSIGNED TO THEM. ALL IN ACCORDANCE WITH PROJECT MANUAL SECTION - CONDITIONS OF THE CONTRACT.
14. ALL WORKERS WILL BE REQUIRED TO WEAR A PHOTO-IDENTIFICATION BADGE FOR WORKERS IDENTIFICATION AND SECURITY PURPOSES WHILE WORKING AT OCCUPIED SITES. ALL IN ACCORDANCE WITH PROJECT MANUAL SECTION - CONDITIONS OF THE CONTRACT.
15. ALL PROJECT WASTE MATERIAL AND RUBBISH SHALL BE DISPOSED IN CONTAINERS PROVIDED BY THE CONTRACTOR FOR SUBSEQUENT LEGAL OFF-SITE DISPOSAL. CONTAINER LOCATIONS ARE TO BE COORDINATED WITH SCHOOL DISTRICT OFFICIALS. OFF-SITE DISPOSAL SHALL BE PERFORMED ON A REGULAR BASIS. CONTRACTORS SHALL RESTORE ALL CONDITIONS TO THE STATE OF CLEANLINESS THAT EXISTED PRIOR TO COMMENCEMENT OF WORK.
16. ALL INTERIOR SURFACES DISTURBED DURING CONSTRUCTION SHOULD BE REPAIRED AND/OR REPLACED TO MATCH EXISTING CONDITIONS TO THE APPROVAL OF THE ARCHITECT/ENGINEER AND OWNER.

GENERAL RACEWAY NOTES

1. QUANTITIES OF MATERIAL AS REQUIRED.
2. ELECTRICAL CONTRACTOR SHALL ROUTE ALL SURFACE RACEWAY AROUND ALL OBSTRUCTIONS.
3. ELECTRICAL CONTRACTOR WILL PROVIDE AND INSTALL ANY OTHER FITTINGS THAT WERE NOT MENTIONED IN ORDER TO PROVIDE A COMPLETE SYSTEM.
4. ELECTRICAL CONTRACTOR MUST MECHANICALLY ANCHOR ALL SURFACE MOUNT RACEWAY WITH ADEQUATE ANCHORS.
5. ELECTRICAL CONTRACTOR MUST SECURE INCOMING MC CABLE TO END FITTING OF SURFACE RACEWAY WITH APPROPRIATE CONNECTORS.
6. WHEREVER SPECIFIED SURFACE RACEWAY IS UNABLE TO BE INSTALLED DUE TO SIZE LIMITATION THE ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR SUPPLYING AND INSTALLING ARCHITECT/ENGINEER SPECIFIED ALTERNATE SURFACE RACEWAY.
7. FINAL COLOR FOR ALL MATERIALS SHALL BE DETERMINED BY ARCHITECT/ENGINEER.
8. ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL CAT-6 CABLE WITHIN SURFACE RACEWAY.
9. ELECTRICAL CONTRACTOR SHALL REFER TO "E" AND "E9.X" SERIES DRAWINGS FOR COORDINATION OF INSTALLATION.
10. ELECTRICAL CONTRACTOR SHALL INSTALL DIVIDER WALL (WHERE APPLICABLE) CONTINUOUSLY THROUGHOUT SURFACE RACEWAY AND ACCORDING TO MANUFACTURERS SPECIFICATIONS FOR A POWER AND DATA INSTALLATION.
11. THE ELECTRICAL CONTRACTOR SHALL CONFIRM RACEWAY HEIGHT BEFORE INSTALLATION. THE FINAL HEIGHT SHALL BE DETERMINED BY CASEWORK, DESK, WORK SURFACE HEIGHT AND OWNER. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE INSTALLATION OF SURFACE RACEWAY.
12. MAINTAIN APPROPRIATE SEPARATION OF LINE VOLTAGE AND LOW VOLTAGE CABLE.
13. QUANTITY OF DROPS AS PER FLOOR PLANS.
14. CABLES BACK FED OR RACEWAY FED AS REQUIRED.

CAT 6 / CAT 6A NOTES

1. ALL 4-PAIR UTP HORIZONTAL STATION PLENUM RATED CABLES FOR VOICE / DATA SERVICES SHALL BE HOMERUN TO THE NEAREST COMMUNICATIONS ROOM, AS ILLUSTRATED ON THE TECHNOLOGY FLOOR PLANS.
2. REFERENCING THE CABLE PATHS ILLUSTRATED ON THE TECHNOLOGY FLOOR PLANS, FOR WORKSTATIONS, ROUTE THE COMMUNICATIONS CABLES THROUGH THE GYPSUM WALLS, CONCRETE BLOCK AND RACEWAY UP TO THE CEILING CAVITY. COMMUNICATIONS CABLES MAIN PATHWAY WILL BE THE HALLWAYS TO THE NEAREST COMMUNICATIONS ROOM.
3. REFER TO THE REFLECTED CEILING PLANS AND MECHANICAL PLANS TO COORDINATE PATHWAYS IN THE CEILINGS WITH LIGHT FIXTURES AND MECHANICAL DUCT WORK.
4. ALL 4-PAIR UTP HORIZONTAL STATION NETWORK DATA CABLES SHALL LAND SEQUENTIALLY, BY THEIR OUTLET ID, ON THE 48-PORT PATCH PANELS, IN THE RACKS AND CABINETS LOCATED IN THE COMMUNICATIONS ROOMS AS INDICATED ON THE TECHNOLOGY FLOOR PLANS.
5. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF THE ROUTING OF CABLES ABOVE THE HUNG CEILING WITH THE ELECTRICAL, MECHANICAL AND GENERAL CONTRACTORS PRIOR TO INSTALLATION.
6. ELECTRICAL CONTRACTOR TO VERIFY CEILING HEIGHTS FOR ALL AREAS PRIOR TO INSTALLING ANY CABLE. ELECTRICAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ANY COMPONENTS IN THE CEILING WITH ALL OTHER TRADES, EQUIPMENT AND FIELD CONDITIONS. ANY CABLE TRANSITIONS ROUTED OVER HVAC DUCTS MUST NOT LAY ON TOP OF THE DUCTS AND MUST BE SUPPORTED OVER THE DUCTS.
7. DO NOT LAY CABLES OVER LIGHTING FIXTURES OR ELECTRICAL MACHINERY IN THE HUNG CEILING. CABLES SHALL BE PLACED AT A MINIMUM OF 12 INCHES AWAY FROM MAGNETIC INDUCING EQUIPMENT AND ELECTRICAL WIRING.
8. FURNISH AND INSTALL ADDITIONAL SLEEVES (WITH GROMMETED ENDS) AS REQUIRED FOR THE ENTRANCES INTO THE COMMUNICATIONS ROOMS AND ANY OTHER APPLICABLE AREAS. ALL SLEEVES SHALL BE FIRESTOPPED WHEN THE INSTALLATION IS COMPLETED.
9. PROVIDE ALL PENETRATIONS AND RATED PARTITION FIRESTOPPING EVERY TIME A PARTITION IS TRAVERSED ABOVE THE HUNG CEILING. EXISTING FIREPROOFING MATERIAL WHICH IS DISTURBED OR DAMAGED BY THE WORK UNDER THIS CONTRACT SHALL BE REPLACED AND RESTORED TO THE SATISFACTION OF THE OWNER.
10. FURNISH AND INSTALL TRAPEZE, BRIDAL RINGS, CADDY HANGERS, J-HOOKS AND OTHER INDUSTRY ACCEPTED METHODS REQUIRED TO SUPPORT ALL INSTALLED CABLES. DO NOT SUPPORT CABLES ON CEILING BLACK IRON, DROP CEILING GRID OR ON ANY OTHER DEVICES THAT ARE NOT INTENDED FOR THE SUPPORTING OF CABLES. EXCEPT FOR GROUPS OF 10 OR FEWER CABLES, CABLE SUPPORTS SHALL BE ANCHORED TO THE UNDERSIDE OF THE SLAB AND CLAMPED TO BUILDING STEEL.
11. CABLES MUST BE SUPPORTED AT A MINIMUM EVERY FIVE (5) FEET OF CENTER AND BUNDLES MUST BE HOOK AND LOOPED TOGETHER AT A MINIMUM OF EVERY THREE (3) FEET.
12. ALL CABLES SHALL BE INSPECTED AS THEY ARE PULLED OFF THE REEL FOR ANY OBVIOUS DEFECTS. REPORT ANY DEFECTS IMMEDIATELY TO THE ENGINEER AND HALT FURTHER USE OF THE CABLE FROM THAT REEL, PENDING A DETERMINATION OF THE QUALITY OF THE REEL BY THE MANUFACTURER.
13. ALL CABLES SHALL BE PULLED BY HAND AND CONTINUOUSLY MONITORED BY A TENSION METER SO AS NOT TO EXCEED THE PRESCRIBED MAXIMUM PULLING TENSION RECOMMENDED BY THE MANUFACTURER.
14. ELECTRICAL CONTRACTOR SHALL NOT EXCEED THE CABLE PULLING FORCE AND MINIMUM CABLE BENDING RADIUS. CABLE TERMINATIONS AT DISTRIBUTION RACKS/CABINETS FOR VOICE AND DATA SHALL BE DRESSED NEATLY AND DONE IN A WORKMANLIKE MANNER. HOOK & LOOP CABLES AND CUT TO LENGTH AT TERMINATION POINTS.
15. WHEN INSTALLING ENHANCED CATEGORY-6 UTP CABLE, MAKE SURE THE CABLE IS NEVER BENT BEYOND A 90 DEGREE ANGLE. A CABLE BEND RADIUS OF 4 TIMES THE DIAMETER OF THE CABLE IS RECOMMENDED. (ON A 4-PAIR CABLE, THIS IS APPROXIMATELY ONE INCH.)
16. ALL CABLES SHALL BE PULLED BY THE ELECTRICAL CONTRACTOR IN CONTINUOUS SPLICE-FREE RUNS, WITH NO FACTORY OR FIELD SPLICES, UNLESS OTHERWISE SHOWN ON THE DRAWINGS AND/OR SPECIFICATIONS.
17. PULLING AND LAYING CABLE ON SHARP EDGES IS NOT PERMITTED.
18. THE CABLE PATHS SHOWN ON DRAWINGS REPRESENT DESIGN INTENT AND APPROXIMATE ROUTING OF CABLES IN HUNG CEILING TO DROP OFF POINTS. ADJUST ACCORDINGLY TO EXISTING FIELD CONDITIONS.
19. QUANTITY OF CABLE IS NOT REPRESENTED. CONTRACTOR SHALL TABULATE QUANTITY BASED UPON COMMUNICATION OUTLET SYMBOLS SHOWN (TYPICAL). CONTRACTOR TO VERIFY IN FIELD AND MAKE ADJUSTMENTS AS REQUIRED.
20. PROVIDE A MINIMUM OF SIX (6) FEET OF SLACK WITH A 12 INCH DIAMETER COIL AT THE STATION END FOR WORKSTATION LOCATIONS. NEATLY COIL AND CONCEAL SLACK ABOVE THE HUNG CEILING AND PROTECT FROM DAMAGE BY WORKMEN PRIOR TO EXTENDING CABLE AND INSTALLING TO VOICE/DATA WORKSTATION OUTLET.
21. ALL VOICE / DATA UTP STATION CABLES SHALL BE HOMERUN BACK TO THE MAIN -OR- IDF COMMUNICATIONS ROOM AS ILLUSTRATED ON THE TECHNOLOGY FLOOR PLANS. REFER TO DETAILS AND ELEVATIONS FOR THE DEMARCATION LOCATIONS OF ALL CABLES.
22. ALL ABANDONED / NON USED CABLES TO BE REMOVED FROM PLENUM SPACES BACK TO THEIR POINT OF ORIGIN.
23. ALL NEW NETWORK EQUIPMENT SHALL BE GROUNDED AND BONDED AS PER CODE.
24. E.C. SHALL ROUTE CABLES IN THE BEST, SHORTEST ROUTE POSSIBLE TO THE NEAREST WIRE CLOSET.
25. E.C. SHALL REMOVE AND REINSTALL CEILING TILES AS REQUIRED TO ACCOMMODATE CABLE INSTALLATIONS.
26. E.C. SHALL FURNISH AND INSTALL ALL NECESSARY COMPONENTS TO FORM A COMPLETE SYSTEM EVEN IF THE COMPONENTS ARE NOT LISTED. REFER TO SPEC SECTION 271501 FOR ADDITIONAL INFORMATION.

FIBER OPTIC CABLE NOTES

1. ALL LASER OPTIMIZED .50 MICRON OM3 MULTIMODE FIBER PLENUM RATED CABLES FOR CLOSET BACKBONE CONNECTIONS SHALL BE A HOMERUN TO THE NETWORK OPERATIONS CENTER (N.O.C.) ROOM OR MDF, AS ILLUSTRATED ON THE TECHNOLOGY FLOOR PLANS.
2. REFERENCING THE CABLE PATHS ILLUSTRATED ON THE TECHNOLOGY FLOOR PLANS, FOR FIBER BACKBONES ON THIS FLOOR, ROUTE THE COMMUNICATIONS CABLES THROUGH THE GYPSUM WALLS, CONCRETE BLOCK AND RACEWAY UP TO THE CEILING CAVITY. FIBER CABLES MAIN PATHWAY WILL BE THE HALLWAYS TO THE N.O.C. ROOM OR MDF.
3. ALL FIBER BACKBONE CABLES SHALL LAND SEQUENTIALLY, BY STRAND, ON THE FIBER BULK HEADS WITHIN THE FIBER PANELS, IN THE RACKS / CABINETS LOCATED IN THE COMMUNICATIONS ROOMS AS INDICATED ON THE TECHNOLOGY FLOOR PLANS.
4. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF THE ROUTING OF CABLES ABOVE THE HUNG CEILING WITH THE ELECTRICAL, MECHANICAL AND GENERAL CONTRACTORS PRIOR TO INSTALLATION.
5. ELECTRICAL CONTRACTOR TO VERIFY CEILING HEIGHTS FOR ALL AREAS PRIOR TO INSTALLING ANY CABLE. ELECTRICAL CONTRACTOR TO COORDINATE THE INSTALLATION OF ANY COMPONENTS IN THE CEILING WITH ALL OTHER TRADES, EQUIPMENT AND FIELD CONDITIONS. ANY CABLE TRANSITIONS ROUTED OVER HVAC DUCTS MUST NOT LAY ON TOP OF THE DUCTS AND MUST BE SUPPORTED OVER THE DUCTS.
6. DO NOT LAY CABLES OVER LIGHTING FIXTURES OR ELECTRICAL MACHINERY IN THE HUNG CEILING. CABLES SHALL BE PLACED AT A MINIMUM OF 12 INCHES AWAY FROM MAGNETIC INDUCING EQUIPMENT.
7. FURNISH AND INSTALL ADDITIONAL SLEEVES (WITH GROMMETED ENDS) AS REQUIRED FOR THE ENTRANCES INTO THE COMMUNICATIONS ROOMS AND ANY OTHER APPLICABLE AREAS. ALL SLEEVES SHALL BE FIRESTOPPED WHEN THE INSTALLATION IS COMPLETED.
8. PROVIDE ALL PENETRATIONS AND RATED PARTITION FIRESTOPPING EVERY TIME A PARTITION IS TRAVERSED ABOVE THE HUNG CEILING. EXISTING FIREPROOFING MATERIAL WHICH IS DISTURBED OR DAMAGED BY THE WORK UNDER THIS CONTRACT SHALL BE REPLACED AND RESTORED TO THE SATISFACTION OF THE OWNER.
9. FURNISH AND INSTALL TRAPEZE, BRIDAL RINGS, CADDY HANGERS, J-HOOKS AND OTHER INDUSTRY ACCEPTED METHODS REQUIRED TO SUPPORT ALL INSTALLED CABLES. DO NOT SUPPORT CABLES ON CEILING BLACK IRON, DROP CEILING GRID OR ON ANY OTHER DEVICES THAT ARE NOT INTENDED FOR THE SUPPORTING OF CABLES. EXCEPT FOR GROUPS OF 10 OR FEWER CABLES, CABLE SUPPORTS SHALL BE ANCHORED TO THE UNDERSIDE OF THE SLAB AND CLAMPED TO BUILDING STEEL.
10. CABLES MUST BE SUPPORTED AT A MINIMUM EVERY SIX (6) FEET AND BUNDLES MUST BE HOOK & LOOPED TOGETHER AT A MINIMUM OF EVERY THREE (3) FEET.
11. ALL CABLES SHALL BE INSPECTED AS THEY ARE PULLED OFF THE REEL FOR ANY OBVIOUS DEFECTS. REPORT ANY DEFECTS IMMEDIATELY TO THE ENGINEER AND HALT FURTHER USE OF THE CABLE FROM THAT REEL, PENDING A DETERMINATION OF THE QUALITY OF THE REEL BY THE MANUFACTURER.
12. ALL CABLES SHALL BE PULLED BY HAND AND CONTINUOUSLY MONITORED BY A TENSION METER SO AS NOT TO EXCEED THE PRESCRIBED MAXIMUM PULLING TENSION RECOMMENDED BY THE MANUFACTURER.
13. ELECTRICAL CONTRACTOR SHALL NOT EXCEED THE CABLE PULLING FORCE AND MINIMUM CABLE BENDING RADIUS. CABLE TERMINATIONS AT DISTRIBUTION RACKS/CABINETS FOR FIBER CABLES SHALL BE DRESSED NEATLY AND DONE IN A WORKMANLIKE MANNER. ALL FIBER CABLES TO BE INSTALLED WITHIN THE FAN TRAY OF THE FIBER PANEL UTILIZING THE APPROPRIATE BEND RADIUS AT TERMINATION POINTS.
14. WHEN INSTALLING FIBER CABLE, MAKE SURE THE CABLE IS NEVER BENT BEYOND A 90 DEGREE ANGLE. A CABLE BEND RADIUS OF 10 TIMES THE DIAMETER OF THE CABLE IS RECOMMENDED. (ON A 12-STRAND CABLE, THIS IS APPROXIMATELY TWO INCHES.)
15. ALL CABLES SHALL BE PULLED BY THE ELECTRICAL CONTRACTOR IN CONTINUOUS SPLICE-FREE RUNS, WITH NO FACTORY OR FIELD SPLICES, UNLESS OTHERWISE SHOWN ON DRAWINGS AND/OR SPECIFICATIONS.
16. PULLING AND LAYING CABLE ON SHARP EDGES IS NOT PERMITTED.
17. THE CABLE PATHS SHOWN ON DRAWINGS REPRESENT DESIGN INTENT AND APPROXIMATE ROUTING OF CABLES IN HUNG CEILING TO DROP OFF POINTS. ADJUST ACCORDINGLY TO EXISTING FIELD CONDITIONS.
18. QUANTITY OF CABLE IS NOT REPRESENTED. CONTRACTOR SHALL TABULATE QUANTITY BASED UPON COMMUNICATION OUTLET SYMBOLS SHOWN (TYPICAL). CONTRACTOR TO VERIFY IN FIELD AND MAKE ADJUSTMENTS AS REQUIRED.
19. PROVIDE A MINIMUM OF SEVEN (7) FEET OF SLACK AT BOTH THE COMMUNICATIONS ROOM END AND THE N.O.C. ROOM OR MDF. NEATLY COIL SLACK AND ATTACH TO THE RACK/CABINET USING HOOK AND LOOP.
20. ALL FIBER OPTIC CABLE TO BE HOMERUN BACK TO THE N.O.C. ROOM OR MDF AS INDICATED. REFER TO DETAIL PLANS AND ELEVATIONS FOR THE DEMARCATION LOCATIONS OF ALL CABLES.
21. ALL ABANDONED/NON USED CABLES TO BE REMOVED FROM THE PLENUM SPACES BACK TO THE POINT OF ORIGIN.
22. ALL NEW NETWORK EQUIPMENT SHALL BE GROUNDED AND BONDED AS PER CODE.
23. E.C. SHALL FURNISH AND INSTALL ALL NECESSARY COMPONENTS TO FORM A COMPLETE SYSTEM EVEN IF THE COMPONENTS ARE NOT LISTED. REFER TO SPEC SECTION 271501 FOR ADDITIONAL INFORMATION.

TECHNOLOGY SYMBOL LEGEND

SYMBOL	DESCRIPTION
X	KEYED NOTE
NAME / XXX / XXX SF	ROOM TAG
# / AX.XX	DETAIL TAG — DETAIL NUMBER — DRAWING NUMBER
	LOCATION OF NEW LOCAL WIRE CLOSET. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
E	LOCATION OF EXISTING LOCAL WIRE CLOSET. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW SINGLE DATA DROP. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW MULTI DATA DROP. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW PHONE LOCATION. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
E	LOCATION OF EXISTING SINGLE DATA DROP. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
E	LOCATION OF EXISTING MULTI DATA DROP. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
E	LOCATION OF EXISTING PHONE LOCATION. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
W.A.P. 001	LOCATION OF NEW WIRELESS ACCESS POINT. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
W.A.P. E	LOCATION OF EXISTING WIRELESS ACCESS POINT. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
PROJ.	LOCATION OF NEW PROJECTOR. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
PROJ. E	LOCATION OF EXISTING PROJECTOR. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW DROP DOWN PROJECTION SCREEN. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
P	LOCATION OF NEW DATA/POWER POKE THROUGH. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF DATA/POWER RACEWAY. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
C	LOCATION OF NEW CATV STATION. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
RWB	LOCATION OF NEW RECESSED DATA/POWER WALL BOX. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
WB	LOCATION OF NEW DATA/POWER WALL BOX. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
FLBX	LOCATION OF NEW DATA/POWER FLOOR BOX. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
D001	INDICATES DATA DROP ID NUMBER. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
V001	INDICATES VOICE DROP ID NUMBER. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW DATA/POWER POLE. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
1	REVISION CLOUD AND KEYED DESIGNATION.

SECURITY SYMBOL LEGEND

SYMBOL	DESCRIPTION
X	KEYED NOTE
NAME / XXX / XXX SF	ROOM TAG
# / AX.XX	DETAIL TAG — DETAIL NUMBER — DRAWING NUMBER
	LOCATION OF EXISTING INTERIOR SECURITY CAMERA. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF EXISTING EXTERIOR CAMERA. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW INTERIOR SECURITY CAMERA. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW EXTERIOR SECURITY CAMERA. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
P	LOCATION OF NEW SECURITY PANIC BUTTON. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW ACCESS CONTROL CARD READER. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF EXISTING ACCESS CONTROL CARD READER. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
R	LOCATION OF NEW REQUEST FOR EXIT SENSOR. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW VIDEO INTERCOM CALL BOX. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
DC	LOCATION OF NEW ACCESS CONTROL DOOR CONTACT. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
ES	LOCATION OF NEW ELECTRONIC DOOR STRIKE. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW MOTION DETECTOR. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW VIDEO INTERCOM STATION PHONE. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
H	LOCATION OF NEW SECURITY HORN. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
S	LOCATION OF NEW SECURITY STROBE. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
HS	LOCATION OF NEW SECURITY HORN STROBE. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF EXISTING/NEW LOCAL WIRE CLOSET. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
1	REVISION CLOUD AND KEYED DESIGNATION.

REV.	DATE	ITEM

NOTICE

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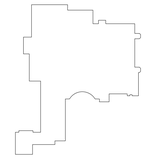

KEY PLAN — NOT TO SCALE

PROJECT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE: TECHNOLOGY
GENERAL NOTES

DRAWING BY: GJL
CHECK BY: - - -

NOTICE

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BBS
ARCHITECTS
LANDSCAPE ARCHITECTS
ENGINEERS

244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

187 WOLF ROAD, STE. 205
ALBANY
NEW YORK 12205
T. 518.621.7650
F. 518.621.7655

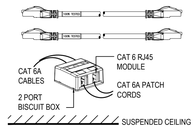
www.BBSARCHITECTURE.com

SED No.	66-19-05-02-0-002-022
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	TECHNOLOGY GENERAL NOTES
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142a

E9.00

QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	ISB2OW	2 PORT BISCUIT BOX - OFFICE WHITE	HUBBELL
2	HC6B10	10' PATCH CORD	HUBBELL
2	HXJ6B	RJ45 DATA CONNECTOR - BLUE	HUBBELL

NOTES:
1. SECURE BISCUIT BOX TO BUILDING STRUCTURE
2. REFER TO DRAWINGS FOR QUANTITIES

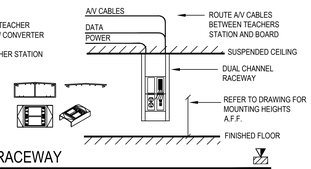


1 TYPICAL CAT 6A WIRELESS ACCESS POINT

SCALE: N.T.S.

QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	PB2CACF	CEILING FITTING	HUBBELL
AS REQ.	PB2C10	DUAL CHANNEL RACEWAY COVER	HUBBELL
AS REQ.	PB2B10	DUAL CHANNEL RACEWAY BASE	HUBBELL
2	PB2IND2G	INLINE BOX 2 GANG	HUBBELL
1	PB3ECA	END CAP	HUBBELL
3	KP26	DECORA DUPLEX FACEPLATE	HUBBELL
1	DR20WHTR	DUPLEX TAMPER RESISTANT 20AMP OUTLET	HUBBELL
1	KP14	BLANK PLATE	HUBBELL
2	HXJ6B	RJ45 CAT 6 CONNECTOR BLUE	HUBBELL
2	KPIMBZOW	KP MODULE BEZEL	HUBBELL
1	ISF2OW	2 PORT RJ45 FRAME	HUBBELL
1	WP-1014-WH	SINGLE GANG PASS THROUGH WITH BRUSH	LEGRAND
1	CAT5-XT-1100	CAT 5/6 USB EXTENDERS FOR SMART BOARD TO PC	SMART TECHNOLOGIES

NOTES:
1. REFER TO DRAWINGS FOR QUANTITY
2. EC TO ROUTE CAT6 THROUGH BRUSHBOX AND ROUTE BETWEEN TEACHER STATION AND INTERACTIVE BOARD LOCATION. USE USB EXTENDER / CONVERTER TO CONNECT.
3. EC TO ROUTE HDMI CABLE THROUGH BRUSHBOX BETWEEN TEACHER STATION AND INTERACTIVE BOARD.

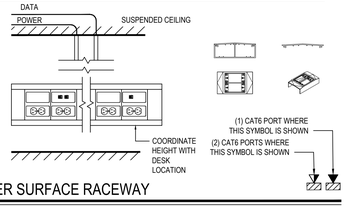


2 TYPICAL INTERACTIVE BOARD RACEWAY

SCALE: N.T.S.

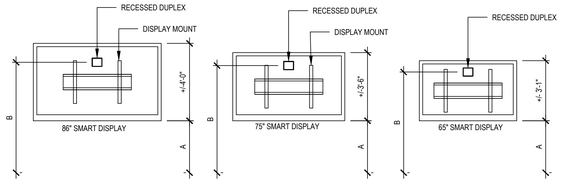
QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
AS REQD	PB2C10	DUAL CHANNEL RACEWAY COVER	HUBBELL
AS REQD	PB2B10	DUAL CHANNEL RACEWAY BASE	HUBBELL
AS REQD	PB2IND2G	INLINE BOX 2 GANG	HUBBELL
1	PB3ECA	END CAP	HUBBELL
AS REQD	KP8	DUPLEX RECEPTACLE	HUBBELL
AS REQD	REFER TO E4.XX	DUPLEX RECEPTACLE	HUBBELL
1	KPIMBZOW	KP MODULE BEZEL	HUBBELL
AS REQD	HXJ6B	CAT6 RJ45 CONNECTOR	HUBBELL
AS REQD	ISF2OW	2 PORT COMMUNICATION PLATE	HUBBELL
AS REQD	KP14	BLANK PLATE	HUBBELL

NOTES:
1. REFER TO DRAWINGS FOR QUANTITY
2. COORDINATE HEIGHT WITH DESK LOCATION
3. ALLOW 3' ON CENTER BETWEEN EACH DROP



3 TYPICAL DATA/POWER SURFACE RACEWAY

SCALE: N.T.S.



GRADE	A	B 86" DISPLAY	B 75" DISPLAY	B 65" DISPLAY
PRE-K-2ND	24"	60"	58"	54"
3RD-5TH	28"	64"	62"	58"
6TH-8TH	32"	68"	66"	62"
9TH-12TH	36"	72"	70"	66"

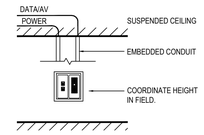
4 TYPICAL INTERACTIVE BOARD MOUNTING HEIGHT

RWB

SCALE: N.T.S.

QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	HBL985	RECESSED WALL BOX 2 GANG DRY WALL	HUBBELL
1	HBLTRIM2WWA	WALL BOX TRIM RING - OFFICE WHITE	HUBBELL
1	NS612LA	2 PORT MODULE DECORATOR FRAME	HUBBELL
1	NP262LA	2 GANG DECORATOR STYLE FACE PLATE	HUBBELL
2	HXJ6B	CAT6 RJ45 CONNECTOR - BLUE	HUBBELL
1	WP-1014-WH	SINGLE GANG PASS THROUGH W/ BRUSH	LEGRAND
1	P568-035	HDMI MALE TO MALE CABLE	TRIPP LITE

NOTES:
1. REFER TO DRAWINGS FOR QUANTITY
2. COORDINATE HEIGHT AS NOTED ON DRAWING OR IN FIELD WITH OWNER.
3. INSTALL CONDUIT AS NEEDED
4. CONTRACTOR TO PROVIDE AND INSTALL HDMI & USB 3.0 CABLE



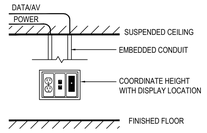
5 TYPICAL SMART DISPLAY RECESSED WALL BOX

RWB

SCALE: N.T.S.

QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	HBL986	RECESSED WALL BOX 3 GANG DRY WALL	HUBBELL
1	HBLTRIM3WI	WALL BOX TRIM RING	HUBBELL
1	NS612W	2 PORT MODULE DECORATOR FRAME	HUBBELL
1	DR20ALTR	TAMPER RESISTANT DUPLEX OUTLET	HUBBELL
1	HBLST301SWA	DUPLEX DECORATOR FACEPLATE	HUBBELL
1	NP263LA	3 GANG DECORATOR STYLE FACE PLATE	HUBBELL
2	HXJ6B	CAT6 RJ45 CONNECTOR - BLUE	HUBBELL
1	WP-1014-WH	SINGLE GANG PASS THROUGH W/ BRUSH	LEGRAND
1	P568-050	HDMI MALE TO MALE CABLE - 50 FT.	TRIPP LITE

NOTES:
1. REFER TO DRAWINGS FOR QUANTITY
2. INSTALL CONDUIT AS NEEDED
4. CONNECT HDMI CABLE TO MAIN DISPLAY IN ROOM



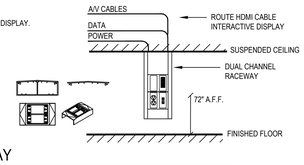
6 LED DISPLAY RECESSED WALL BOX

RWB

SCALE: N.T.S.

QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	PB2CACF	CEILING FITTING	HUBBELL
AS REQ.	PB2C10	DUAL CHANNEL RACEWAY COVER	HUBBELL
AS REQ.	PB2B10	DUAL CHANNEL RACEWAY BASE	HUBBELL
2	PB2IND2G	INLINE BOX 2 GANG	HUBBELL
1	PB3ECA	END CAP	HUBBELL
3	KP26	DECORA DUPLEX FACEPLATE	HUBBELL
1	DR20WHTR	DUPLEX TAMPER RESISTANT 20AMP OUTLET	HUBBELL
1	KP14	BLANK PLATE	HUBBELL
2	HXJ6B	RJ45 CAT 6 CONNECTOR BLUE	HUBBELL
2	KPIMBZOW	KP MODULE BEZEL	HUBBELL
1	ISF2OW	2 PORT RJ45 FRAME	HUBBELL
1	WP-1014-WH	SINGLE GANG PASS THROUGH WITH BRUSH	LEGRAND
1	P568-050	HDMI MALE TO MALE CABLE - 50 FT.	TRIPP LITE

NOTES:
1. REFER TO DRAWINGS FOR QUANTITY
2. EC TO ROUTE HDMI THROUGH BRUSHBOX TO MAIN INTERACTIVE DISPLAY.

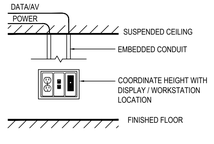


7 TYPICAL LED DISPLAY RACEWAY

SCALE: N.T.S.

QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	HBL986	RECESSED WALL BOX 3 GANG DRY WALL	HUBBELL
1	HBLTRIM3WI	WALL BOX TRIM RING	HUBBELL
1	NS612W	2 PORT MODULE DECORATOR FRAME	HUBBELL
1	DR20ALTR	TAMPER RESISTANT DUPLEX OUTLET	HUBBELL
1	HBLST301SWA	DUPLEX DECORATOR FACEPLATE	HUBBELL
1	NP263LA	3 GANG DECORATOR STYLE FACE PLATE	HUBBELL
2	HXJ6B	CAT6 RJ45 CONNECTOR - BLUE	HUBBELL
1	WP-1014-WH	SINGLE GANG PASS THROUGH W/ BRUSH	LEGRAND
1	P568-050	HDMI MALE TO MALE CABLE - 50 FT.	TRIPP LITE
1	CAT5-XT-1100	CAT 5/6 USB EXTENDERS FOR SMART BOARD TO PC	SMART TECHNOLOGIES

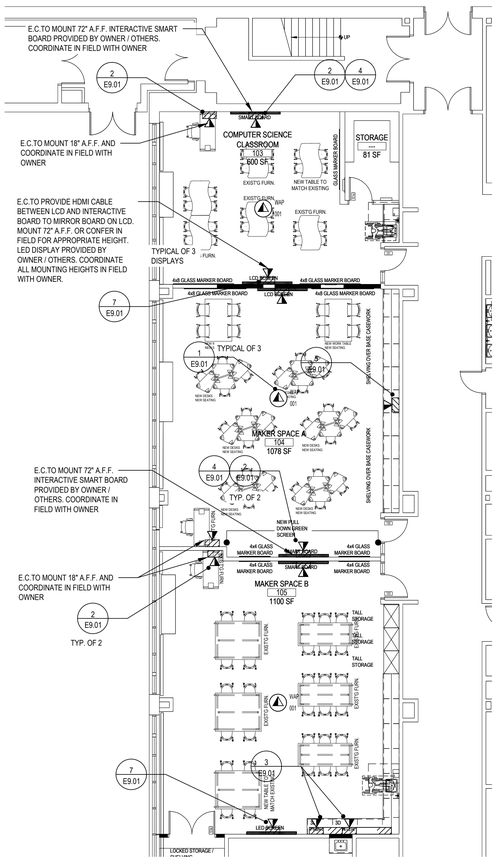
NOTES:
1. REFER TO DRAWINGS FOR QUANTITY
2. INSTALL CONDUIT AS NEEDED
3. EC TO ROUTE CAT6 THROUGH BRUSHBOX AND ROUTE BETWEEN TEACHER STATION AND INTERACTIVE BOARD LOCATION. USE USB EXTENDER / CONVERTER TO CONNECT.



8 LED DISPLAY RECESSED WALL BOX

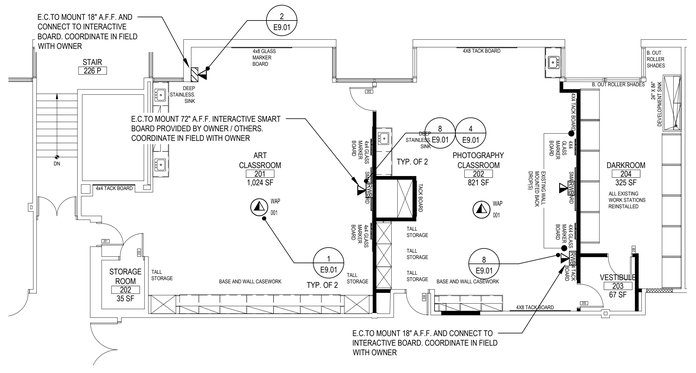
RWB

SCALE: N.T.S.



PROPOSED FIRST FLOOR PLAN

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



PROPOSED SECOND FLOOR PLAN

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

REV.	DATE	ITEM

NOTICE

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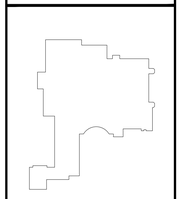

KEY PLAN

NOT TO SCALE

PROJECT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK MIDDLE/HIGH SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE: TECHNOLOGY
DATA PLAN

DRAWING BY: GJL
CHECK BY: - - -

NOTICE

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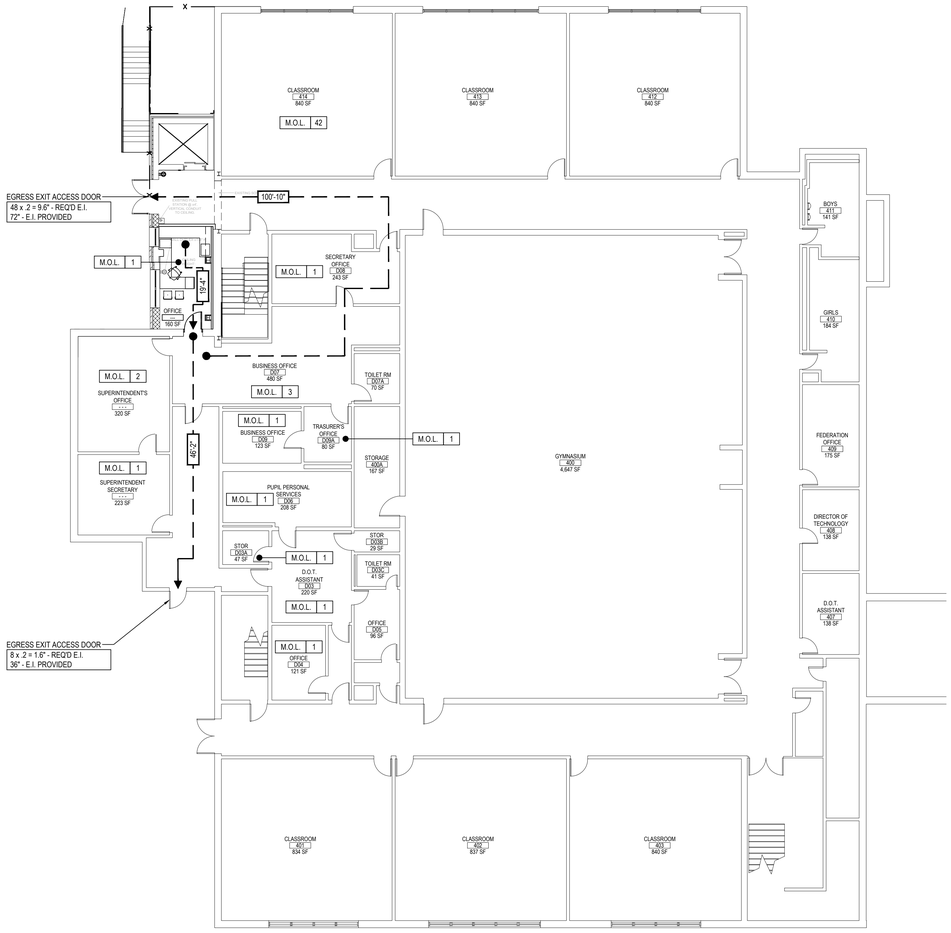
BBS
ARCHITECTS
LANDSCAPE ARCHITECTS
ENGINEERS
244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361
100 GREAT OAKS BLVD.
SUITE 115, ALBANY
NEW YORK 12203
T. 518.621.7650
F. 518.621.7655
www.BBSARCHITECTURE.com

SED No.	66-19-05-02-0-002-022
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	TECHNOLOGY DATA PLAN
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142a

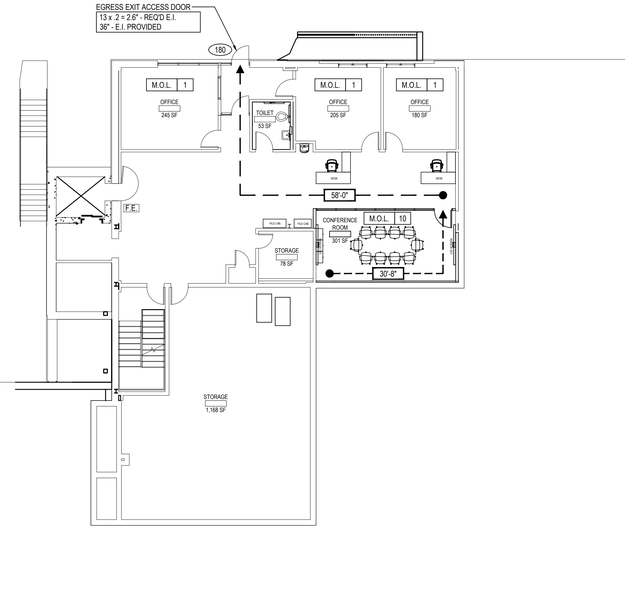
E9.01



LOWER LEVEL CODE COMPLIANCE PLAN

NOTE:

SCALE: 3/32" = 1'-0"



BASEMENT CODE COMPLIANCE PLAN

NOTE:

SCALE: 3/32" = 1'-0"

TRAVEL DISTANCE LEGEND

XXX'-XX" — COMMON PATH OF EGRESS TRAVEL DISTANCE - [XXX'-XX"] DENOTES TRAVEL DISTANCE FOR THE SEGMENT INDICATED PER IBC TABLE 1006.2.1

XXX'-XX" — EXIT ACCESS TRAVEL DISTANCE - [XXX'-XX"] DENOTES TRAVEL DISTANCE FOR THE SEGMENT INDICATED

GENERAL CODE COMPLIANCE NOTES

1. REFER TO E-SERIES DRAWINGS FOR ALL NEW / EXISTING LIFE SAFETY INFORMATION INCLUDING BUT NOT LIMITED TO PULL STATIONS, EMERGENCY EXIT LIGHTS, EMERGENCY EXIT SIGNS, ETC.
2. ALL NEW CORRIDOR WALLS SHALL BE CONSTRICTED TO ACHIEVE ONE (1) HOUR FIRE SEPARATION FROM ADJACENT SPACES. HOLD CMU 1" FROM DECK, PACK ALL VOIDS WITH SAFING INSULATION AND SEAL EACH SIDE WITH SPEED SPRAY CP 672 (TO A THICKNESS APPLICABLE TO THE WALL RATING) AS MANUFACTURED BY 'HILTT TO PROVIDE AN UNDERWRITERS LABORATORY APPROVED FIRE RATED JOINT SYSTEM.
3. NEW CORRIDOR FINISHES SHALL BE CLASS 'A'.
4. NEW ROOF SYSTEM SHALL BE CLASS 'A'.

WIND DESIGN DATA:

SUFFOLK COUNTY

DESIGN CRITERIA		REFERENCE
ULTIMATE WIND SPEED	130 MPH	ASCE 7-16 FIG. 26.5-1C IBC 1609.3(2)
RISK CATEGORY	III	ASCE 7-16 TABLE 1.5-1 IBC TABLE 1604.5
WIND EXPOSURE	CATEGORY B	ASCE 7-16 SECTION 26.7.3 IBC 1609.4.3
INTERNAL PRESSURE COEFFICIENT	GCpi= ;0.18 ENCLOSED	ASCE 7-16 TABLE 26.13-1
COMPONENTS AND CLADDING ZONES 1-3: ROOF PROJECTS ZONES 4-5: WINDOW PROJECTS	ZONE 1 = +30/ -51 PSF 2 = +30/ -82 PSF 3 = +30/ -123 PSF 4 = +41/ -52 PSF 5 = +41/ -66 PSF	ASCE 7-16 FIGURE 30.4-1 EQUATION 30.4-1 (STRUCTURES LESS THAN 60ft. HIGH) ASCE 7-16 FIGURE 30.6-1 EQUATION 30.6-1 (STRUCTURES 60ft. AND HIGHER)

CODE COMPLIANCE SYMBOL LEGEND

SYMBOL	DESCRIPTION
F.E.	NEW OR EXISTING FIRE EXTINGUISHER
D.F.	NEW OR EXISTING DRINKING FOUNTAIN
S.D.	NEW OR EXISTING SMOKE DOOR
R.W.	RESCUE WINDOW LOCATION
360	DOOR / STAIR EXITING CAPACITY
E	INDICATES BUILDING ENTRANCE / EXIT
	INDICATES ACCESSIBLE ENTRANCE / EXIT
I.D.	TRUSS / JOIST IDENTIFICATION SIGN
M	DOORS ON MAGNETIC AUTOMATIC HOLD OPEN DEVICE CONNECTED TO FIRE ALARM SYSTEM
M.O.L. 45 P.S. 27	MAXIMUM OCCUPANCY LOAD AND PUPIL STATION COUNT (PER N.Y.S. BUILDING CODE) PUPIL STATION COUNT

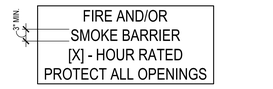
FIRE RESISTANCE RATING DESCRIPTIONS

REFER TO U.L. RATED ASSEMBLY DESCRIPTIONS AND DOCUMENTATION FOR COMPLETE RATED CONSTRUCTION AND FIRE RESISTANCE REQUIREMENTS.

- SMOKE PARTITION - (1) HR RATED CONSTRUCTION - CONSTRUCT PARTITION IN ACCORDANCE WITH IBC 2018 SECTION 710 SMOKE PARTITIONS. EXTEND FROM FINISHED FLOOR TO BOTTOM OF FLOOR/ROOF STRUCTURE ABOVE AND SEAL AT TOP, BOTTOM, AND ALL PENETRATIONS TO PROHIBIT THE PASSAGE OF SMOKE THROUGH EACH SMOKE COMPARTMENT.
- FIRE PARTITION - (1) HR RATED CONSTRUCTION
U.L. RATED U905/U906 OR U419
- FIRE BARRIER - (2) HR RATED CONSTRUCTION
U.L. RATED U905/U906 OR U419
- FIRE WALL - (2) HR RATED CONSTRUCTION
U.L. RATED U905/U906
- STRUCTURAL FIRE PROTECTION REQUIREMENTS (NON-SPRINKLERED)
PER SECTION 903.2.3, THE FOLLOWING SHALL BE PROVIDED:
  - 2 HR. HORIZONTAL FIRE BARRIER (UL D925)
  - 2 HR. FIRE RESISTANCE RATING (UL X632) AT ALL COLUMNS SUPPORTING THE SECOND FLOOR ONLY (COLUMN FIRE PROTECTION SHALL EXTEND FROM FINISH FIRST FLOOR TO TOP OF SECOND FLOOR SLAB).

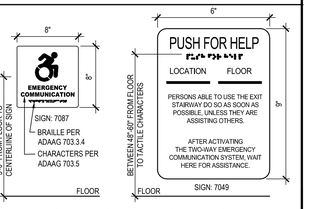
- TYPICAL 8" CMU WALL ASSEMBLY
SHALL CONFORM TO U.L. DESIGN U905. PROVIDES A MAXIMUM 2 HR. RATING. (REFER TO PLAN FOR ALL 1 HR. AND 2 HR. WALL ASSEMBLY LOCATIONS) TO INCLUDE: ALL CONCRETE BLOCK SHALL BE CLASSIFIED D-2 (2HR). CONTRACTOR TO PROVIDE ARCHITECT WITH WRITTEN CERTIFICATION FROM SUPPLIER. ALL MORTAR FOR BLOCK WORK SHALL BE LAID IN FULL BED, NORMAL ⅜" THICK. VERTICAL JOINTS TO BE STAGGERED.
- TYPICAL 5" GYP. BD. WALL ASSEMBLY
SHALL CONFORM TO U.L. DESIGN U419. PROVIDES A MAXIMUM 1 HR. RATING. COMPOSITION TO BE 3⅝" METAL STUDS WITH (1) LAYER ⅝" FIRECODE GYP. BD. EACH SIDE. CONTRACTOR TO PROVIDE ARCHITECT WITH WRITTEN CERTIFICATION FROM SUPPLIER.
- WHERE APPLICABLE IN THE U.L. DESIGN, FIRE RATINGS SHALL BE ACHIEVED UTILIZING SPRAY APPLIED FIREPROOFING ON STRUCTURAL COMPONENTS AND/OR BY DECKING MATERIAL THICKNESS AND COVERAGE AS SPECIFIED IN DESIGNATED U.L. DESIGNS.
- D925/ P819 - 2 HR. RATED FLOOR AND ROOF CONSTRUCTION - SPRAY APPLIED FIREPROOFING SHALL BE "ISOLOTEK" BLAZE SHIELD II LOW DENSITY SPRAY APPLIED FIREPROOFING OR ARCHITECT APPROVED EQUAL. REFER TO SPECIFICATION SECTION 078100 FOR ADDITIONAL INFORMATION.
- X632 - 2 HR. RATED COLUMNS - AT ALL COLUMNS SUPPORTING THE SECOND FLOOR ONLY (COLUMN FIRE PROTECTION SHALL EXTEND FROM FINISH FIRST FLOOR TO TOP OF SECOND FLOOR SLAB). THIN-FILM INTUMESCENT FIELD APPLIED COATING(S) SHALL BE 'NULLIFIRE' S606 BASECOAT (AND TOP SEAL FOR ALL EXPOSED COLUMNS). PRIMER AND TOP SEAL MUST BE COMPATIBLE WITH BASECOAT SYSTEM. REFER TO SPECIFICATION SECTION 078100 FOR ADDITIONAL INFORMATION.
- FOR FIRESTOPPING PRODUCTS AND REQUIREMENTS, REFER TO SPECIFICATION SECTION 078413 AND SECTION 078443.

FIRE RATED WALL IDENTIFICATION DETAIL



1. AS REQUIRED BY IBC SECTION 703.7; THE G.C. SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MARKING AND IDENTIFICATION SIGNS INDICATING, FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND OR SMOKE PARTITIONS AT ALL CONCEALED SPACES ABOVE ACCESSIBLE CEILINGS.
2. G.C. SHALL PROVIDE SIGNS WITHIN 15 FEET OF EACH END OF WALL AND AT INTERVALS OF 30 FEET MAX. HORIZONTALLY ALONG WALL.
3. PROVIDE SIGNS AS MANUFACTURED BY 'FIRE WALL SIGNS, INC.' OR ARCHITECT APPROVED EQUAL.
4. REFER TO CODE COMPLIANCE FLOOR PLANS FOR LOCATIONS AND APPLICABLE HOURLY DESIGNATIONS OF RATED WALL CONSTRUCTION.

2-WAY COMMUNICATION SIGNAGE DETAILS



G.C. SHALL PROVIDE AND INSTALL ONE (1) SIGN AT EACH LOCATION IDENTIFIED "A.O.R." ON THE CONTRACT DOCUMENTS. REFER TO E-SERIES DRAWINGS FOR ADD'L INFO.

APPLICABLE CODE

THE PROPOSED WORK IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT VERSION OF THE SED MANUAL OF PLANNING STANDARDS, THE 2020 COMPILATION OF THE INTERNATIONAL BUILDING CODE, NEW YORK STATE VERSION, IN CONJUNCTION WITH NEW YORK STATE 2016 AND 2017 CODE SUPPLEMENTS.

REV.	DATE	ITEM

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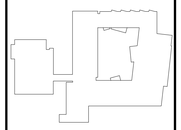

KEY PLAN

NOT TO SCALE

PROJECT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK ELEMENTARY SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE: BASEMENT and LOWER LEVEL CODE COMPLIANCE PLAN

DRAWING BY: ---

CHECK BY: ---

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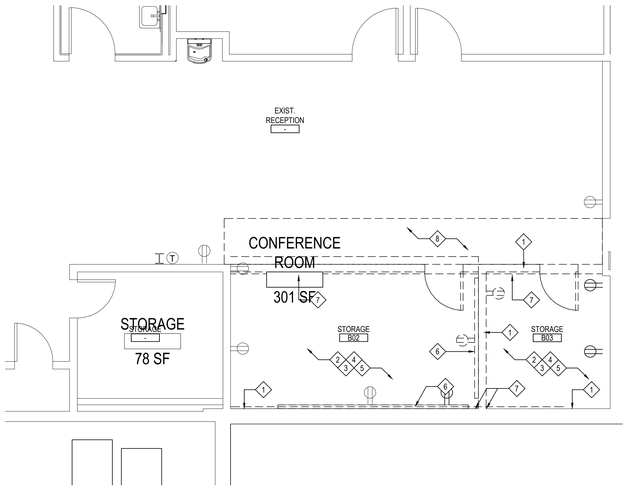
BBS
ARCHITECTS
LANDSCAPE ARCHITECTS
ENGINEERS
244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361
100 GREAT OAKS BLVD.
SUITE 115, ALBANY
NEW YORK 12203
T. 518.621.7650
F. 518.621.7655
www.BBSARCHITECTURE.com

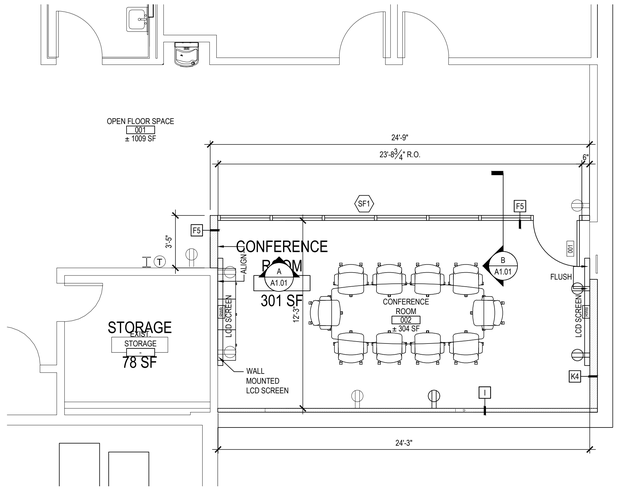
SED No.	66-19-05-02-0-001-018
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	BASEMENT and LOWER LEVEL CODE COMPLIANCE PLANS
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142b

A0.01



ENLARGED FIRST FLOOR PLAN - DEMOLITION PLAN

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



ENLARGED FIRST FLOOR PLAN - PROPOSED CONFERENCE ROOM

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

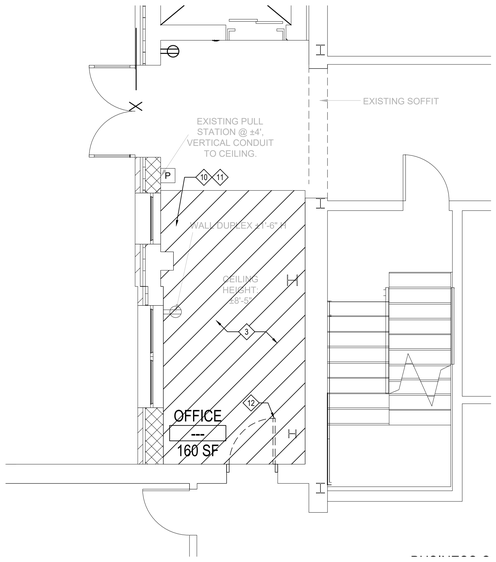
APPLIED VINYL PRIVACY FILM

APPLIED VINYL PRIVACY FILM

- FROSTED SOLID AT CONFERENCE ROOM

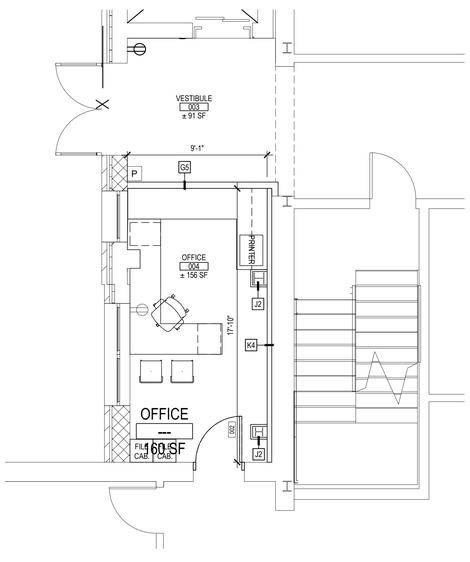
ALL PRIVACY FILM 30" HIGH, BOTTOM AT 30" A.F.F.

CONTACT: 71 VISUALS (631) 532-6146



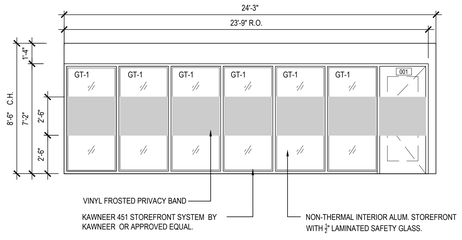
ENLARGED LOWER LEVEL - DEMOLITION PLAN

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



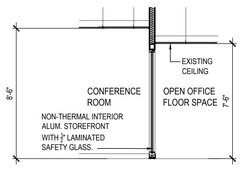
ENLARGED LOWER LEVEL - PROPOSED OFFICE PLAN

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



A STOREFRONT(SF1) - CONFERENCE ROOM

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



B SECTION

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

DEMOLITION and REMOVAL NOTES

1. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVALS, UNLESS NOTED OTHERWISE. MECHANICAL, PLUMBING AND ELECTRICAL CONTRACTORS SHALL BE RESPONSIBLE FOR ALL DISCONNECTS. G.C. TO COORDINATE DEMOLITION WITH M.C., P.C., AND E.C. REFER TO M.E.P. SERIES DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION AND DEMOLITION SCOPE BY GENERAL CONTRACTOR NOT SHOWN THIS DRAWING. TYPICAL FOR ALL AREAS OF INTERIOR DEMOLITION AND / OR RECONSTRUCTION.
2. ALL OPENINGS IN EXISTING INTERIOR AND EXTERIOR WALLS SHALL BE PATCHED AS REQUIRED AND MASONRY TOOTHED-IN TO MATCH ADJACENT.
3. G.C. SHALL PATCH, REPLACE, OR REPAIR DAMAGE CAUSED TO EXIST. FLOOR, WALLS, ROOF, ETC. SHOWN TO REMAIN AS A RESULT OF DEMOLITION TO PRIOR CONDITION OR MATCH ADJACENT NEW CONSTRUCTION.
4. G.C. SHALL VERIFY ALL REMOVALS W/ OWNERS REPRESENTATIVE/OWNER, AND M.C., P.C., OR E.C. PRIOR TO COMMENCEMENT.
5. NOTED WALL REMOVALS SHALL INCLUDE ALL DOORS AND FRAMES WHERE SHOWN.

DEMOLITION KEY NOTES

1. EXISTING WALL TO BE REMOVED AND DISPOSED OF INCLUDING ANY DOORS, FRAMES AS INDICATED ON FLOOR PLANS.
2. EXISTING SURFACE MOUNTED LIGHT FIXTURES TO BE DISCONNECTED BY E.C., REMOVED AND DISPOSED OF BY THE G.C. REFER TO E-SERIES DRAWINGS.
3. EXISTING SMOKE DETECTORS TO REMOVED AND REINSTALLED BY E.C.
4. EXISTING, PLYWOOD PLATFORM, V.C.T. FLOORING, RUBBER COVE BASE AND ANY ADHESIVE AND / OR MASTIC TO BE REMOVED AND DISPOSED OF. EXISTING CONCRETE FLOOR SLAB SHALL BE CLEANED OF ALL DEBRIS AND PREPPED FOR SELF LEVELING COMPOUND.
5. ALL LOOSE FURNISHINGS, FILE CABINETS, DESKS, SHELVING, ETC. TO BE REMOVED BY OWNER.
6. EXISTING FIN TUBE TO BE REMOVED IN IT'S ENTIRETY. M.C. TO CUT AND CAP LINES AS REQUIRED.
7. EXISTING CONDUIT TO BE REMOVED AND RELOCATED AS REQUIRED.
8. APPROXIMATE AREA OF CEILING AND GRID DEMOLITION. PATCH CEILING AND RELOCATE CEILING FIXTURES AS REQUIRED TO ALLOW NEW WALL CONSTRUCTION. REFER TO SHEET A10.01 FOR REFLECTED CEILING PLAN AND ADDITIONAL DETAILS.
9. EXISTING GYP. BOARD LAMINATION OVER EXISTING WALL TO BE REMOVED AND DISPOSED OF. PREP EXISTING WALL TO RECEIVE NEW GYP. BOARD WALL.
10. HATCHED AREA INDICATES AREA OF EXISTING CEILING TILES TO BE REMOVED AND DISPOSED OF BY THE G.C. NEW CEILING TO BE INSTALLED. EXISTING RECESSED MOUNTED LIGHT FIXTURES TO BE REMOVED AND REINSTALLED BY E.C., REFER TO E-SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
11. HATCHED AREA INDICATES AREA OF EXISTING FLOOR TILE / RUBBER WALL BASE AND ALL OTHER RELATED ELEMENTS WITHIN NEW OFFICE FLOOR SPACE TO BE REMOVED AND DISPOSED OF IN ITS ENTIRETY. PREP AREA FOR NEW FLOOR FINISHES. REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
12. EXISTING METAL DOOR TO BE REMOVED. PREP AREA TO RECEIVE NEW DOOR AND FRAME. REFER TO DOOR SCHEDULE FOR ADDITIONAL INFORMATION.

NOTES ON INTERIOR WINDOWS

1. INTERIOR WINDOWS TO BE TRIFAB 451 ALUMINUM STOREFRONT FRAMING SYSTEM, AS MANUFACTURED BY KAWNEER, OR APPROVED EQUAL, UNLESS NOTED OTHERWISE.
2. G.C. TO VERIFY ALL FIELD CONDITIONS AND DIMENSIONS IN THE FIELD AND PREPARE FULLY DETAILED, PROJECT SPECIFIC SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.

ARCHITECTURAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
X	KEYED NOTE
XXX	DOOR NUMBER
WX	WINDOW DESIGNATION
XXXX ROOM NAME XXX ROOM NUMBER XXX SF ROOM AREA	ROOM TAG
XX	DENOTES INTERIOR PARTITION TYPE - REFER TO PARTITION TYPES FOR ADDITIONAL INFORMATION.
F.E.	DENOTES LOCATION OF RECESSED FIRE EXTINGUISHER WITH FIRE RATED CABINET.
	EXISTING CONSTRUCTION TO BE REMOVED (PATCH ALL REMAINING SURFACES)
	DENOTES ACCESSIBLE ENTRANCE/EXIT, FIXTURE, ACCESSORY, DEVICE, OR PARTICIPATION AREA.

GENERAL CONSTRUCTION NOTES

1. GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING AND PROCEEDING WITH WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES IN WRITING PRIOR TO START OF WORK.
2. IN ACCORDANCE WITH STATE AND LOCAL CODES, THE REQUIRED EXITS IN THE EXISTING BUILDING MUST BE KEPT CLEAR, MAINTAINED AND PROTECTED DURING THE CONSTRUCTION PERIOD.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS REQUIRED FOR ESTIMATING.
4. ALL WORK AND MATERIAL OF THIS PROJECT AND ADJACENT SURFACES SHALL BE PROTECTED FROM DAMAGE. IN THE EVENT OF DAMAGE, THE CONTRACTOR SHALL IMMEDIATELY MAKE ALL REPAIRS AND REPLACEMENT NECESSARY TO THE APPROVAL OF THE ARCHITECT AND OWNER AND AT NO ADDITIONAL COST TO OWNER.
5. CONTRACTOR SHALL PROTECT ALL AREAS OF WORK FROM INCLEMENT WEATHER DURING AND AT THE END OF DAILY WORK OPERATIONS.
6. ALL PROJECT WASTE MATERIAL AND RUBBISH SHALL BE DISPOSED IN CONTAINERS PROVIDED BY THE CONTRACTOR FOR SUBSEQUENT LEGAL OFF-SITE DISPOSAL. CONTAINER LOCATION TO BE COORDINATED WITH THE OWNER & CONSTRUCTION MANAGER. OFF-SITE DISPOSAL TO BE ON A REGULAR BASIS.
7. ALL INTERIOR SURFACES DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED AND/OR REPLACED TO MATCH EXISTING CONDITIONS TO THE APPROVAL OF THE ARCHITECT AND OWNER.
8. ALL DEBRIS, DUST AND DIRT CAUSED BY WORK OF THIS CONTRACT SHALL BE REMOVED FROM SITE BY APPROPRIATE MEANS. RESTORE ALL CONDITIONS TO THE STATE OF CLEANLINESS THAT EXISTED PRIOR TO COMMENCEMENT OF WORK.
9. ALL DEMOLITION AND CONSTRUCTION WORK TO BE PERFORMED WITHOUT INTERRUPTION OF OWNER OPERATIONS. IF INTERRUPTION IS NECESSARY, WORK MUST NOT PROCEED UNTIL WRITTEN APPROVAL HAS BEEN OBTAINED FROM OWNER.
10. ALL CONTRACTORS ARE TO COORDINATE INSTALLATION OF THEIR WORK WITH EACH OTHER AND WITH THE WORK BEING PERFORMED UNDER SEPARATE CONTRACTS BY OTHERS AND WORK PERFORMED BY THE OWNER'S VENDOR(S).
11. REFER TO CONSTRUCTION IMPLEMENTATION PLANS AND CONSTRUCTION SPECIAL PROVISIONS (PREPARED BY OTHERS, IF APPLICABLE) FOR ALL REQUIREMENTS FOR TEMPORARY CONSTRUCTION.

REV.	DATE	ITEM

NOTICE

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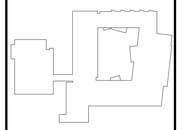

KEY PLAN

NOT TO SCALE

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK ELEMENTARY SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

PROJECT

DEMOLITION AND PROPOSED PLANS

DWG TITLE

DRAWING BY: J.G.

CHECK BY: ---

NOTICE

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BBS
ARCHITECTS
LANDSCAPE ARCHITECTS
ENGINEERS

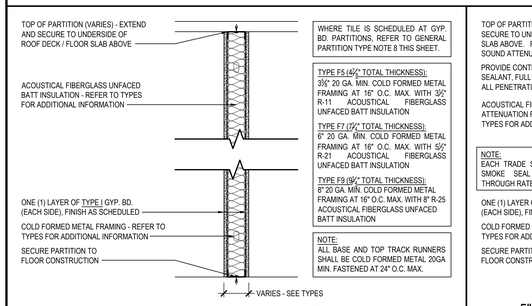
244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

100 GREAT OAKS BLVD.
SUITE 115, ALBANY
NEW YORK 12203
T. 518.621.7650
F. 518.621.7655

www.BBSARCHITECTURE.com

SED No.	66-19-05-02-0-001-018
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	DEMOLITION AND PROPOSED PLANS
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142b

A1.01



F5 5" NOM. GYP. BD. METAL STUD PARTITION

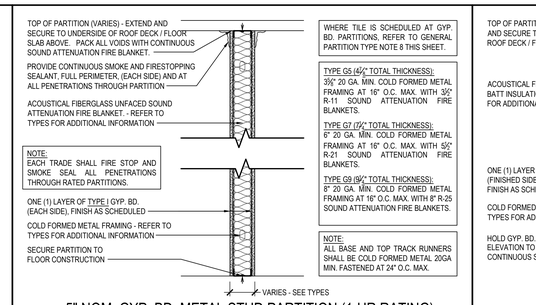
NON-RATED / NON-BEARING INTERIOR PARTITION

F7 7" NOM. GYP. BD. METAL STUD PARTITION

NON-RATED / NON-BEARING INTERIOR PARTITION, GRAPHIC SIMILAR AS SHOWN

F9 9" NOM. GYP. BD. METAL STUD PARTITION

NON-RATED / NON-BEARING INTERIOR PARTITION, GRAPHIC SIMILAR AS SHOWN



G5 5" NOM. GYP. BD. METAL STUD PARTITION (1-HR RATING)

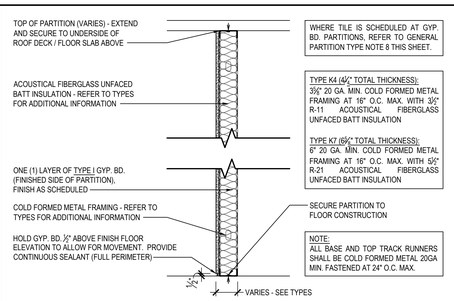
UL U419 / STC 49, NON-BEARING INTERIOR PARTITION

G7 7" NOM. GYP. BD. METAL STUD PARTITION (1-HR RATING)

UL U419 / STC 49, NON-BEARING INTERIOR PARTITION, GRAPHIC SIMILAR AS SHOWN

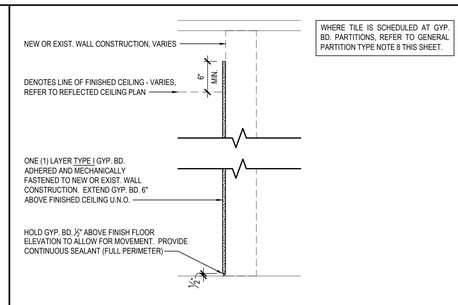
G9 9" NOM. GYP. BD. METAL STUD PARTITION (1-HR RATING)

UL U419 / STC 49, NON-BEARING INTERIOR PARTITION, GRAPHIC SIMILAR AS SHOWN

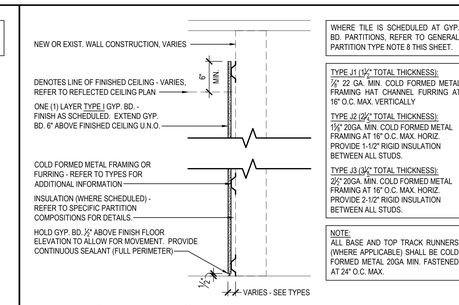


K4 4" NOM. GYP. BD. METAL STUD PARTITION - SINGLE SIDED

K7 7" NOM. GYP. BD. METAL STUD PARTITION - SINGLE SIDED



I GYP. BD. LAMINATION OVER SUBSTRATE



J1 GYP. BD. OVER 7/8" METAL FURRING

J2 GYP. BD. OVER 1-5/8" METAL FURRING

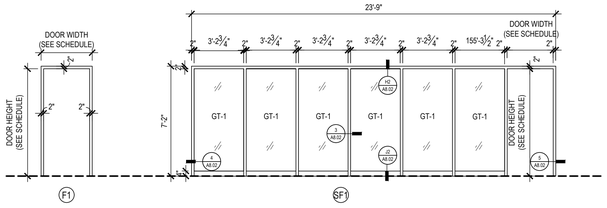
GRAPHIC SIMILAR AS SHOWN

J3 GYP. BD. OVER 2-1/2" METAL FURRING

GRAPHIC SIMILAR AS SHOWN

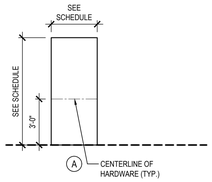
DOOR SCHEDULE

AREA	DOOR NO.	LOCATION	SIGNAGE	DOOR							FRAME			HARDWARE SET	DETAIL				FIRE RATING	REMARKS	DOOR NO.
				LEAVES	WIDTH	HEIGHT	THICKNESS	ELEV. TYPE	MAT.	GLAZING	TYPE	MAT.	GLAZING		HEAD	JAMB	SILL	THOLD			
L1	001	LOWER LEVEL CLERICAL TO CONFERENCE ROOM B02	A	1	3'-0"	7'-0"	1 3/4	A	SCLCOV		SF1	ALUM.	TEMP.		H2	J2					001
	002	LOWER LEVEL CLERICAL TO STORAGE B03	A	1	3'-0"	7'-0"	1 3/4	A	SCLCOV		F1	ALUM.	- - -		H1	J1		T1			002



FRAME TYPE ELEVATIONS

NOTE: REFER TO DOOR SCHEDULE FOR DOOR FRAME MATERIAL. SCALE: 1/4" = 1'-0"



DOOR TYPE ELEVATIONS

NOTE: REFER TO DOOR SCHEDULE FOR DOOR MATERIAL AND GLAZING TYPE (WHERE APPLICABLE). SCALE: 1/4" = 1'-0"

TYPICAL CURTAIN WALL NOTES:

1. ALUM. CURTAIN WALL SYSTEM SHALL BE TRIFAB VERSA GLAZE 451 FRAMING SYSTEM MANUFACTURED BY 'KAWNEER' OR APPROVED EQUAL, UNLESS OTHERWISE SHOWN.
2. ALUM. CURTAIN WALL SYSTEM SHALL MEET CURRENT NEW YORK STATE ENERGY CODE.
3. CURTAIN FRAMING, TRIM AND PANNING COLORS BY ARCHITECT. REFER TO SPECIFICATIONS FOR PAINT FINISHES.
4. CONTRACTOR SHALL COORDINATE ALL WINDOW OPENING LOCATIONS / QUANTITIES WITH FLOOR PLANS & ELEVATIONS.
5. CURTAIN WALL MANUFACTURER SHALL PROVIDE HORIZONTAL AND / OR VERTICAL STEEL REINFORCEMENTS WITHIN FRAMING AS REQUIRED TO MEET REGIONAL WIND LOAD DESIGN PRESSURE, AND INCLUDE COST FOR SAME IN ANY BID. CALCULATIONS PREPARED BY A N.Y.S. LICENSED P.E. SHALL BE SUBMITTED WITH SHOP DRAWINGS FOR REINFORCEMENT & ANCHORAGE..
8. WHERE LIFE-SAFETY, LIGHTING AND OTHER ELECTRICAL DEVICES ARE TO BE MOUNTED TO STOREFRONT AND CURTAIN WALL ASSEMBLIES, ALL WIRING FOR THESE DEVICES SHALL BE CONCEALED WITHIN THE GLAZING FRAMING SYSTEMS. COLOR-MATCHED BACKPLATES MAY BE REQUIRED, EXPOSED CONDUITS WILL NOT BE ACCEPTABLE. THE E.C. AND CURTAIN WALL SUBCONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THIS WORK. INSTALLATIONS SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER AND ARCHITECT, SPECIAL SHAPES FOR THIS PURPOSE MAY BE AVAILABLE FROM THE CURTAIN WALL/ STOREFRONT MANUFACTURER, SEE A8.00 SERIES SHEETS AND ELECTRICAL SHEETS FOR ADDITIONAL INFO.

TYPICAL GLAZING NOTES:

1. ALL STOREFRONT AND WINDOW GLAZING SHALL BE AS FOLLOWS:

GLAZING TYPE: GT-1
- 1/2" LAMINATED SAFETY GLASS. REFER TO SPEC SECTION 088000.

NOTE
- ALL GLASS SHALL BE MANUFACTURED BY 'VITRO ARCHITECTURAL GLASS' OR ARCHITECT APPROVED EQUAL, UNLESS OTHERWISE SHOWN. REFER TO GLAZING SPECIFICATION 088000 FOR FULL COMPOSITION.

ABBREVIATION LEGEND

ALUM.	ALUMINUM
S.C.L.C.O.V.	SOLID COMPOSITE LUMBER CORE OAK VENEER
M.C.O.V.	MINERAL CORE OAK VENEER
S.C.L.C.M.V.	SOLID COMPOSITE LUMBER CORE MAPLE VENEER
M.C.M.V.	MINERAL CORE MAPLE VENEER
F.R.P.	FIBERGLASS REINFORCED POLYESTER
H.M.	HOLLOW METAL
F.G.	¼" FIREGLASS 20
F.L.P.	¼" FIRE-LITE PLUS
PYRO	PYROSTOP GLAZING
INSUL.	1" INSULATED GLAZING
S.L.	¼" SAFETY LAMINATED GLAZING
OBSC.	OBSCURE GLAZING
U.O.N.	UNLESS OTHERWISE NOTED
S.F.	SECURITY FILM
SG-1	⅜" SHOOTER ATTACK GLAZING
SG-2	1" INSULATED SHOOTER ATTACK GLAZING
SG-3	20 MIN. RATED SHOOTER ATTACK GLAZING
SG-4	45 MIN. RATED SHOOTER ATTACK GLAZING
SG-5	60 MIN. SHOOTER ATTACK GLAZING
SG-6	90 MIN. SHOOTER ATTACK GLAZING
BRG-L1	LEVEL 1 BULLET RESISTANT GLAZING
BRG-L2	LEVEL 2 BULLET RESISTANT GLAZING
BRG-L3	LEVEL 3 BULLET RESISTANT GLAZING
SGP-L1	LEVEL 1 BULLET RESISTANT SECURITY PANEL
SGP-L2	LEVEL 2 BULLET RESISTANT SECURITY PANEL
SGP-L3	LEVEL 3 BULLET RESISTANT SECURITY PANEL
TEMP	¼" TEMPERED GLAZING

DOOR NOTES

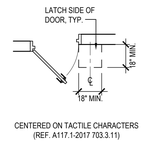
1. ALL DOORS, FRAMES AND HARDWARE SHALL BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR UNLESS OTHERWISE NOTED.
2. GENERAL CONTRACTOR SHALL COORDINATE ALL KEYING WITH OWNER.
3. FIRE RATED WOOD DOORS (60 MIN. AND ABOVE ONLY) SHALL HAVE SOLID MINERAL CORE, ALL OTHER WOOD DOORS SHALL HAVE SOLID COMPOSITE 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. PROVIDE SOLID BLOCKING FOR CLOSER AND HARDWARE. REFER TO SPECIFICATION SECTION 081416.
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. INTERIOR GLAZING TYPES AND SIZES SHALL CONFORM TO NFPA 80 AND/OR ASTM E119. WHERE SECURITY GLAZING IS INDICATED, VISION KIT SHALL BE THROUGH BOLT TYPE.
6. ALL NEW H.M. FRAMES SHALL BE FULLY WELDED 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. FOR DOOR REPLACEMENTS IN KIND, 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. REFER TO SPECIFICATION SECTION 099000 FOR PAINT TYPE. COLOR AS SELECTED BY ARCHITECT.
10. GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL A.D.A. COMPLIANT SIGNAGE AT ALL DOORS WHERE SPECIFIED IN DOOR SCHEDULE AND/OR SHOWN ON FLOOR PLANS. INSTALL IN CONFORMANCE WITH ALL ADA HEIGHT AND PLACEMENT REQUIREMENTS.
    - ▲A. WHERE DENOTED IN SCHEDULE, PROVIDE 4"x4" SIGNAGE WITH BRAILLE INDICATING ROOM NUMBER (COORD. WITH OWNER), MODEL No. E-BTCUST.
    - ▲B. WHERE DENOTED IN SCHEDULE, PROVIDE 4"x12" SIGNAGE WITH BRAILLE INDICATING ROOM NAME AND NUMBER (COORD. WITH OWNER), MODEL No. 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 (BOY'S), X-7107 (GIRL'S).
    - ▲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 AS REQUIRED.
        - AT SINGLE-USE ACCESSIBLE TOILET ROOMS, PROVIDE AND INSTALL MODEL No. E-BTCUST. SIGN SHALL SPECIFY STAFF OR STUDENT USE AS REQUIRED.

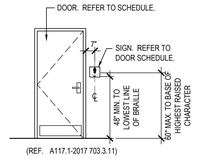
    MANUFACTURER: "ALLSTATE SIGN AND PLAQUE", DEER PARK, NY OR APPROVED EQUAL. ALL SIGNAGE SHALL BE SUBMITTED TO ARCHITECT FOR REVIEW AND APPROVAL. COLOR AS SELECTED BY ARCHITECT
11. ALL REMOVABLE MULLIONS ARE TO BE KEYED ALIKE AND TO MATCH EXISTING BUILDING SYSTEM.
12. AUTOMATIC DOOR OPERATORS - THE ELECTRICAL CONTRACTOR SHALL PROVIDE A LINE VOLTAGE CIRCUIT TO THE AUTO OPERATOR. LOCATION SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL WIRING ASSOCIATED WITH AUTOMATIC DOOR OPERATORS, INCLUDING ELECTRONIC STRIKE, PUSH BUTTONS, TRANSFORMERS AND ANY OTHER DEVICES REQUIRED FOR A FULLY OPERATIONAL SYSTEM.
13. FIRE RATED GLAZING WITH SURFACE APPLIED FILMS WILL NOT BE CONSIDERED EQUIVALENT WHERE LAMINATED FILM IS SPECIFIED.

STOREFRONT and FRAMING NOTES

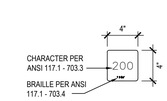
1. REFER TO PROJECT MANUAL FOR GLAZING TYPE AND CONFIGURATION.
2. ALL STOREFRONT FRAMING MEMBERS SHALL BE FACTORY FINISHED. COLOR: AS SELECTED BY ARCHITECT.
3. G.C. SHALL COORDINATE STOREFRONT / CURTAIN WALL OPENING LOCATIONS / QUANTITIES WITH FLOOR PLAN, ELEVATIONS, AND SCHEDULE.
4. INTERIOR STOREFRONT FRAMING SYSTEM SHALL BE 4½" x 2" 'TRIFAB 451' BY 'KAWNEER UNLESS OTHERWISE NOTED OR ARCHITECT APPROVED EQUAL.
5. G.C. SHALL COORDINATE WIRING AND HARDWARE PREPARATION OF ELECTRONIC DOOR CONTROLS WITH E.C. FOR COMPLETE AND FUNCTIONAL OPERATION.

TYPICAL ADA SIGNAGE DETAILS

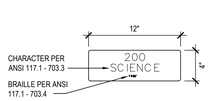




NOTES:
1. SIGNS SHALL BE PROVIDED AND LOCATED AS REQUIRED BY THE CURRENT EDITIONS OF THE BUILDING CODE AND REFERENCE STANDARD ICC ANSI 117.1 AND THE PROJECT MANUAL.
2. LOCATIONS SHALL INCLUDE, BUT NOT LIMITED TO: ACCESSIBLE BUILDING ENTRANCES, AREAS OF REFUGE, OFFICES, CLASSROOMS, TOILETS, STAIRWAYS, ELEVATORS AND AS INDICATED ON DRAWINGS.
3. ALL SIGNAGE SHALL COMPLY WITH ICC ANSI A117.1-2017 OR CURRENT EDITION AND SECTION 101400 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.



SIGN TYPE 'A'



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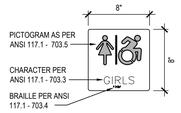

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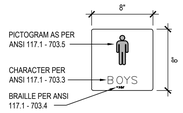

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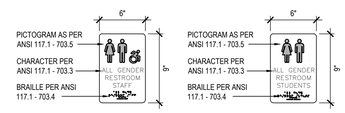

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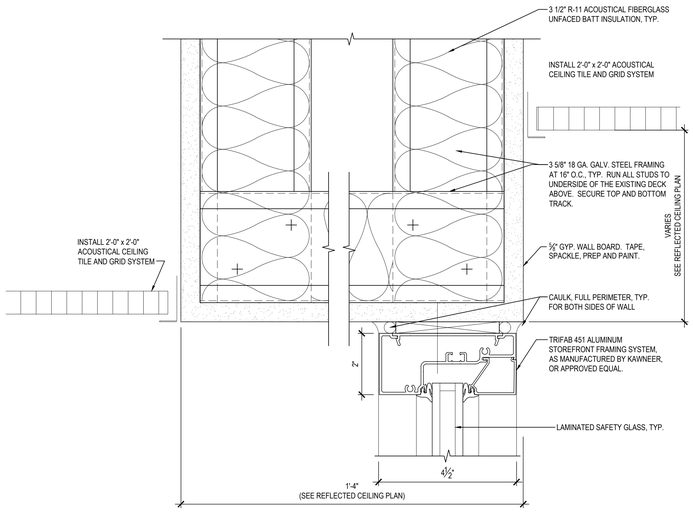
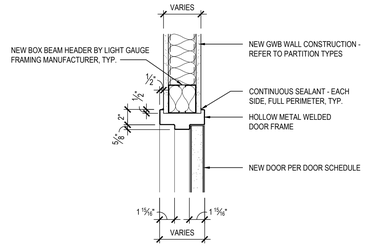


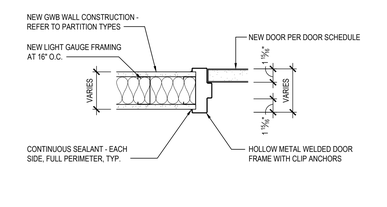
H2 HEAD DETAIL AT GYP. BD. SOFFIT

TRIFAB 451 ALUMINUM STOREFRONT FRAMING SYSTEM. SCALE: 1 1/2" = 1'-0"



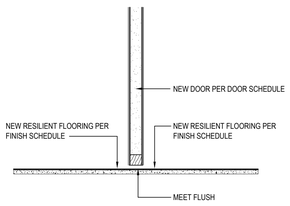
H1 HEAD DETAIL

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



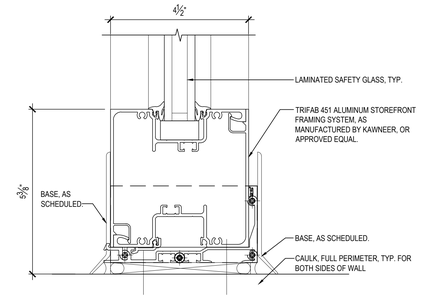
J1 JAMB DETAIL

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



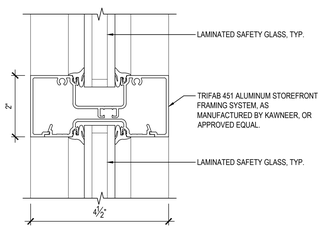
T1 THRESHOLD DETAIL

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



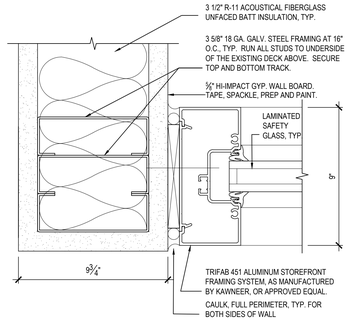
J2 TYP. DETAIL AT JAMB AT SILL

TRIFAB 451 ALUMINUM STOREFRONT FRAMING SYSTEM. SCALE: 6" = 1'-0"



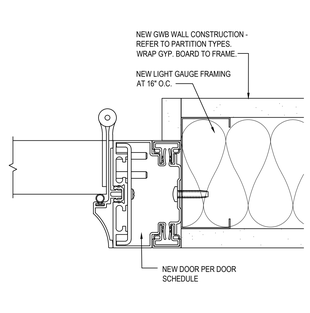
3 TYP. DETAIL AT VERTICAL MULLION

TRIFAB 451 ALUMINUM STOREFRONT FRAMING SYSTEM. SCALE: 6" = 1'-0"



4 JAMB DETAIL AT GYP. BD. WALL

TRIFAB 451 ALUMINUM STOREFRONT FRAMING SYSTEM. SCALE: 6" = 1'-0"



5 JAMB DETAIL

TRIFAB 451 ALUMINUM STOREFRONT FRAMING SYSTEM. SCALE: 6" = 1'-0"

REV.	DATE	ITEM

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DOOR SCHEDULE AND DETAILS

PROJECT

DWG TITLE

DRAWING BY: J.G.

CHECK BY: - - -

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244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

100 GREAT OAKS BLVD.
SUITE 115, ALBANY
NEW YORK 12203
T. 518.621.7650
F. 518.621.7655

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SED No.

DISTRICT

PROJECT

DWG TITLE DOOR SCHEDULE AND DETAILS

SCALE: AS NOTED

DATE:

BID PICK-UP:

FILE No:

A8.01

FINISH SCHEDULE

AREA	ROOM No.	LOCATION	FLOORS			WALLS		CEILINGS	REMARKS	ROOM No.
			FIELD	ACCENT	BASE	TYPE.	FINISH			
AREA 'A'	002	CONFERENCE ROOM	LVT1	~~	RCB1	ETR	PT1 / PT2	ACT1	PT2 ACCENT COLOR, ACOUSTICAL PANLS APPLIED TO WALL PARALLEL TO STORE FRONT	002
	003	VESTIBULE	~~	~~	RCB1	GYP BD.	P1	ACT1		003
	004	NEW OFFICE	LVT1	~~	RCB1	ETR	PT1 / PT2	ACT1	PT2 ACCENT COLOR	004

PAINT TYPES

TYPE P1: PAINT BY SHERWIN WILLIAMS:
EGGSHELL ENAMEL FINISH
COLOR: NAVAJO WHITE - SW 6126
(GENERAL)

TYPE P2: PAINT BY SHERWIN WILLIAMS:
EGGSHELL ENAMEL FINISH
COLOR: AQUITAINE - SW 9057
(ACCENT)

CEILING TYPES

TYPE ACT1: ACOUSTIC CEILING TILE BY "ARMSTRONG"
SIZE: 24" X 24" X 3/4"
STYLE: #1910 ULTIMA SQUARE LAY-IN
(OFFICES, CORRIDORS)

CEILING GRID BY "ARMSTRONG", 15/16" PRELUDE, U.O.N.
NOTE: ALL CEILING TILE & GRID TO BE STANDARD WHITE UNLESS OTHERWISE NOTED.

FLOOR TYPES

VINYL:

TYPE LVT1: 6"x48"x5mm LUXURY VINYL TILE AS MANUFACTURED BY SHAW CONTRACT
COLLECTION: SOLITUDE 0648V
COLOR: FAWN 48516
(OFFICE AND CONFERENCE ROOM)

RUBBER BASE TYPES

TYPE RCB1: 4" RUBBER COVE BASE BY "JOHNSONITE"
COLOR: TARKETT CEMENT CB 121
(OFFICE AND CONFERENCE ROOM)

TYPE RCB21: 4" RUBBER COVE BASE BY "JOHNSONITE"
COLOR: AS SELECTED BY ARCHITECT / TO MATCH EXISTING
(CORRIDOR / VESTIBULE)

ACOUSTIC WALL PANELS

AWP-1: KINETICS NOISE CONTROL HARDSIDE ACOUSTIC WALL PANEL
NRC: 0.80 - 1" THICKNESS BEVELED EDGE TREATMENT
FABRIC: GUILFORD OF MAINE ACOUSTIC FABRIC
STYLE: FR701 (2100)
COLOR: CEMENT MIX (750)

AWP-2: KINETICS NOISE CONTROL HARDSIDE ACOUSTIC WALL PANEL
NRC: 0.80 - 1" THICKNESS - BEVELED EDGE TREATMENT
FABRIC: GUILFORD OF MAINE ACOUSTIC FABRIC
STYLE: FR701 (2100)
COLOR: BAYBERRY (486)

ATTIC STOCK INFORMATION

VET: (1) ONE BOX FOR EACH (50) BOXES OF PRODUCT INSTALLED
ACT: NOT LESS THAN 1% OF TOTAL PRODUCT INSTALLED
RUBBER: NOT LESS THAN 1% OF TOTAL PRODUCT INSTALLED
PAINT: 10% OF EACH COLOR, TYPE AND GLOSS OF PAINT USED
PFT: NOT LESS THAN 1% OF TOTAL PRODUCT INSTALLED.
CPT: (1) ONE BOX FOR EACH (50) BOXES OF PRODUCT INSTALLED

ABBREVIATION LEGEND

ACT. . . . . ACOUSTIC CEILING TILE	VET. . . . . VINYL ENHANCED TILE
CTILE . . . . . CARPET TILE	LVT. . . . . LUXURY VINYL TILE
PFT. . . . . PORCELIAN FLOOR TILE	GYP. . . . . GYPSUM BOARD
CMU . . . . . CONCRETE MASONRY UNIT.	RUB . . . . . RUBBER FLOOR TILE
CTCB . . . . . CERAMIC TILE COVE BASE	RCB . . . . . RUBBER COVE BASE
CWT . . . . . CERAMIC WALL TILE	TERR . . . . . TERRAZZO / TERRAZZO BASE
EPOXY. . . . . EPOXY TERRAZZO	VCT. . . . . VINYL COMPOSITION TILE

FINISH NOTES

1. ALL FINISHED TYPES (STYLE/COLOR/PATTERN) SHALL BE OFF THE STANDARD OF QUALITY INDICATED BY THE PROJECT MANUAL. FINAL STYLE / COLOR / PATTERN TO BE SELECTED BY ARCHITECT.
2. ALL INTERIOR AND EXTERIOR C.M.U. SURFACES SHALL BE PRIMED AS PER THE PAINT SPEC 099000 PRIOR TO FINISH PAINT APPLICATION.
3. ALL NEW BRICK WALLS ARE TO REMAIN NATURAL AND CLEANED, IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
4. CONTRACTOR SHALL PREP, PRIME AND PAINT ALL SHEET METAL PIPE ENCLOSURES (INSTALLED BY M.C.) COLOR AS SELECTED BY ARCHITECT.
5. BEFORE PAINTING, CONCRETE SURFACES MUST CURE 30 DAYS. BLOCK AND PLASTER SURFACES MUST CURE FOR 30 DAYS.
6. ALL INTERIOR FINISHES IN CORRIDOR SHALL BE 'CLASS - A' RATED.
7. PATCH, REPAIR AND FINISH CEILING, WALLS, AND FLOOR AT POINTS OF DEMOLITION TO MATCH EXISTING. EXISTING FINISHES TO REMAIN.
8. SHOULD ANY FINISH MATERIALS SPECIFIED BE DISCONTINUED BY MANUFACTURER, THE CONTRACTOR MUST REPLACE WITH CLOSEST MATCH AT NO ADDITIONAL COST, AND SUBMIT TO ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
9. AT ROOMS HAVING EXISTING FLOOR TILE TO BE REMOVED CONTRACTOR SHALL PROVIDE AND INSTALL FLOOR PATCH (PLANI/PATCH PLUS) BY 'MAPEI' OR ARCHITECT APPROVED EQUAL OVER ENTIRE EXISTING SUBSTRATE AND / OR CONCRETE SLAB TO PROVIDE A FLOOR SURFACE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND AS SPECIFIED FOR INSTALLATION OF FINISH FLOORING AS SPECIFIED ON FINISH SCHEDULE.
10. HOLLOW METAL DOOR FRAMES, SIDE LIGHTS AND WINDOW FRAMES SHALL BE PREPPED AND PAINTED AS PER PAINTING SPECIFICATION 099000. (ALL COLORS AS SELECTED BY ARCHITECT)
11. ALL EXPOSED STEEL STAIR COMPONENTS, INCLUDING BUT NOT LIMITED TO; STRINGERS, BALUSTERS, RAILINGS AND HANDRAILS; SHALL BE PREPPED AND PAINTED AS PER PAINTING SPECIFICATION 099000. (ALL COLORS AS SELECTED BY ARCHITECT) UNLESS OTHERWISE NOTED.
12. CONTRACTOR SHALL PREP, PRIME AND PAINT SHEETROCK CEILINGS UNLESS OTHERWISE NOTED.
13. THE BID SHALL BE BASED ON THE TILE MIX AND PERCENTAGES AS INDICATED IN THE PROJECT MANUAL FOR RESILIENT TILE.
14. NEW TOILET AND URINAL PARTITIONS SHALL BE 1" THICK HDPE AS MANUFACTURED BY SCRANTON, ASI GLOBAL PARTITIONS, OR APPROVED EQUAL. (COLOR AND FINISH TO BE SELECTED BY ARCHITECT).
15. GENERAL CONTRACTOR SHALL PROVIDE TERMINATION STRIPS, RUBBER REDUCERS, EDGE GUARDS, ADAPTERS AND TRANSITIONS BETWEEN DISSIMILAR MATERIALS AND HEIGHT DIFFERENTIALS BOTH TO PROTECT THE FINISH EDGE OR TO PROVIDE AN ADA ACCESSIBLE TRANSITION.

GYPSUM BOARD FINISHING

1. GENERAL CONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF GYPSUM ASSOCIATION TRADE PUBLICATION GA-214-96 'RECOMMENDED LEVELS OF GYPSUM BOARD FINISH' AND SPECIFICATION SECTION 092900.

A. LEVEL 0 - FOR USE IN TEMPORARY CONSTRUCTION, OR WHERE FINAL FINISH/DECORATION HAS NOT BEEN DETERMINED.

B. 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.

C. 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.

D. 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.

E. LEVEL 4 - FOR USE WHERE LIGHT TEXTURE OR WALL COVERINGS ARE TO BE APPLIED, OR WHERE ECONOMY IS OF THE ARCHITECT'S CONCERN.

F. 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.)

NOTES

1. GENERAL CONTRACTOR SHALL PATCH ALL AREAS OF FLOOR DAMAGED BY THE REMOVAL OF MASTIC.
2. GENERAL CONTRACTOR SHALL FLASH PATCH ALL FLOORS IN THEIR ENTIRETY WHERE MASTIC REMOVAL HAS OCCURRED WITH (PLANI/PATCH PLUS) BY 'MAPEI' OR ARCHITECT APPROVED EQUAL.
3. GENERAL CONTRACTOR SHALL PERFORM A BOND TEST IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS. PRIOR TO INSTALLATION OF NEW FLOORING.
4. PROVIDE NEW MARBLE SADDLE AT ALL TOILET ROOM DOORS. PROVIDE BEVELED SADDLE TO MEET ADA REQUIREMENTS.
5. ALL NEW V.C.T. FLOORING TO BE INSTALLED THROUGHOUT ENTIRE FLOOR AREA AS SHOWN UNLESS OTHERWISE NOTED.

REV.	DATE	ITEM

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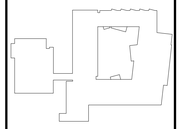

KEY PLAN

NOT TO SCALE

PROJECT

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK ELEMENTARY SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE

FINISH SCHEDULE NOTES and DETAILS

DRAWING BY: F.G.H.

CHECK BY: - - -

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PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

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SUITE 115, ALBANY
NEW YORK 12203
T. 518.621.7650
F. 518.621.7655

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SED No. 66-19-05-02-0-001-018

DISTRICT BLIND BROOK UNION FREE SCHOOL DISTRICT

PROJECT PHASE 3 - BOND IMPROVEMENTS

DWG TITLE FINISH SCHEDULE - - -

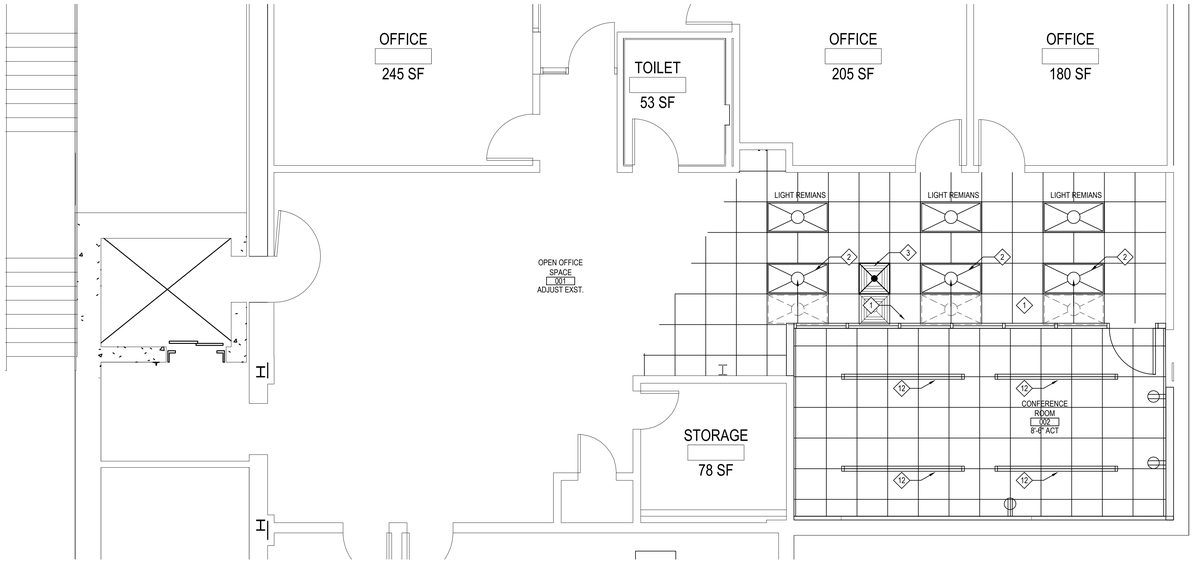
SCALE: AS NOTED

DATE: AUGUST 2025

BID PICK-UP: DECEMBER 15, 2025

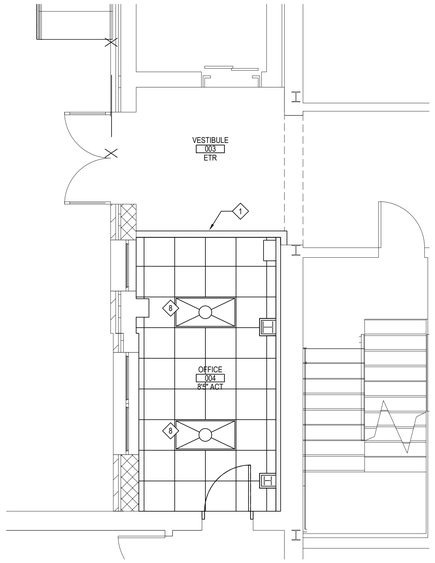
FILE No: 25-142b

A9.00



ENLARGED LOWER LEVEL - REFLECTED CEILING PLAN

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



ENLARGED FIRST FLOOR PLAN - REFLECTED CEILING PLAN

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

PROPOSED REFLECTED CEILING PLAN NOTES:

1. G.C. TO MODIFY EXISTING GRID CEILING SYSTEM AS NECESSARY AT NEW WALL TO ACCOMMODATE NEW WALL CONSTRUCTION.
2. E.C. TO RELOCATE EXISTING 24X48 LED LIGHT FIXTURES ADJACENT TO NEW CONFERENCE ROOM WALL ONE (1) TILE LOCATION TO ACCOMMODATE NEW WALL CONSTRUCTION.
3. M.C. TO RELOCATE EXISTING 24X48 LED LIGHT FIXTURES ADJACENT TO NEW CONFERENCE ROOM WALL ONE (1) TILE LOCATION TO ACCOMMODATE NEW WALL CONSTRUCTION.
4. G.C. TO PATCH IN VCT FLOORING AS NECESSARY AT NEW STORE FRONT/ PLASTER WALL TO ACCOMMODATE NEW WALL CONSTRUCTION AND FLOOR TRANSITION. PATCHED FLOORING TO CLOSELY MATCH EXISTING. COLOR SELECTED BY ARCHITECT.
5. EXISTING FLOORING TO REMAIN. WALL CONSTRUCTION TO BE BUILT ATOP EXISTING FLOORING. PROVIDE AND INSTALL NEW RUBBER COVE BASE AT NEW WALL ONLY. RUBBER COVE BASE TO CLOSELY MATCH EXISTING. COLOR TO BE SELECTED BY ARCHITECT.
6. G.C. TO PROVIDE AND INSTALL NEW LUXURY VINYL TILE AND RUBBER COVE BASE INSTALL NEW VINYL TILE ATOP EXISTING FLOORING. SELECTION BY ARCHITECT.
7. G.C. TO PROVIDE AND INSTALL NEW LUXURY VINYL TILE AND RUBBER COVE BASE. SELECTION BY ARCHITECT.
8. E.C. TO REMOVE EXISTING 2X4 LED LIGHT FIXTURES. TO BE REINSTALLED BE E.C.
9. G.C. TO PROVIDE AND INSTALL NEW SOUND ABSORBING AND SOUND DIFFUSING ACOUSTICAL PANELS. COLOR/SHAPE/LOCATIONS SPECIFIED BY ARCHITECT. SEE ELEVATION 02 FOR DETAILS.
10. G.C. TO PROVIDE AND INSTALL CLARIDGE SERIES 2 GLASS MARKER BOARD. COLOR AND SIZE BY ARCHITECT. SEE ELEVATION 02 FOR DETAILS.
11. SF1 - STORE FRONT TO BE BRUSHED ALUMINUM FINISH
12. E.C. TO PROVIDE AND INSTALL NEW RECESSED 8' LINEAR LED FIXTURES. COLOR BY ARCHITECT

SYMBOLS LEGEND

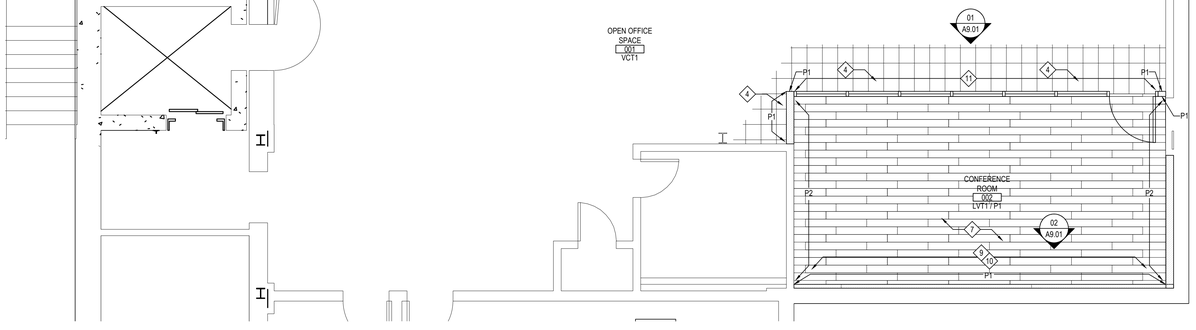
SYMBOL	DESCRIPTION
ROOM NAME / XXX / CLG. HEIGHT / TYPE	ROOM TAG, CEILING TILE TYPE AND FINISH CEILING ELEVATION (A.F.F.)
NO CLG.	OPEN TO STRUCTURE AND DECK ABOVE (PAINT)
	SUSPENDED ACOUSTICAL CEILING TILE AND GRID
	GYPSUM BOARD SOFFIT OVER METAL FRAMING. REFER TO DETAIL, THIS SHEET. TAPE, SPACKLE AND PAINT.
	RECESSED OR SURFACE MOUNTED LIGHT FIXTURE BY E.C. REFER TO E-SERIES DRAWINGS.
	EXIT SIGN BY E.C. REFER TO E-SERIES DRAWINGS.
T (F) (F)	CEILING MOUNTED SPEAKER BY E.C. REFER TO E-SERIES DRAWINGS.
	SMOKE / HEAT DETECTORS BY E.C. REFER TO E-SERIES DRAWINGS.
OS	OCCUPANCY SENSOR BY E.C. REFER TO E-SERIES DRAWINGS.
	CEILING GRILLE / REGISTER BY M.C. REFER TO M-SERIES DRAWINGS.
	EXTERIOR WALL MOUNTED LIGHT FIXTURE BY E.C. REFER TO E-SERIES DRAWINGS.
	CEILING MOUNTED CABINET HEATER BY M.C. REFER TO M-SERIES DRAWINGS.
1	REVISION CLOUD AND KEYED DESIGNATION. REFER TO DRAWING TITLEBLOCK FOR ADDITIONAL INFORMATION.

TYPICAL REFLECTED CEILING PLAN NOTES

1. CEILING PLANS MAY NOT INDICATE ALL MECHANICAL AND / OR ELECTRICAL CEILING MOUNTED ITEMS. REFER TO M - SERIES AND E - SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
2. CEILING GRID SHALL BE ARRANGED TO BE SPACED EQUALLY IN EACH DIRECTION WITH NO TILE LESS THAN 6" UNLESS OTHERWISE REQUIRED.
3. PROVIDE CEILING EXPANSION JOINT AT ALL NEW TO EXISTING INTERSECTIONS AND WHERE INDICATED ON PLANS.
4. UNLESS OTHERWISE NOTED, ALL SOFFITS AND WINDOW POCKETS SHALL BE ⅝" TYPE 'X' GYP. BOARD OVER 18 GA. COLD FORMED FRAMING AT 16" O.C.
5. ALL AREAS NOTED AS 'OPEN' AND / OR 'NO CEILING (CLG.) SHALL BE PAINTED - INCLUDING BUT NOT LIMITED TO DECK, STRUCTURE, DUCTWORK, ETC.)
6. ACOUSTICAL CEILINGS SHALL HAVE A FLAME SPREAD OF 25 OR LESS COMPLYING WITH 'ASTM E-84'; SMOKE DEVELOPED RATING OF 50 OR LESS COMPLYING WITH PERFORMANCE REQUIREMENTS AND PHYSICAL CHARACTERISTICS OF THE SPECIFIED CEILINGS AS INDICATED IN THE REFLECTED CEILING PLAN. (ASTM E-1264)
7. ACOUSTICAL CEILINGS SHALL HAVE A MINIMUM NOISE REDUCTION COEFFICIENT (NRC) RATING OF 0.65.

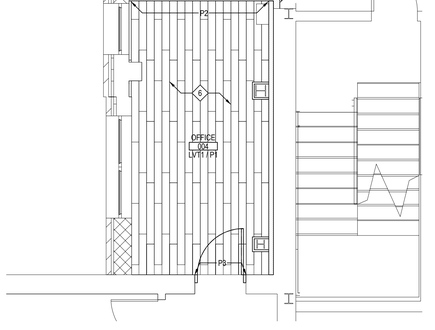
SYMBOLS LEGEND

SYMBOL	DESCRIPTION
	VINYL COMPOSITE TILE
	LUXURY VINYL TILE



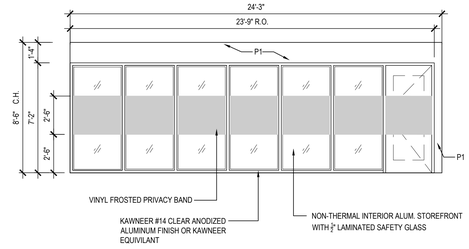
ENLARGED LOWER LEVEL - FINISH FLOOR PLAN

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



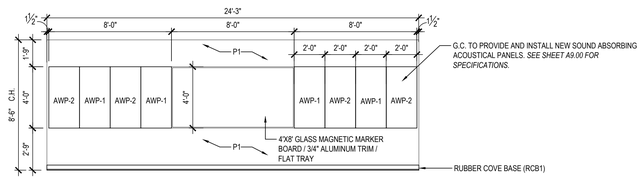
ENLARGED FIRST FLOOR PLAN - FINISH FLOOR PLAN

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



01 CONFERENCE ROOM STOREFRONT ELEVATION

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



02 CONFERENCE ROOM STOREFRONT ELEVATION

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

REV.	DATE	ITEM

NOTICE

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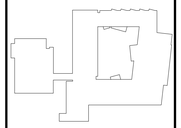

KEY PLAN

NOT TO SCALE

PROJECT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK ELEMENTARY SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE: FFP and RCP and REFLECTED CEILING PLAN

DRAWING BY: F.G.H.
CHECK BY: P.J.H.

NOTICE

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BBS
ARCHITECTS
LANDSCAPE ARCHITECTS
ENGINEERS

244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

100 GREAT OAKS BLVD.
SUITE 115, ALBANY
NEW YORK 12203
T. 518.621.7650
F. 518.621.7655

www.BBSARCHITECTURE.com

SED No.	66-19-05-02-0-001-018
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	FFP and RCP
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142b

A2.01

VENTILATION SCHEDULE

Room Number	Occupancy Classification	Occupancy Density (People Per 1000SF)	People Outdoor Airflow Rate in Breathing Zone, Rp (CFM/Person)	Area Outdoor Airflow Rate in Breathing Zone, Ra (CFM/SF)	Exhaust Airflow Rate (CFM/SF)	Area (SF)	Number of People (Pz)	Ventilation in Breathing Zone, Vbz (CFM)	Zone Air Distribution Effectiveness, Ez	Corrected Zone Outdoor Airflow CFM, Voz	Outdoor airflow provided
Conf. room	Conference room	50	10	0.06	0	310	10	119	1	119	135
Office	Office space	5	5	0.06	0	157	1	15	1	15	40

ABBREVIATIONS

A.F.F.	ABOVE FINISHED FLOOR
B.D.	BACKDRAFT DAMPER
CFM	CUBIC FEET OF AIR PER MINUTE
F&T	FLOAT & THERMOSTATIC
FPM	FEET PER MINUTE
FSD	FIRE DAMPER - DUCT MOUNTED
FLEX GPM	FLEXIBLE GALLONS PER MINUTE
HWS	HEATING SYSTEM HOT WATER SUPPLY.
HWR	HEATING SYSTEM HOT WATER RETURN
I.D.	INSIDE DIAMETER
LAT	LEAVING AIR TEMPERATURE.
LWT	LEAVING WATER TEMPERATURE
MAX.	MAXIMUM
MIN.	MINIMUM
MBH	BTU x 1,000
G	NATURAL GAS
N.I.C.	NOT IN CONTRACT.
N.T.S.	NOT TO SCALE
O.A.	OUTSIDE AIR
O.D.	OUTSIDE DIAMETER
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
R.A.	RETURN AIR
S.A.	SUPPLY AIR
S.P.	STATIC PRESSURE
STD.	STANDARD
T	TEMPERATURE.
TXV	THERMAL EXPANSION VALVE
TYP.	TYPICAL
V.D.	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE

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
	CONNECTION POINT OF DEMOLITION WORK TO BE DONE
	CONNECTION POINT OF NEW WORK TO BE DONE
PT	WALL-MOUNTED PROGRAMMABLE THERMOSTAT WITH BACNET CARD (PROVIDED BY HVAC EQUIPMENT MANUFACTURER)
T	WALL MOUNTED THERMOSTAT (DDC)
SP NP YP	NEW SUPPLY DIFFUSER/GRILLE/REGISTER TAG (TYPICAL)
RP EP ZP	NEW RETURN GRILLE/REGISTER TAG (TYPICAL)
M	MOTORIZED DAMPER
FSD/AD	COMBINATION FIRE/SMOKE DAMPER WITH ACCESS DOOR
FD/AD	FIRE DAMPER WITH ACCESS DOOR
	ROOF MOUNTED EXHAUST FAN
	DEMOLITION WORK TO BE DONE

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 230680 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.
20. THE MC SHALL BE RESPONSIBLE FOR ALL REQUIRED OPENINGS , PENETRATIONS, CORE-DRILLS, ETC. AND PATCHING, FIRESTOPPING AND WEATHER TIGHTNESS OF THE SAME

CONTRACTOR ABBREVIATION LEGEND

G.C.	GENERAL CONTRACTOR, UNDER MC CONTRACT
M.C.	MECHANICAL CONTRACTOR
E.C.	ELECTRICAL CONTRACTOR
P.C.	PLUMBING CONTRACTOR, UNDER MC CONTRACT

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, POSITIONED FOR EASY REPLACEMENT OF THE LINK.
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 230680 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.

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 233113, 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 233113 & 230713 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 233113 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 233113 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 230593 & 230580 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.

REV.	DATE	ITEM

NOTICE

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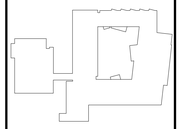

KEY PLAN

NOT TO SCALE

PROJECT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK ELEMENTARY SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE: MECHANICAL GENERAL NOTES, LEGEND AND KEY PLAN

DRAWING BY: D.S.
CHECK BY: D.S.

NOTICE

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PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

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ALBANY
NEW YORK 12205
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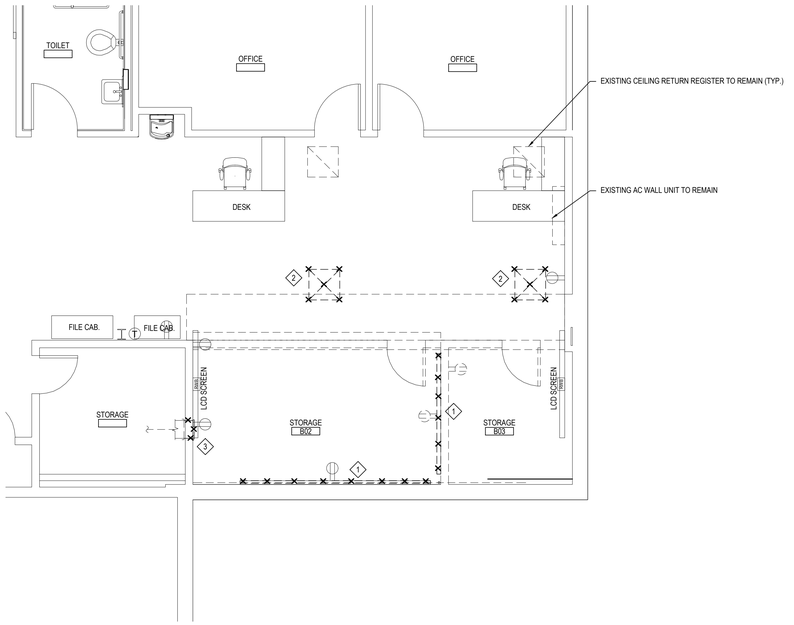
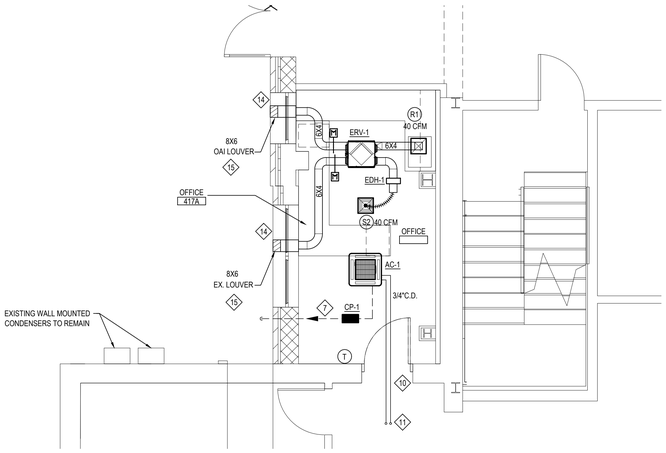
SED No.	66-19-05-02-0-001-018
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	MECHANICAL GENERAL NOTES, LEGEND AND KEY PLAN
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142b

M0.01



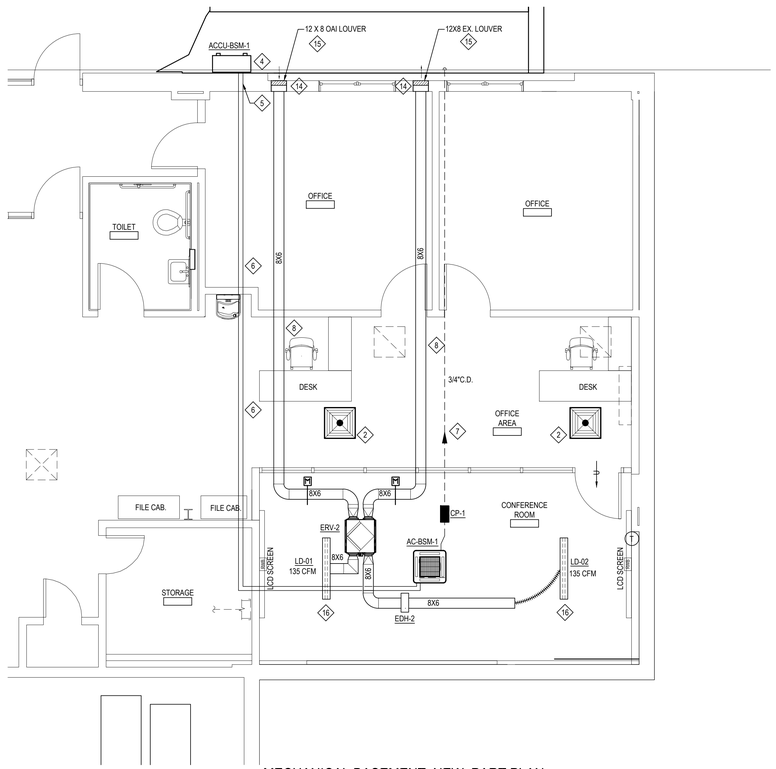
MECHANICAL BASEMENT DEMOLITION PART PLAN

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



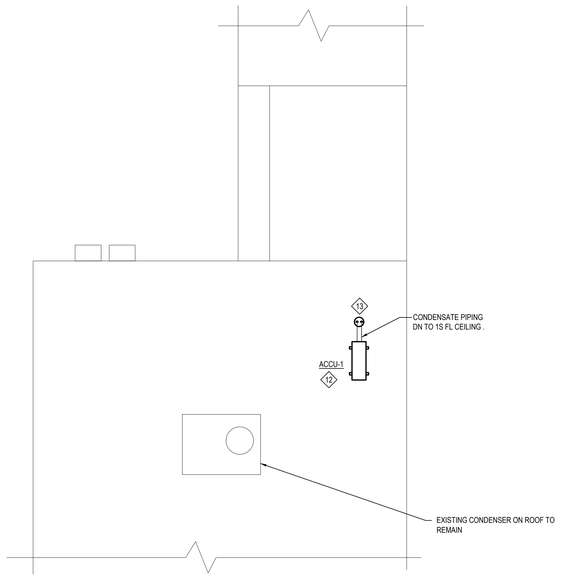
MECHANICAL 1ST FL. NEW PART PLAN

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



MECHANICAL BASEMENT NEW PART PLAN

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



MECHANICAL ROOF NEW PART PLAN , ABOVE OFFICE

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

NOTES:

1. MC TO DISCONNECT AND REMOVE EXISTING ELECTRIC BASEBOARD HEATER. EC TO REMOVE WIRING BACK TO THE SOURCE. EC TO COORDINATE WORK WITH MC
2. DISCONNECT AND REMOVE EXISTING SUPPLY DIFFUSERS . RELOCATE AND RECONNECT THEM AS INDICATED IN THE BASEMENT NEW PART PLAN
3. DISCONNECT AND REMOVE EXISTING SIDE GRILLE. REMOVE AND CAP DUCT AS INDICATED. GC TO PATCH WALL TO MATCH EXISTING AND COORDINATE WORK WITH MC.
4. MC TO PROVIDE WALL MOUNTED BRACKETS FOR MOUNTING OUTDOOR CONDENSER ACCU-BSMT-1 TO EXTERIOR WALL. COORDINATE WITH SPLIT SYSTEM VENDOR
5. GC TO DRILL EXTERIOR WALL FOR REFRIGERANT PIPING AND WATERPROOF WALL PENETRATIONS
6. RUN REFRIGERANT PIPING BETWEEN CEILING GRID AND EXISTING CEILING. INSULATE WITH 1" 'ARMAFLEX'. INSTALL AS PER MANUFACTURERS RECOMMENDATIONS.
7. NEW CONDENSATE PIPING ABOVE CEILING GRID AND UNDER EXISTING CEILING TO BE PITCHED OUT OF BUILDING . GC TO CORE DRILL AND FIRESTOP WALL
8. RUN NEW DUCTWORK BETWEEN CEILING GRID AND EXISTING CEILING. AVOID RUNNING THE DUCT ABOVE EXISTING LIGHT OR DIFFUSER
9. DDC CONTROL
10. RUN REFRIGERANT PIPING ABOVE CEILING. INSULATE WITH 1" 'ARMAFLEX'. INSTALL AS PER MANUFACTURERS RECOMMENDATIONS.
11. REFRIGERANT PIPING UP TO ACCU-1 ON ROOF. FOR CONTINUATION SEE ROOF PART PLAN THIS DWG.
12. NEW ROOFTOP OUTDOOR CONDENSING UNIT ACCU-1 ON SUPPORTS. MC TO PROVIDE AND INSTALL THYCURB TEMS-3 SUPORT RAILS.
13. PIPE PORTAL. SEE DETAIL ON DWG M6-0.
14. GC TO CUT HOLES/PENETRATIONS INTO EXISTING WALLS WHERE REQUIRED TO ACCOMMODATE NEW DUCTWORK
15. OAI AND EXHAUST LOUVER TO BE HEAVY GAGE EXTRUDED ALUMINUM , WIND DRIVEN RAIN, HORIZONTAL BLADE WITH 45% FREE AREA. MILL FINISH. LOUVER DEPTH TO BE SELECTED BASED ON THE EXTERIOR WALL THICKNESS
16. 4" LINEAR SUPPLY DIFFUSER/RETURN CONNECTED TO THE PLENUM BOX ABOVE. FOR MORE INFORMATION SEE DWG. M6.01

REV.	DATE	ITEM

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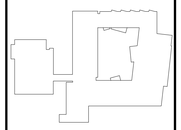

KEY PLAN

NOT TO SCALE

PROJECT

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK ELEMENTARY SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE

MECHANICAL DEMOLITION AND NEW PART PLANS

DRAWING BY: D.S.

CHECK BY: D.S.

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244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
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187 WOLF ROAD, STE. 205
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SED No.	66-19-05-02-0-001-018
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	MECHANICAL DEMOLITION AND NEW PART PLANS
SCALE:	AS NOTED
DATE:	AUGUST 2025
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FILE No:	25-142b

M1.01

HEAT PUMP SCHEDULE (ACCU-BSM-1/AC-BSM-1 & ACCU-1/AC-1)

KSUDB121A
R32 Single Zone 2x2 Four-Way Cassette

Indoor Unit (IDU) - KNUDB121A, Outdoor Unit (ODU) - KUSXB121A

Performance:

Cooling:

Cooling Capacity (Min~Rated~Max) (Btu/h)	3,600~11,100~12,400
SEER2	21.5
EER2	13.00

SEER - Seasonal Energy Efficiency Ratio EER - Energy Efficiency Ratio

Heating:

Heating Capacity (Min~Rated~Max) (Btu/h)	4,400~14,000~16,500
HSPF2	10.1
Max. Heating @ Indoor 70°F DB	
Outdoor 17°F WB	12,700
Outdoor 5°F WB	10,700
Outdoor -4°F WB	9,800

HSPF - Heating Seasonal Performance Factor

Electrical:

Power Supply (V/Hz/Ø)	208-230/60/1
MOP (A)	15
MCA (A)	13.4
Cooling Rated Amps (A)	9.65
Heating Rated Amps (A)	9.65
Compressor (A)	9.0
Fan Motor (IDU + ODU) (A)	0.25 + 0.4
Cooling Power Input (Min~Rated~Max @95°F) (kW)	0.19~0.85~1.10
Heating Power Input (Min~Rated~Max @47°F) (kW)	0.15~1.210~1.62

MOP - Maximum Overcurrent Protection MCA - Minimum Circuit Ampacity

Piping:

Liquid (in., O.D., Connection Size/Pipe Size)	1/4 / 1/4
Vapor (in., O.D., Connection Size/Pipe Size)	3/8 / 3/8
Additional Refrigerant (oz./ft.)	0.22
Max. Pipe Length (ft.)[1]	65.6
Piping Length (no add'l refrig., ft.)	24.6
Max. Elevation (ft.)	49.2

Features:

- Inverter (Variable Speed) Compressor
- Internal Condensate Pump
- Swirl Wind / Jet Cool
- IDU compatible with Multi F ODUs
- Auto Restart / Auto Changeover
- R32 Leak Detection Sensor
- Ultra-quiet Turbo Fan
- Optional Wi-Fi Control

Included Accessories:

□ Wireless Remote Controller — PQWRHQ0FDB

Required Accessories:

■ Panel (24-13/32" x 24-13/32") - PT-QAGW0

Optional Accessories:

□ Ventilation Flange[2] - PTVK430
□ Auxiliary Heater Kit - PRARH1
□ Wi-Fi Module - PWFMDD200
□ Single-Port Shutoff Valve - PWHPZ010A
□ Low Ambient Wind Baffle (Cooling operation to -4°F) -ZLABGP01A
□ Drain Pan Heater - PDSHA1202

Controller Options:

■ MultiSITE™ CRC* Controllers
□ Simple Remote Controllers
□ Standard III Remote Controllers
□ Deluxe Remote Controller
□ Remote Temperature Button Sensor
□ Dry Contacts

Operating Range:

Outdoor Unit:

Cooling (°F DB)	5 ~ 118
Heating (°F WB)	-4 ~ +64

Indoor Unit:

Cooling (°F WB)	57 ~ 77
Heating (°F DB)	59 ~ 81

System Data:

Refrigerant Type	R32
Refrigerant Control	EEV
Refrigerant Charge (lbs.)	2.43
IDU Sound Pressure (H/M/L) (±3 dB[A])[3]	38 / 35 / 32
ODU Sound Pressure Max. (Cooling / Heating) (±3 dB[A])[3]	49 / 52
ODU Net / Shipping Weight (lbs.)	75 / 79.4
IDU Net / Shipping Weight (lbs.)	28.4 / 34
Grille Net / Shipping Weight (lbs.)	6.3 / 8.6

Fan:

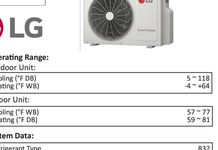
ODU Type	Axial
IDU Type	Turbo
Fan Speeds (Fan/Cool/Heat)	4 / 5 / 4
Quantity (ODU + IDU)	1 + 1
Motor/Drive	Brushless Digitally Controlled/Direct
ODU Air Flow Rate (CFM)	988
IDU Air Flow (CFM, H/M/L)	335 / 283 / 247
Dehumidification (pts./hr.)	2.5

Warranty

- 5 year core and parts warranty

Accessories

- PrecisionSYNC™ control
- 20/40/60 minute timers
- Dual intake/exhaust hood
- Two-speed humidity sensing switch



Note: Door clearance of 25 in. (635 mm) is recommended for servicing unit.

All duct uses 6 in. (125 mm) round collars. MERV 13 upgrade: 485463

Drawing represents standard configuration, winter season operation

*Note: **Must be configured at the factory*

Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps (excluding ductless systems) must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov. ENERGY STAR® and ENERGY STAR® are registered trademarks owned by the U.S. Environmental Protection Agency.‡

For a complete list of available accessories, contact your LG representative.
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SB_SZ_FourWayCassette2x2_R32_KSUDB121A_2024_12_05_062832

ELECTRIC DUCT HEATER SCHEDULE

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Visit us at http://www.Neptronic.com

Listed (Duct Heaters) 9L40

Duct Heater Approval Drawing

Heater(s) selected:2/2

Created	16 May, 2025	Rev.0
Last Modified	16 May, 2025	United States
Project Number	251360061	
Project Name	Blind Brook - BBS-DS	
Reference Number		
Customer		
Engineer		
Submitted By	Andy Siegelson	
Company	Air Distribution Enterprises, Inc. NY	

Item	Qty	Model (See Legend)	Duct Heaters: Dimensions (in) Heater W	H	D	Control Box A	B	C	CFM	FPM	Electrical Data P (kW)	VAC-Ph	I (A)	Ctrl V	Signal	Stages Qty	kW	A	Drawings	Thermostats
1	**Tag(s):** EDH-1																			
	1	DF CF00H	6.00	6.00	10.00	6.50	10.00	16.00	40	160	1.00	208-1	4.81	24	MOD 0-10V	1X	1.00	4.81	M251360061-A E251360061-A	TRO24-EXT1 STC8-11
	Elec. opts.:	FC-CA-DS-AC-MC-TR-TF-HECH-EASH-SSR-CGC	**Mech. opts.:**	N1-BLE-RA																
2	**Tag(s):** EDH-2																			
	1	DF CF00H	8.00	8.00	9.00	6.50	12.00	11.00	135	304	2.00	208-1	9.62	24	MOD 0-10V	1X	2.00	9.62	M251360061-A E251360061-A	TRO24-EXT1 STC8-11
	Elec. opts.:	FC-CA-DS-AC-MC-TR-TF-HECH-EASH-SSR-CGC	**Mech. opts.:**	N1-BLE-RA																

Notes:

1. Acceptable operating voltage: 187V-253V.
2. Piping lengths are equivalent.
3. Must comply with applicable codes for fire isolation dampers.
4. Must be installed in accordance with the latest edition of ISO Standard 3745.
5. All power supply wiring to the outdoor unit is field supplied, solid or stranded. The power wiring and the communication wiring from the outdoor unit to the indoor unit is field supplied and must be stranded, shielded or unshielded (if shielded, it must be grounded to the chassis of the outdoor unit only). All wiring must comply with applicable local and national codes.
   a. Power Supply Wiring to Outdoor Unit (No. + AWG): 3 x 12 for 9k, 12k, 18k, and 24k; 3 x 10 for 30k, 36k, 42k, and 48k.
   b. Power Wiring and Communication Wiring from Outdoor Unit to Indoor Unit (No. x AWG) 3 x 14 / 2 x 18.
6. This unit comes with a dry helium charge.
7. Nominal data is rated 0 ft. above sea level, with 25 ft. of refrigerant line and a 0 ft. level difference between indoor and outdoor units.
8. Must follow installation instructions in the applicable LG installation manual.
9. Multi-compatible IDUs include socket adapters for refrigerant pipe connection with Single Zone systems.

Model Legend

DF C 1 0 0 H B

- C: Open Coil; T: Tubular; F: Finned Tube
- I: Insert; F: Flange
- 0: NO Left screen; 1: Left screen
- BACnet/Modbus: B; None
- Horizontal flow: H; Vertical flow: V
- NO Right screen: 0; Right screen: 1

Components & Options Legend

AC	Automatic thermal cutout	RA	Round Adapter
BLE	Control box with Left ext.	SSR	Solid-State Relay (TRIAC)
CA	Magnetic contactor	TF	Transformer Fuse (primary)
CGC	Coil Grade C (60% Nickel/16% Chrome/24% Iron)	TR	Transformer
DS	Disconnect switch		
EASH	Electronic Airflow Sensors		
FC	Full break contactor		
HECH	Neptronic Controller		
MC	Manual thermal cutout		
N1	Control Panel NEMA 1		

This quote is valid for a period of 30 days. F.O.B. Montreal, Quebec, Canada.

DIFFUSER & REGISTER SCHEDULE

(ANEMOSTAT AS STANDARD)

TAG	MANUFACTURER MODEL NO.	MODULE SIZE	NECK SIZE	MAXIMUM NC LEVEL	CFM RANGE	SYMBOL/FLOW PATTERN
S1	CEILING DIFFUSER ANEMOSTAT MODEL DP T-BAR LAY-IN	24x24	6"~ 8"~ 10"~ 12"~ 14"~	20 NC 20 NC 20 NC 20 NC 20 NC	0-100 101-180 181-280 281-390 391-530	☒ ALL FLOW PATTERNS ☒
R1	CEILING GRILLES ANEMOSTAT MODEL 30-45	24x24	22x22	26 NC	UP TO 1400	☑ ☑

REMARKS

1. COORDINATE BORDER TYPE TO ALL AIR OUTLETS WITH CEILING CONSTRUCTION. SEE DRAWINGS.
2. ALL AIR OUTLETS TO BE WHITE FINISH.

CONDENSATE PUMP SCHEDULE

(LITTLE GIANT AS STANDARD)

TAG NO.	QUANTITY	LOCATION	MANUFACTURER MODEL NO.	DESIGN HEAD FEET	FLOW RATE GAL/HR	WEIGHT LBS.	DIMENTIONS INCHES L x W x H	ELECTRICAL DATA VOLT / HZ	AMPS (230V)
CP-1	-	1ST FLOOR	LITTLE GIANT VCMA-20ULS	15	80	11	11" x 5" x 7"	115 / 1 / 60	1

NOTES:
1.FURNISH PUMPS WITH DISCHARGE BALL CHECK VALVE & INLET DISCHARGE BALL SHUT-OFF VALVES, DISCONNECT SWITCH & HARD WIRE CONNECTION.
2.SUPPORT PUMP UNIT FROM BUILDING STRUCTURE WITH VIBRATION ISOLATION RODS

LINEAR DIFFUSER SCHEDULE

Tag	Service	Model/Manufacturer	Neck Size in. Dia.	Length (in)	No. of Slots	Airflow CFM	Max Pd.	Throw ft	NC	Terminal Velocity (Vt)	Pattern	Throw Direction	Material	Border
LD-01	Return	MLR-39 /Titus		48	3	135	0.01		(-)			Exhaust	Aluminum	2A,B - Flange, Conceal
LD-02	Supply	ML-39/Titus		48	3	135	0.01	27	(-)	50	1-Way	Horiz 1 way	Aluminum	2A,B - Flange, Conceal
Plenum	Supply	MPI-39/Titus	8	48	3	135	0.04	20	19	50	1-Way	Horiz 1-Way		2A,B - Flange, Conceal

Notes:
1. Border types shall be compatible w ith architectural ceiling type for the room for w hich each air device is located.
2. See the plans for location and quantities of each air device.
3. All air devices shall be tested in accordance w ith ASHRAE Standard 70-91.
4. NC values are based upon a 10 dB Room Attenuation as outlined in the Titus catalog.
5. All Throw Values are isothermal, and measured in ft.
6. All pressures are in inches, w. g.
7. Flow rate for continuous Linear devices is in CFM/Ft.

ENERGY RECOVERY VENTILATOR SCHEDULE

GREENHECK
Building Value in Air.

Cut Sheet - Not for Submittal
Printed Date: 05/16/2025
Mark: ERV-1
Model: SYNC-110SE-HS1

SYNC-110SE-HS1

Residential Energy Recovery Ventilators

Construction Features

Housing

- Low profile
- Ceiling mount
- 20 ga. coated galvanized steel
- Sensor-controlled fan defrost
- Easily removable door panel

General

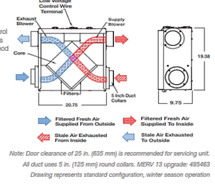
- AHU interlock, NC/NO low/high speed controls
- Cross flow energy recovery core
- Plug and hard wired connections available
- Mirrored configuration available
- Integral dehumidistat
- Precision airflow balancing or Fault indicator display available[N]*
- Weight: 34 lbs.
- Factory-balanced airflow
- MERV 6 filters (standard)
- MERV 13 filters (optional)
- UL 1812 compliant
- Dual EC Motors

Warranty

- 5 year core and parts warranty

Accessories

- PrecisionSYNC™ control
- 20/40/60 minute timers
- Dual intake/exhaust hood
- Two-speed humidity sensing switch



Note: Door clearance of 25 in. (635 mm) is recommended for servicing unit.

All duct uses 6 in. (125 mm) round collars. MERV 13 upgrade: 485463

Drawing represents standard configuration, winter season operation

*Note: **Must be configured at the factory*

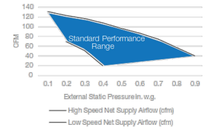
Energy Performance

	Outdoor Air Conditions Temp	RH %	Indoor Air Conditions Temp	RH %	Net Airflow (CFM)	Power (Watts)	CFM/ Watt	Sensible Recovery Efficiency	Apparent Sensible Effectiveness	Adjusted Sensible Recovery Efficiency	Latent Recovery	Total Recovery Efficiency	Adjusted Total Recovery Efficiency
Heating	32° F	75%	71.6° F	40%	64	28	2.28	72%	77%	-	-	-	-
					96	50	1.92	66%	74%	-	-	-	-
Cooling	95° F	50%	75° F	50%	49	22	2.23	60%	73%	-	45%	51%	53%
											= HVI Certified Point		

Electrical Specifications	
Voltage	120V
Cycle	60hz
Amps	1.4A

Airflow Performance

Ext. Static Pressure (in. wg.)	High Speed Net Supply Airflow (CFM)	Power (Watts)	CFM/Watt
0.1	191	74	1.9
0.2	123	72	1.7
0.3	117	68	1.7
0.4	108	66	1.6
0.5	97	62	1.6
0.6	87	58	1.5
0.7	74	53	1.4
0.8	57	49	1.2
0.9	40	45	0.9
1.0	85	126	0.7



GREENHECK
Building Value in Air.

Cut Sheet - Not for Submittal
Printed Date: 05/16/2025
Mark: ERV-2
Model: SYNC-180SCEA-HS1

SYNC-180SCEA-HS1

Residential Energy Recovery Ventilators

Construction Features

Housing

- Low profile
- Ceiling mount
- 20 ga. coated galvanized steel
- Sensor-controlled fan defrost
- Easily removable door panel

General

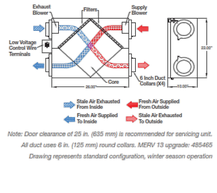
- AHU interlock, NC/NO low/high speed controls
- Cross flow energy recovery core
- Plug and hard wired connections available
- Mirrored configuration available
- Integral dehumidistat
- Fault indicator display available**
- Precision airflow balancing enabled
- Weight: 42 lbs.
- Factory-balanced airflow
- MERV 6 filters (standard)
- MERV 13 filters (optional)
- UL 1812 compliant
- Dual EC Motors

Warranty

- 5 year core and parts warranty

Accessories

- PrecisionSYNC™ control
- 20/40/60 minute timers
- Dual intake/exhaust hood



Note: Door clearance of 25 in. (635 mm) is recommended for servicing unit.

All duct uses 6 in. (125 mm) round collars. MERV 13 upgrade: 485465

Drawing represents standard configuration, winter season operation

*Note: **Must be configured at the factory*

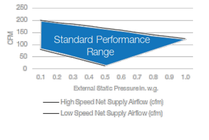
Energy Performance

	Outdoor Air Conditions Temp	RH %	Indoor Air Conditions Temp	RH %	Net Airflow (CFM)	Power (Watts)	CFM/ Watt	Sensible Recovery Efficiency	Apparent Sensible Effectiveness	Adjusted Sensible Recovery Efficiency	Latent Recovery	Total Recovery Efficiency	Adjusted Total Recovery Efficiency
Heating	32° F	75%	71.6° F	40%	49	24	2.0	86%	90%	90%	75%	-	-
					64	26	2.3	84%	89%	87%	66%	-	-
					81	34	2.5	82%	87%	84%	58%	-	-
Cooling	95° F	50%	75° F	50%	72	29	2.5	82%	83%	83%	58%	-	-
					64	32	2.0	73%	84%	80%	52%	60%	62%
											= HVI Certified Point		

Electrical Specifications	
Voltage	120V
Cycle	60hz
Amps	1.4A

Airflow Performance

Ext. Static Pressure (in. wg.)	High Speed Net Supply Airflow (CFM)	Power (Watts)	CFM/Watt
0.1	199	137	1.5
0.2	191	139	1.4
0.3	184	137	1.3
0.4	176	139	1.3
0.5	167	137	1.2
0.6	159	137	1.2
0.7	150	137	1.1
0.8	140	137	1.0
0.9	133	137	1.0
1.0	125	137	0.9



REV.	DATE	ITEM

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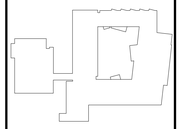

KEY PLAN

NOT TO SCALE

PROJECT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK ELEMENTARY SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE: MECHANICAL SCHEDULES

DRAWING BY: D.S.
CHECK BY: D.S.

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BBS
ARCHITECTS
LANDSCAPE ARCHITECTS
ENGINEERS

244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

187 WOLF ROAD, STE. 205
ALBANY
NEW YORK 12205
T. 518.621.7650
F. 518.621.7655

www.BBSARCHITECTURE.com

SED No. 66-19-05-02-0-001-018

DISTRICT: BLIND BROOK UNION FREE SCHOOL DISTRICT

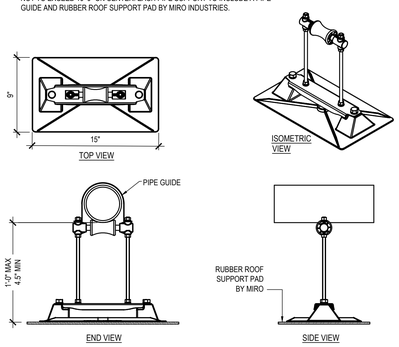
PROJECT: PHASE 3 - BOND IMPROVEMENTS

DWG TITLE: MECHANICAL SCHEDULES

SCALE: AS NOTED
DATE: AUGUST 2025
BID PICK-UP: DECEMBER 15, 2025
FILE No: 25-142b

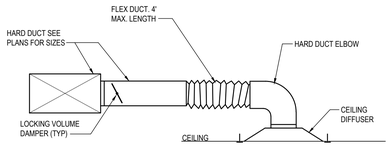
M6.01

M.C. TO PROVIDE & INSTALL A "ROLLER-BEARING" PIPE SUPPORT FOR ROOF MOUNTED REFRIGERANT PIPING. SUPPORTS ARE TO BE MADE OF POLYCARBONATE AS MANUFACTURED BY MIRO INDUSTRIES MODEL 3-RAH-12 PIPE STAND. SPACING NOT TO EXCEED 10'-0" ON CENTER. EACH PIPE SUPPORT TO INCLUDE A PIPE GUIDE AND RUBBER ROOF SUPPORT PAD BY MIRO INDUSTRIES.



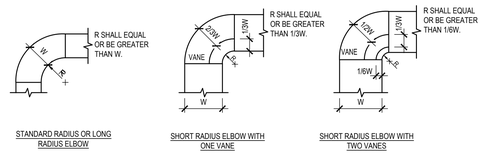
REFRIGERANT PIPE SUPPORT DETAIL

SCALE: NOT TO SCALE



CEILING DIFFUSER INSTALLATION DETAIL

SCALE: NOT TO SCALE



STANDARD RADIUS OR LONG RADIUS ELBOW

SHORT RADIUS ELBOW WITH ONE VANE

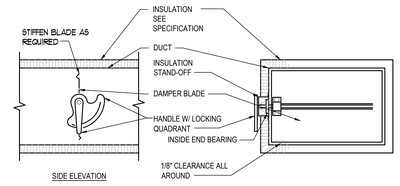
SHORT RADIUS ELBOW WITH TWO VANES

NOTE:

1. THE INTERIOR SURFACE OF ALL RADIUS ELBOWS SHALL BE MADE ROUND.
2. ALL STANDARD RADIUS ELBOWS CAN BE SUBSTITUTED WITH SHORT RADIUS ELBOWS. ALL SHORT RADIUS ELBOWS SHALL HAVE VANES. VANES SHALL BE CONSTRUCTED, SUPPORTED AND FASTENED.

DUCTWORK RADIUS ELBOWS DETAIL

SCALE: NOT TO SCALE



SIDE ELEVATION

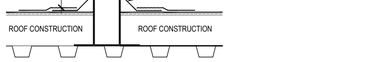
NOTE:

1. DELETE INSULATION STAND-OFF ON DUCTWORK WITHOUT EXTERIOR INSULATION.
2. DETAIL SHOWS SINGLE BLADE DAMPER. DAMPER INSTALLATION SHALL BE SIMILAR FOR MULTI-BLADE DAMPERS & ROUND DAMPERS.

VOLUM DAMPER DETAIL

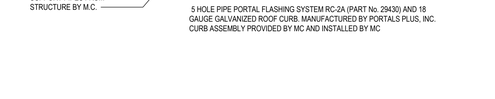
SCALE: NOT TO SCALE

NOTE:
1. ALL ROOFING WORK BY CERTIFIED ROOFER TO MAINTAIN WARRANTY.
2. PROVIDE SUPPORT RAILS WHICH RUN AT LEAST 2'-0" MORE THAN EACH EDGE OF CONDENSING UNIT AND SPANNING (2) JOISTS.
3. BOLT CONDENSING UNIT TO THE RAIL EQUIPMENT



CONDENSING UNIT SUPPORT DETAIL

SCALE: NOT TO SCALE



5 HOLE PIPE PORTAL FLASHING SYSTEM RC-2A (PART No. 29430) AND 18 GAUGE GALVANIZED ROOF CURB. MANUFACTURED BY PORTALS PLUS, INC. CURB ASSEMBLY PROVIDED BY MC AND INSTALLED BY MC

ROOF PIPNG PENETRATION DETAIL

SCALE: NOT TO SCALE

REV.	DATE	ITEM

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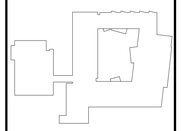

KEY PLAN

NOT TO SCALE

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK ELEMENTARY SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

PROJECT

MECHANICAL DETAILS

DWG TITLE

DRAWING BY: D.S.
CHECK BY: D.S.

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244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

187 WOLF ROAD, STE. 205
ALBANY
NEW YORK 12205
T. 518.621.7650
F. 518.621.7655

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SED No.	66-19-05-02-0-001-018
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	MECHANICAL DETAILS
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142b

M6.02

ELECTRICAL CONSTRUCTION NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE N.E.C., APPLICABLE LOCAL CODES, STATE CODES, OWNER'S WORKING RULES AND SCHEDULE DIRECTIVES, AND THE ENGINEER'S SPECIFICATIONS.
2. THE VOLTAGE CHARACTERISTIC OF BUILDING IS 208Y/120V, 3-PHASE, 4-WIRE, GROUNDED NEUTRAL, WYE. ALL EQUIPMENT SHALL BE COMPATIBLE WITH THESE CHARACTERISTICS. VERIFY AND MAINTAIN ALL PHASE ROTATIONS THROUGHOUT THE PROJECT.
3. THE DRAWINGS SCHEMATICALLY SHOW THE APPROXIMATE LOCATION OF ALL EQUIPMENT, CONDUITS, DEVICES, ETC. THE EXACT LOCATION OF WHICH SHALL BE SUBJECT TO APPROVAL BY THE ARCHITECT AND / OR OWNER WHO RESERVES THE RIGHT TO MAKE 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.
4. CONTRACTOR SHALL EXAMINE THE SITE TO VERIFY WORK TO BE PERFORMED AS SHOWN ON DRAWINGS AND SPECIFICATIONS BEFORE SUBMITTING HIS BID. ANY DISCREPANCY BETWEEN DRAWINGS AND SPECIFICATIONS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO ARCHITECT / ENGINEERS ATTENTION BEFORE BID SUBMITTAL. ANY FIELD CONDITION FOUND AFTER BID APPROVAL WHICH HAMPERS AND/OR PREVENTS ANY WORK TO BE PERFORMED AS SHOWN ON DRAWINGS AND SPECIFICATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BID THE HIGHER SPECIFICATION FOR ANY DISCREPANCY BETWEEN DRAWINGS AND SPECIFICATIONS.
5. 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.
6. CONTRACTOR SHALL PROVIDE ALL ELECTRICAL HARDWARE SHOWN ON THESE DRAWINGS, RELATED DETAIL AND IS NECESSARY TO COMPLETE THE INSTALLATION.
7. CONTRACTOR SHALL PAY ANY FEES APPLICABLE TO ELECTRICAL WORK, SUCH AS, BUT NOT LIMITED TO, THE POWER COMPANY, TELEPHONE COMPANY, CAT-V, AN APPROVED ELECTRICAL INSPECTION AGENCY, ALARM AND FIRE PROTECTION COMPANIES.
8. 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.
9. ALL WORK SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND DIRECTIVES OF THE OWNER.
10. 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.
11. CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND THEIR INSTALLATION TO BE FREE OF DEFECTS FOR A PERIOD AS DEFINED IN SPECIFICATION SECTION 01700 OF THE PROJECT MANUAL.
12. A COMPLETE SYSTEM OF WIRING, WITH ALL FEEDERS, MAINS, BRANCHES AND CONDUITS AS SHOWN ON THE DRAWINGS, SHALL BE FURNISHED AND INSTALLED FROM THE MAIN DISTRIBUTION BOARD TO THE PANELS OUTLETS, MOTORS, AND APPURTENANCES.
13. 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.
14. FURNISH AND INSTALL ALL WIRING OF ANY VOLTAGE OR PURPOSE AS SHOWN ON THE DRAWINGS.
15. THE INDICATED SOURCE OF EXISTING CIRCUITS MAY NOT BE KNOWN OR HAS NOT BEEN VERIFIED. IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO TRACE OUT, LOCATE AND VERIFY THE DISCONNECTING MEANS OF EXISTING CIRCUIT(S) TO BE IMPACTED BY THE WORK. SAFE OFF THE CIRCUIT (SO AS REQUIRED TO SAFELY PERFORM THE WORK, AND RE-ENERGIZE UPON COMPLETION. UPDATE PANEL DIRECTORIES UPON COMPLETION.
16. ALL BRANCH CIRCUITS SHALL HAVE INDIVIDUAL NEUTRALS. SHARING COMMON NEUTRALS AMONG BUNDLED CIRCUITS IS SPECIFICALLY DISALLOWED UNLESS OTHERWISE NOTED.
17. 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.
18. FURNISH AND INSTALL ALL DISCONNECT DEVICES AND SAFETY SWITCHES AS SHOWN ON THE DRAWINGS AND / OR AS REQUIRED TO CONFORM WITH CODE REQUIREMENTS.
19. FURNISH AND INSTALL ALL INDICATED LIGHTING FIXTURES COMPLETE WITH MOUNTING HARDWARE AS REQUIRED FOR A COMPLETE INSTALLATION. NOTE ALL LIGHT FIXTURES SHALL BE SUPPORTED FROM BUILDING STRUCTURE. UTILIZING CEILING FRAMING ALONE IS NOT ACCEPTABLE. NEW LIGHTING FIXTURES (OTHER THAN THEATRICAL EQUIPMENT) SHALL NOT BE DAISY CHAINED. RE-USE OF AN EXISTING LIGHTING CIRCUIT INCLUDES HOME RUN WIRING OR WIRING UP TO THE SWITCH. ANY WIRING DOWNSTREAM OF THE SWITCH IS SUBJECT TO REMOVAL/REARRANGEMENT. ELECTRICAL CONTRACTOR SHALL ALLOW FOR THIS IN THE BID PRICE.
20. NEW CIRCUIT BREAKERS INSTALLED IN EXISTING PANELBOARD(S) SHALL BE LISTED/LABELED FOR USE WITH THE EXISTING PANELBOARD(S) AND SHALL MEET OR EXCEED THE INTERRUPTING RATING OF THE PANEL.
21. CONTRACTOR SHALL REFER TO ALL FURNITURE DRAWINGS BEFORE INSTALLING RECEPTACLES. THE MOUNTING HEIGHT OF THE RECEPTACLES IS 18" ABOVE FINISHED FLOOR UNLESS INDICATED ON THE DRAWING. COLOR, TYPE & FINISH OF ALL RECEPTACLES, DEVICES & FACE PLATES SHALL BE AS APPROVED BY ENGINEER AND ARCHITECT. CONTRACTOR SHALL PROVIDE & 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.
22. ALL BRANCH WIRING TO BE 1 #12 + 1 #12(N) + 1 #12(G) - 3/4"C (UNLESS OTHERWISE NOTED), OR STEEL JACKETED MC CABLE (WHERE CODE PERMITTED). ALUMINUM JACKETED MC CABLE IS NOT ACCEPTABLE.
23. UNLESS OTHERWISE SPECIFIED ON DRAWINGS, RUN BRANCH CIRCUITS IN DROPPED CEILINGS, VOIDS, CHASES, FLOOR BELOW AND BEHIND WALLS. ALL DEVICES & CONDUITS ON NEW CONSTRUCTION MUST BE RECESSED. CONDUITS MAY BE SURFACE MOUNTED IN MECHANICAL SPACES UNLESS OTHERWISE NOTED. CONDUITS IN PUBLIC AREAS SHALL BE CONCEALED IN HUNG CEILINGS, EMBEDDED IN SLAB OR MASONRY WALLS, EXCEPT WHERE SURFACE MOUNTED RACEWAY IS SPECIFIED. ALL WIRING THAT CANNOT BE CONCEALED IN MUST BE RUN IN FINISHED SURFACE RACEWAY SUCH AS WIREMOLD, COLOR PER ARCHITECT.
24. ALL CONNECTIONS AND / OR SPLICES SHALL BE MADE ONLY IN ACCESSIBLE JUNCTION BOXES.
25. ALL COUPLINGS AND CONNECTORS FOR USE WITH EMT SHALL BE COMPRESSION TYPE. SET SCREW TYPE OR INDENT TYPE FITTINGS WILL NOT BE ACCEPTED.
26. ALL PENETRATIONS TO BUILDING EXTERIOR SHALL BE SEALED WATERTIGHT. ROOF PENETRATIONS SHALL BE MADE VIA APPROVED PITCH POCKETS OR PIPE PORTALS AND IN ACCORDANCE WITH EXISTING ROOF WARRANTIES.
27. WIRING INSTALLED IN CEILINGS SHALL BE HUNG INDEPENDENT OF CEILING SYSTEM AND SECURELY TIED TO BUILDING STEEL.
28. 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.
29. FURNISH AND INSTALL ALL HARDWARE TO PROPERLY SUPPORT ALL CONDUITS NOT INSTALLED IN CONCRETE SLABS OR UNDERGROUND.
30. ALL CONDUITS OR MC CABLE SHALL BE EQUIPPED WITH AN INSULATING/CHAFE GUARD GROMMET AT WIRE ENTI/ENTRANCE. MC CABLE SHALL USE MC STYLE BUSHINGS. BX OR OTHER BUSHINGS ARE SPECIFICALLY DISALLOWED.
31. WHERE AN EXISTING CONDUIT OR CABLE IS REQUIRED TO BE REMOVED BUT SERVES AND EXISTING PIECE OF EQUIPMENT WHICH IS TO REMAIN OPERABLE, THE ELECTRICAL CONTRACTOR SHALL REROUTE SAID CONDUIT OR CABLE OR PROVIDE A NEW SOURCE OF POWER (APPROVED BY ENGINEERING) TO THIS EQUIPMENT AS A PART OF THIS CONTRACT.
32. 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. PROVIDE PRINT PANEL SCHEDULE. HAND WRITING NOT ALLOWED.
33. ALL CIRCUIT BREAKERS POSITIONS IN ALL PANELS ARE SHOWN FOR GROUPING PURPOSES ONLY. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR LOAD BALANCING.
34. ALL DEVICES SHALL BE FASTENED IN PLACE SECURELY.
35. WORK WHICH MUST BE DONE IN OCCUPIED AREAS SHALL BE DONE AT SUCH TIMES AS INDICATED IN THE PHASING OF CONSTRUCTION AND AS APPROVED BY THE OWNER. OUTAGES ARE ONLY PERMITTED OUTSIDE OF NORMAL BUSINESS HOURS. COORDINATE WITH OWNER. INCLUDE ALL PREMIUM TIME IN BID.
36. WHERE THE CONTRACTOR IS INSTRUCTED TO PROVIDE, INSTALL AND WIRE CIRCUIT BREAKER(S) TO AN EXISTING PANEL AND THAT PANEL DOES NOT HAVE THE ROOM TO INSTALL REQUIRED CIRCUIT BREAKERS, THE CONTRACTOR SHALL REMOVE (3) ADJACENT 1P CIRCUIT BREAKERS AND PROVIDE A 3P, 60A CIRCUIT BREAKER IN THEIR PLACE FOR SUB FEED TO A SURFACE MOUNTED 100A, 3P, 4W, 24 POLE SUB PANEL AND ESTABLISH OVERFLOW CIRCUITS IN NEW SUB PANEL. EACH WITH REQUIRED CIRCUIT BREAKERS. PROVIDE (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.
37. ALL DEVICES ADDRESSED BY ADA REGULATIONS SHALL BE INSTALLED AT ADA COMPLIANT HEIGHTS AND LOCATIONS.
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. UNLESS OTHERWISE NOTED, STARTERS AND DISCONNECTS FOR MECHANICAL EQUIPMENT SHALL BE FURNISHED BY THE MECHANICAL CONTRACTOR. COORDINATE WITH THE MECHANICAL CONTRACTOR FOR ALL POWERED MECHANICAL EQUIPMENT. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO INSTALL ALL MOTOR STARTERS AND ASSOCIATED POWER WIRING FROM SOURCE TO UNIT VIA STARTERS AND DISCONNECTS. THE LOCATIONS OF MOTOR STARTERS SHALL BE DETERMINED BY THE MECHANICAL CONTRACTOR IN THE FIELD AND SUBMITTED TO THE ENGINEER FOR APPROVAL UNLESS IT IS SPECIFIED ON THE DRAWINGS. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE MECHANICAL DRAWINGS, EQUIPMENT SCHEDULES AND NOTES AND INCLUDE IN HIS BID PRICE ALL ELECTRICAL WORK ASSOCIATED WITH THEIR INSTALLATION, AND THE REMOVAL OF ANY STARTERS / DISCONNECTS NO LONGER REQUIRED.
40. PROVIDE PROTECTIVE DUST COVERS ON SMOKE DETECTORS IN CONSTRUCTION AREAS. REMOVE COVERS UPON COMPLETION OF WORK.
41. ANY LIGHT FIXTURES INSTALLED IN GYMNASIUMS OR OTHER AREAS SUBJECT TO IMPACT OR PHYSICAL DAMAGE SHALL BE MOUNTED WITH SAFETY CHAINS AND SECURED TO STRUCTURE.
42. PROVIDE ALL WIRING, PANEL BOARDS, SWITCHES, FUSES, EQUIPMENT, AND ALL INCIDENTAL MATERIALS REQUIRED TO SUPPLY TEMPORARY AND PERMANENT ELECTRICAL NEEDS FOR THE WORK INVOLVED. ALL IN ACCORDANCE WITH OSHA, LOCAL, STATE AND UNDERWRITERS REQUIREMENTS.

DEMOLITION NOTES

1. THE ITEMS SPECIFICALLY SHOWN ON THE DEMOLITION DRAWINGS ARE TO BE ADDRESSED BY THE ELECTRICAL CONTRACTOR. THE ITEMS ARE TO BE TREATED AS NOTED AND RANGE FROM DIRECT REMOVAL AND DISPOSAL TO REMOVAL, STORAGE AND REINSTALLATION
2. MANY OTHER ELECTRIC ITEMS EXIST THAT ARE NOT SHOWN INCLUDING, BUT ARE NOT LIMITED TO, SWITCHES, RECEPTACLES, FLOOR OUTLETS, LOW VOLTAGE JACKS, LOW VOLTAGE DEVICES AND WIRING, TELEPHONE 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-ELECTRICAL CONTRACTORS. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ASSURING THAT ALL ELECTRIC DEVICES SCHEDULED FOR DEMOLITION, OF ANY VOLTAGE OR FUNCTION, ARE SAFE AND ADVISE THE OTHER CONTRACTORS.
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 UNLESS OTHERWISE NOTED. THE GENERAL CONTRACTOR SHALL THEN PERFORM ALL WORK ZONE DEMOLITION UNLESS OTHERWISE NOTED. THIS MATTER APPLIES TO ALL ELECTRIC ITEMS, OF ANY VOLTAGE OR PURPOSE.
4. THE SPECIALISPECIFIC 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 OWNERS 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. UNLESS OTHERWISE NOTED LIGHT FIXTURES ARE TO BE REMOVED AS GENERAL, NON ELECTRIC, CONTRACTOR DEMOLITION. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO SAFE OFF LIGHTING CIRCUITS FOR REMOVAL BY OTHERS. NO SPECIFIC QUANTITIES OR LOCATIONS ARE SHOWN. RETURN WHATEVER QUANTITY, IF ANY, OF THESE TO OWNER'S INVENTORY IF HE SO SPECIFIES OR THEY ARE OTHERWISE TO BE DISPOSED OF. ELECTRICAL CONTRACTOR SHALL EXAMINE FIXTURES FOR PRESENCE OF PCB'S AND SPECIAL DISPOSAL.
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 NORMALLY 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 THE 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.
12. EC IS RESPONSIBLE TO RESTORE AND COMPLETE SURFACES CAUSED BY THE REMOVAL OF DEVICES, CONDUITS, ETC. ALL FINISHES TO MATCH ADJACENT AREAS.

TEMPORARY POWER CONSTRUCTION NOTES

1. THE ELECTRICAL CONTRACTOR SHALL PROVIDE TEMPORARY POWER AND LIGHT IN THE CONSTRUCTION AREAS OF THE PROJECT.
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. 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.
6. THE ELECTRICAL CONTRACTOR SHALL PREPARE EACH PANEL SCHEDULE.
7. 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 ELECTRICAL CONTRACTOR FOR THE PURPOSE OF ATTACHMENT TO PROJECT. ALL ELECTRICAL HARDWARE SHALL BE NEW FOR THIS PROJECT.
8. ALL WIRING SHALL BE INSTALLED SO AS NOT TO CAUSE TRIPPING HAZARD OR SIMILAR OBSTRUCTION.
9. 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.
10. THE ELECTRICAL 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. ELECTRICAL CONTRACTOR SHALL COMMENCE WORK ON THIS PROJECT WITH A GROSS OF SPARE CONSTRUCTION BULBS AT HIS IMMEDIATE DISPOSAL.
11. REMOVAL OF THE TEMPORARY POWER AND LIGHTING SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL 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.
12. 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. THE OWNER IS TO PAY FOR POWER CONSUMPTION UNLESS OTHERWISE NOTED.

CONTRACTOR ABBREVIATIONS

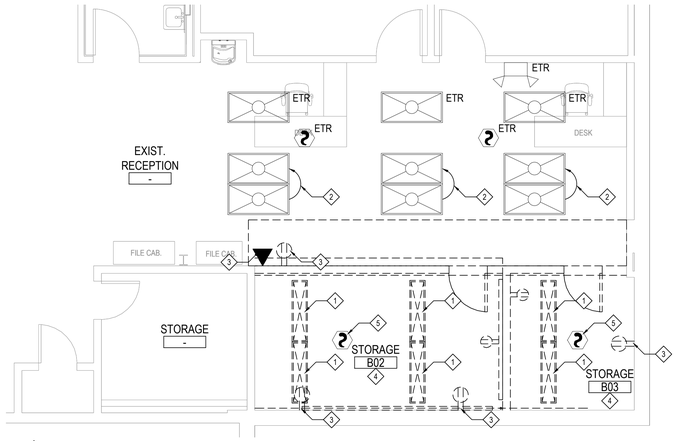
GC = GENERAL CONTRACTOR	PC = PLUMBING CONTRACTOR
MC = MECHANICAL CONTRACTOR	CC = CASEWORK CONTRACTOR
EC = ELECTRICAL CONTRACTOR	

ABBREVIATIONS

A	AMPERAGE OR AMPS
ABT	ABOVE BENCH TOP
AC	ALTERNATING CURRENT
ACT	ABOVE COUNTER TOP
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHD	ABOVE HAND DRYER
BC	BELOW CEILING
C	CONDUIT
CB	CIRCUIT BREAKER
CD	CANDELAS
CKT	CIRCUIT
CM	CEILING MOUNTED
DC	DIRECT CURRENT
DH	DOOR HOLDER
DISC	DISCONNECT
EC	ELECTRICAL CONTRACTOR
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
ETR	EXISTING TO REMAIN
EX	EXISTING
FA	FIRE ALARM
FM	FLOOR MOUNT
FMC	FLEXIBLE METAL CONDUIT
FSD	FIRE SMOKE DAMPER
FT	FEET
GC	GENERAL CONTRACTOR
GFCI, GFI	GROUND FAULT CIRCUIT INTERRUPTER
G, GND	GROUND
GRS	GALVANIZED RIGID STEEL
HD	HAND DRYER
IG	ISOLATED GROUND
IN	INCHES
KW	KILOWATTS
LFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MCB	MAIN CIRCUIT BREAKER
MDP	MAIN DISTRIBUTION PANEL
MH	MANHOLE
MIN	MINIMUM
MLO	MAIN LUG ONLY
MTD	MOUNTED
MTH	MOUNTING HEIGHT
N	NEUTRAL
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURES ASSOCIATION
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NTS	NOT TO SCALE
PA	PUBLIC ADDRESS
PC	PLUMBING CONTRACTOR
PV	PHOTOVOLTAIC
PVC	POLYVINYL CHLORIDE
REC	RECEPTACLE
REQ'D.	REQUIRED
RL	RELOCATED
R&R	REMOVE AND REINSTALL
SCH	SCHEDULE
SM	SURFACE MOUNTED
SPD	SURGE PROTECTIVE DEVICE
SQ	SQUARE
SWBD	SWITCHBOARD
SWG	STEEL WIRE GUARD
TK	TOE KICK
TSP	TWISTED SHIELDED PAIR
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
TYP	TYPICAL
UC	UNDER COUNTER
UG	UNDER GROUND
UTP	UNSHIELDED TWISTED PAIR
UWS	UNTWISTED
V	VOLTAGE OR VOLTS
VFD	VARIABLE FREQUENCY DRIVE
W	WATTAGE OR WATTS
WG	WIRE GUARD
WM	WALL MOUNTED
WP	WEATHER PROOF
XFMR	TRANSFORMER

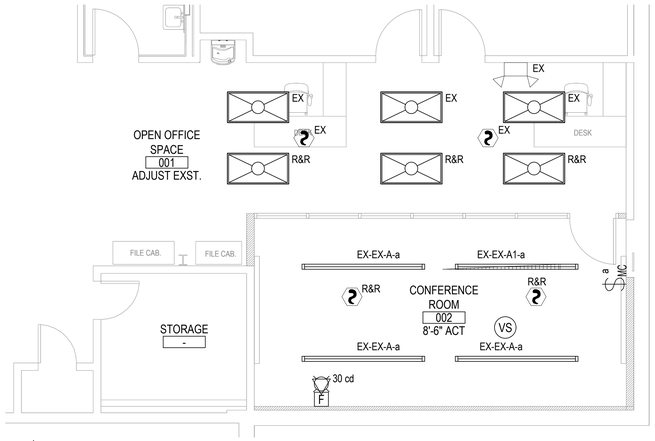
FIRE STOP NOTES

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 SPECIF



DEMOLITION PLAN - LOWER LEVEL ◇6

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



PROPOSED LIGHTING AND SPECIAL SYSTEM PLAN - LOWER LEVEL

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

PROPOSED POWER PLAN - LOWER LEVEL

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

DEMOLITION KEYED NOTES

1. EXISTING CEILING SURFACE MOUNT 1X4 LIGHT TO BE DE-ENERGIZED AND REMOVED. PROTECT EXISTING LIGHTING CIRCUIT FOR FUTURE USE.
2. EXISTING RECESSED 2X4 LIGHTING FIXTURE TO BE RELOCATED AS INDICATED LOCATION.
3. EXISTING RECEPTACLE AND SURFACE MOUNT CONDUIT TO BE REMOVED. PROTECT EXISTING POWER FEEDER FOR FUTURE USE. EXISTING DATA DROP TO BE REMOVED.
4. EXISTING ELECTRICAL BASE HEATERS TO BE DE-ENERGIZED AND REMOVED. EXISTING POWER FEEDER TO BE REMOVED BACK TO SOURCE.
5. EXISTING SMOKE DETECTOR TO BE REMOVED, STORED, REINSTALLED AS INDICATED LOCATION.
6. DE-ENERGIZED ALL DEMOLISHED MECHANICAL AND PLUMBING EQUIPMENT. SEE MECHANICAL AND PLUMBING DRAWING FOR MORE DETAILS. PATCH ALL THE WALL AND CEILING NOT TO BE USED OPENING AFTER ELECTRICAL DEVICES REMOVED. PROVIDE AND INSTALL J-HOOKS OR SIMILAR TO SUPPORT ANY LOOSE CABLES, OF ANY VOLTAGE, WHEN EXISTING CEILING IS REMOVED. SUPPORT DISTANCE PER CODE AND MANUFACTURES INSTRUCTIONS. ANY CEILING MOUNTING UN-USED ELECTRICAL DEVICES TO BE REMOVED AND DISPOSED.

DEMOLITION LEGEND

SYMBOL	DESCRIPTION
	2' X 4' RECESSED LIGHTING FIXTURE.
	1' X 4' SURFACE MOUNT LIGHTING FIXTURE.
	EMERGENCY WALL PACK LIGHTING FIXTURE.
	RECEPTACLE.
	DATA DROP.
	SMOKE DETECTOR WITH BASE.

DRAWING LEGEND

TYPE	SYMBOL	DESCRIPTION
A		8' RECESSED LINEAR LED LIGHTING FIXTURE. 4RLS-8-LED-13L-UE-35-WHT WITH 24 WATTS OUTPUT LED LAMPS AND 0-10V DIMMING DRIVER BY 'LSI INDUSTRIES INC.'.
A1		8' RECESSED LINEAR LED EMERGENCY LIGHTING FIXTURE. 4RLS-8-LED-13L-UE-35-WHT-EM WITH 24 WATTS OUTPUT LED LAMPS AND 0-10V DIMMING DRIVER AND 90 MINUTES EMERGENCY BATTERY PACK BY 'LSI INDUSTRIES INC.'.
		EXISTING 2' X 4' RECESSED LED LIGHTING FIXTURE.
		EXISTING EMERGENCY WALL PACK LIGHTING FIXTURE.
	VS	CEILING MOUNTED VACANCY / DAYLIGHT SENSOR, LOW VOLTAGE, DUAL TECHNOLOGY, COMPLETE W/ POWER PACK(S) AS REQUIRED. VAC-DT-2000-R BY 'COOPER LIGHTING SOLUTIONS - GREENGATE'.
	$MC	MOMENTARY DECORATOR LOW VOLTAGE SWITCH, GMDS-W WITH 302/304 STAINLESS STEEL FACE PLATE BY 'COOPER LIGHTING SOLUTIONS - GREENGATE'.
		TAMPER-RESISTANT DUPLEX ELECTRICAL OUTLET FOR CONVENIENCE POWER WITH CHROME PLATED STEEL FACEPLATE, NEMA 5-20R. DR20WHITR BY 'HUBBELL'.
	XXX/#	UN-FUSED DISCONNECT SWITCH, NEMA 1 UNLESS INDICATED ON DRAWING. LEFT NUMBER INDICATES SWITCH SIZE RIGHT NUMBER INDICATES POLE COUNT.
		PANEL.
	$	SWITCH: LOWER CASE LETTER INDICATES SWITCHING DESIGNATION UPPER CASE LETTER(S) OR NUMBER SUBSCRIPTS: (NONE) = SINGLE POLE, 20 A, HEAVY DUTY SPEC GRADE SWITCH K = KEY D = DIMMER M = SINGLE POLE, MOTOR 2 = DOUBLE POLE 3 = TREE WAY 4 = FOUR WAY EM = EMERGENCY LV2 = TWO GANG LOW VOLTAGE BUTTON EF = COMMERCIAL GRADE EXHAUST FAN FAN = CEILING FAN MC = MOMENTARY CONTACT 1B = ONE BUTTON 2B = TWO BUTTONS
		EXISTING SMOKE DETECTOR WITH BASE.
		NEW WALL MOUNT FIRE ALARM SPEAKER / STROBE NOTIFICATION DEVICE. MATCH EXISTING

POWER KEYED NOTES

1. FOR EXISTING PANEL 'UP-SC', PROVIDE AND INSTALL (2) 20 AMP, 2 POLE AND (2) 20 AMP, 1 POLE CIRCUIT BREAKERS. CIRCUIT BREAKER NUMBER FOR REFERENCE ONLY. FIELD VERIFY EXISTING PANELS AVAILABILITY. FIELD VERIFY EXISTING CONDITION, MODIFY POSITION AS REQUIRE. UPGRADE AND PROVIDE PRINT SCHEDULE. HAND WRITING NOT ALLOWED.
2. DISCONNECT SWITCH, HEAVY DUTY, 240 V AC, TWO POLE, 30 AMP, NEMA 3R, UNFUSED FOR OUTDOOR UNIT 'ACCU-BSM-1'. PROVIDE AND INSTALL BY MECHANICAL CONTRACTOR AND WIRE BY ELECTRICAL CONTRACTOR, AND ALSO WIRE FROM OUTDOOR UNIT 'ACCU-BSM-1' TO INDOOR UNIT 'AC-BSM-1' PER EQUIPMENT SPECIFICATION. SEE MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT DETAILS AND NOTES.
3. FIELD VERIFY RECEPTACLE MOUNTING HEIGHT WITH OWNER LCD SCREEN.

DRAWING CONSTRUCTION NOTES

1. THE WIRES ARE 2 #12 + 1 #12(G) IN 3/4"C UNLESS INDICATED OTHERWISE.
2. CONTRACTOR SHALL WIRE NEW LIGHTING FIXTURES TO EXISTING LIGHTING CIRCUIT SERVING THAT ROOM AND NEW SWITCH AND NEW CEILING MOUNT OCCUPANCY SENSORS, PROVIDE NEW MATCH WIRES AS REQUIRE. THE ROOMS WITH VACANCY/OCCUPANCY SENSOR ON THIS CONTRACT SHALL BE WIRED PER 'COOPER LIGHTING SOLUTIONS - GREENGATE' OCCUPANCY SENSOR SYSTEM SUPPLIED WIRING DIAGRAMS. THE VACANCY/OCCUPANCY SENSORS ARE MANUAL MODE OPERATION. CONTRACTOR SHALL FIELD ADJUST SENSOR SENSITIVITY AND LOCATION, CONSULTING OWNER FOR REQUIREMENT.
3. ALL FIXTURES SHALL BE WIRED TO BE INDEPENDENT FROM ONE ANOTHER, I.E. NO DAISY CHAIN WIRING AND FIXTURE SHALL NOT BE UTILIZED AS A RACEWAY.
4. CONTRACTOR SHALL PROVIDE SEPARATELY WIRES FOR EMERGENCY FIXTURES RECHARGE.
5. CONTRACTOR SHALL CONNECT THE EMERGENCY INVERTER SYSTEM/EMERGENCY LIGHTING UNITS DIRECTLY TO THE ASSOCIATED LIGHTING CIRCUIT BREAKERS AHEAD OF LIGHTING SWITCHES, CONTACTORS, ETC., SO ON A TRIP OR DELIBERATE TURN OFF THE FEED BREAKERS THE EMERGENCY LIGHTS SHALL BE TURNED ON WITHIN 10 SECONDS. THE EMERGENCY BATTERY SHOULD LAST MINIMUM 90 MINUTES.
6. MOUNT ALL LIGHTING SWITCHES AT 48" A.F.F.. ALL SWITCHES COLOR SHALL BE BY ARCHITECT.
9. CONTRACTOR SHALL PROVIDE AND INSTALL ALL ELECTRICAL LIGHTING FIXTURES AND ASSOCIATED COMPONENTS AND WIRING AS SHOWN ON ELECTRICAL DRAWINGS UNLESS NOTED OTHERWISE.
10. CONTRACTOR SHALL PROVIDE AND INSTALL NEW CIRCUIT BREAKERS IN EXISTING PANEL AS REQUIRE. NEW CIRCUIT BREAKERS INSTALLED IN EXISTING PANELBOARD(S) SHALL BE LISTED/LABELED FOR USE WITH THE EXISTING PANELBOARD(S). MATCH AIC RATINGS.
11. THE MOUNTING HEIGHT OF THE RECEPTACLES IS 18" ABOVE FINISHED FLOOR UNLESS INDICATED ON THE DRAWING.
12. COLOR, TYPE & FINISH OF ALL RECEPTACLES, DEVICES & FACE PLATES SHALL BE AS APPROVED BY ENGINEER AND ARCHITECT.
13. ELECTRICAL CONTRACTOR SHALL REFER TO ALL FURNITURE DRAWINGS BEFORE INSTALLING RECEPTACLES.
14. SEE TECHNOLOGY DRAWINGS FOR MORE DETAILS.
15. SEE MECHANICAL AND PLUMBING DRAWINGS FOR MECHANICAL AND PLUMBING EQUIPMENT DETAILS AND NOTES.
16. CONTRACTOR SHALL CONNECT ALL ELECTRICAL OPERATED MECHANICAL EQUIPMENT VIA STARTERS, DISCONNECT, HEATERS, ETC. PROVIDE BY MECHANICAL CONTRACTOR.
17. CONTRACTOR SHALL EXTEND THE EXISTING FIRE ALARM SYSTEM TO PROVIDE COVERAGE FOR THE NEW DEVICES ADD AREAS AND INTEGRATE THEM INTO THE EXISTING SYSTEM. ALL DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS. THE EXISTING FIRE ALARM CONTROL PANEL 'SIEMENS' LOCATED AT MAIN LOBBY. UPGRADE ANNUNCIATOR PANEL IN VARIOUS LOCATION. CONTRACTOR SHALL FIELD VERIFY EXISTING FIRE ALARM CONTROL PANEL AND CONFIRM THERE ARE NO TROUBLE CODES BEFORE STARTING ANY WORK, NOTIFY ARCHITECT/CM IF THERE ARE PROBLEM. THE CONTRACTOR SHALL PROVIDE THE ITEMS ON THE DRAWING AND ALL RELATED EXPANSION, ADAPTIVE, POWER, AND CONNECTING WIRING AND DEVICES FOR A FULLY FUNCTIONING SYSTEM. WIRING IN DROP CEILINGS SHALL BE SUPPORTED EVERY 3 FEET, AND FROM BUILDING STEEL. ANY WIRING EXPOSED SHALL BE IN EMT.
18. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND APPROVALS FOR THIS PROJECT AND PAY RELATED FEES.
19. PROVIDE ADAPTIVE HARDWARE TO POWER OF THE STROBES AND SPEAKERS. THE STROBE CANDELA IS 15 cd UNLESS OTHERWISE INDICATED ON DRAWING.
20. ALL WIRES SHALL BE AS SPECIFIED BY EXISTING FIRE ALARM MANUFACTURE AND PLENUM RATED.
21. ALL WORK SHALL BE IN ACCORDANCE EXISTING FIRE ALARM SPECIFICATIONS, LATEST EDITION OF NEC, ANY LOCAL, STATE CODES, AND ENGINEERING SPECIFICATIONS.
22. EACH PRIME CONTRACTOR IS RESPONSIBLE FOR THE PREPARATION OF JOINTLY PRODUCED COORDINATION DRAWINGS - NO EXCEPTIONS - REFER TO THE SPECIAL PROVISIONS OF THE CONTRACT FOR ALL CONTRACTUAL REQUIREMENTS SPECIFIC TO THE COORDINATION OF EACH TRADES WORK WITH ALL OTHER CONTRACTORS.

REV.	DATE	ITEM

NOTICE

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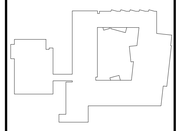

KEY PLAN

NOT TO SCALE

PROJECT

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK ELEMENTARY SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE

ELECTRICAL
DEMOLITION AND PROPOSED PLAN - LOWER LEVEL

DRAWING BY: LW

CHECK BY: ---

NOTICE

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BBS
ARCHITECTS
LANDSCAPE ARCHITECTS
ENGINEERS

244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

187 WOLF ROAD, STE. 205
ALBANY
NEW YORK 12205
T. 518.621.7650
F. 518.621.7655

www.BBSARCHITECTURE.com

SED No.	66-19-05-02-0-001-018
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	ELECTRICAL DEMO AND PROPOSED PLAN
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142b

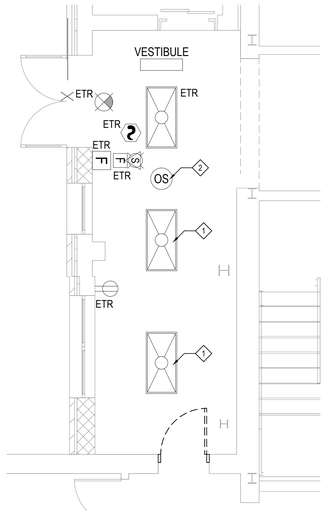
E6.01

DEMOLITION LEGEND

SYMBOL	DESCRIPTION
	2' X 4' RECESSED LIGHTING FIXTURE.
	EXIT SIGN.
OS	OCCUPANCY SENSOR.
	RECEPTACLE.
	SMOKE DETECTOR WITH BASE.
	WALL MOUNT FIRE ALARM SPEAKER / STROBE NOTIFICATION DEVICE.
F	PULL STATION.

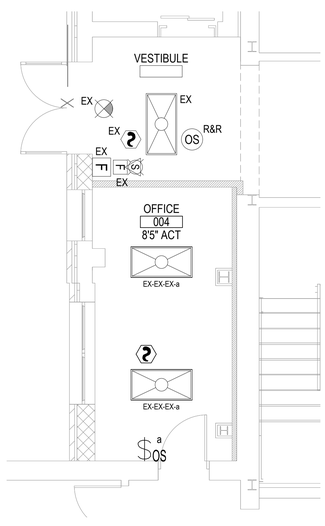
DEMOLITION KEYED NOTES

1. EXISTING RECESSED 2X4 LIGHTING FIXTURE TO BE REMOVED, STORED, REINSTALLED AS INDICATED LOCATION. PROTECT EXISTING LIGHTING CIRCUIT FOR FUTURE USE.
2. EXISTING CEILING MOUNT OCCUPANCY SENSOR FOR EXISTING VESTIBULE LIGHTING FIXTURES TO BE RELOCATED AS INDICATED ON DRAWING.



DEMOLITION PLAN - FIRST FLOOR

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



PROPOSED LIGHTING AND SPECIAL SYSTEM PLAN - FIRST FLOOR

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

DRAWING LEGEND

TYPE	SYMBOL	DESCRIPTION
		EXISTING 2' X 4' RECESSED LED LIGHTING FIXTURE.
		EXISTING EXIT SIGN.
	OS	EXISTING OCCUPANCY SENSOR.
	$OS	NEW DUAL TECHNOLOGY SINGLE LEVEL OCCUPANCY SENSING WALL SWITCH. ONW-D-1001-MV-N-W BY 'COOPER LIGHTING SOLUTIONS - GREENGATE'.
		ADDRESSABLE PHOTOELECTRIC SMOKE DETECTION DEVICE. MATCH EXISTING.

DRAWING CONSTRUCTION NOTES

1. THE WIRES ARE 2 #12 + 1 #12(G) IN 3/4"C UNLESS INDICATED OTHERWISE.
2. CONTRACTOR SHALL WIRE EXISTING LIGHTING FIXTURES TO EXISTING LIGHTING CIRCUIT SERVING THE AREA AND NEW OCCUPANCY SENSING SWITCH. PROVIDE NEW MATCH WIRES AS REQUIRE. THE ROOMS WITH VACANCY/OCCUPANCY SENSOR ON THIS CONTRACT SHALL BE WIRED PER 'COOPER LIGHTING SOLUTIONS - GREENGATE' OCCUPANCY SENSOR SYSTEM SUPPLIED WIRING DIAGRAMS. CONTRACTOR SHALL FIELD ADJUST SENSOR SENSITIVITY AND LOCATION, CONSULTING OWNER FOR REQUIREMENT.
3. ALL FIXTURES SHALL BE WIRED TO BE INDEPENDENT FROM ONE ANOTHER, I.E. NO DAISY CHAIN WIRING AND FIXTURE SHALL NOT BE UTILIZED AS A RACEWAY.
4. MOUNT ALL LIGHTING SWITCHES AT 48" A.F.F.. ALL SWITCHES COLOR SHALL BE BY ARCHITECT.
9. CONTRACTOR SHALL PROVIDE AND INSTALL ALL ELECTRICAL LIGHTING FIXTURES AND ASSOCIATED COMPONENTS AND WIRING AS SHOWN ON ELECTRICAL DRAWINGS UNLESS NOTED OTHERWISE.
10. CONTRACTOR SHALL EXTEND THE EXISTING FIRE ALARM SYSTEM TO PROVIDE COVERAGE FOR THE NEW DEVICES ADD AREAS AND INTEGRATE THEM INTO THE EXISTING SYSTEM. ALL DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS. THE EXISTING FIRE ALARM CONTROL PANEL 'SIEMENS' LOCATED AT MAIN LOBBY. UPGRADE ANNUNCIATOR PANEL IN VARIOUS LOCATION. CONTRACTOR SHALL FIELD VERIFY EXISTING FIRE ALARM CONTROL PANEL AND CONFIRM THERE ARE NO TROUBLE CODES BEFORE STARTING ANY WORK, NOTIFY ARCHITECT/CM IF THERE ARE PROBLEM. THE CONTRACTOR SHALL PROVIDE THE ITEMS ON THE DRAWING AND ALL RELATED EXPANSION, ADAPTIVE, POWER, AND CONNECTING WIRING AND DEVICES FOR A FULLY FUNCTIONING SYSTEM. WIRING IN DROP CEILINGS SHALL BE SUPPORTED EVERY 3 FEET, AND FROM BUILDING STEEL. ANY WIRING EXPOSED SHALL BE IN EMT.
11. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND APPROVALS FOR THIS PROJECT AND PAY RELATED FEES.
12. ALL WIRES SHALL BE AS SPECIFIED BY EXISTING FIRE ALARM MANUFACTURE AND PLENUM RATED.
13. ALL WORK SHALL BE IN ACCORDANCE EXISTING FIRE ALARM SPECIFICATIONS, LATEST EDITION OF NEC, ANY LOCAL, STATE CODES, AND ENGINEERING SPECIFICATIONS.
14. EACH PRIME CONTRACTOR IS RESPONSIBLE FOR THE PREPARATION OF JOINTLY PRODUCED COORDINATION DRAWINGS - NO EXCEPTIONS - REFER TO THE SPECIAL PROVISIONS OF THE CONTRACT FOR ALL CONTRACTUAL REQUIREMENTS SPECIFIC TO THE COORDINATION OF EACH TRADES WORK WITH ALL OTHER CONTRACTORS.

REV.	DATE	ITEM

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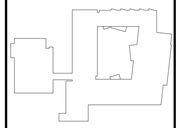

KEY PLAN

NOT TO SCALE

PROJECT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK ELEMENTARY SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE: ELECTRICAL
DEMOLITION AND PROPOSED PLAN - FIRST FLOOR

DRAWING BY: LW
CHECK BY: ---

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BBS
ARCHITECTS
LANDSCAPE ARCHITECTS
ENGINEERS

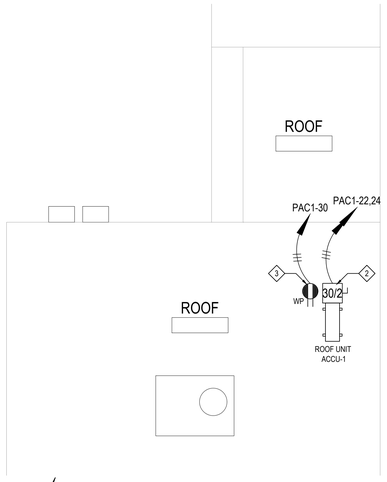
244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

187 WOLF ROAD, STE. 205
ALBANY
NEW YORK 12205
T. 518.621.7650
F. 518.621.7655

www.BBSARCHITECTURE.com

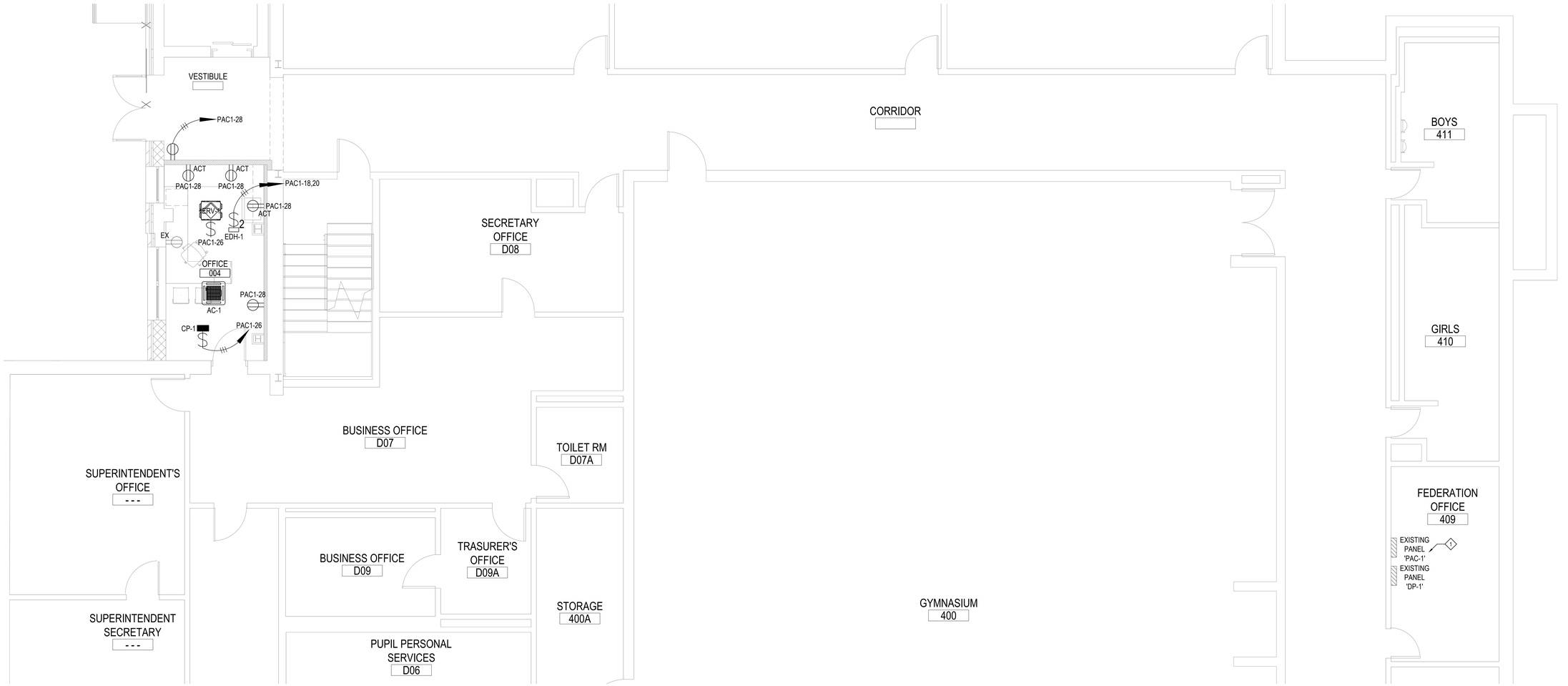
SED No.	66-19-05-02-0-001-018
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	ELECTRICAL DEMO AND PROPOSED PLAN
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142b

E6.02



PROPOSED POWER PLAN - ROOF

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



PROPOSED POWER PLAN - FIRST FLOOR

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

POWER CONSTRUCTION NOTES

1. THE WIRES ARE 2 #12 + 1 #12(G) IN 3/4"C UNLESS INDICATED OTHERWISE. NEW CIRCUIT BREAKERS INSTALLED IN EXISTING PANELBOARD(S) SHALL BE LISTED/LABELED FOR USE WITH THE EXISTING PANELBOARD(S). MATCH AIC RATING.
2. THE MOUNTING HEIGHT OF THE RECEPTACLES IS 18" ABOVE FINISHED FLOOR UNLESS INDICATED ON THE DRAWING.
3. COLOR, TYPE & FINISH OF ALL RECEPTACLES, DEVICES & FACE PLATES SHALL BE AS APPROVED BY ENGINEER AND ARCHITECT.
4. ELECTRICAL CONTRACTOR SHALL REFER TO ALL FURNITURE DRAWINGS BEFORE INSTALLING RECEPTACLES.
5. SEE TECHNOLOGY DRAWINGS FOR MORE DETAILS.
6. SEE MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT DETAILS AND NOTES.
7. ELECTRICAL CONTRACTOR SHALL CONNECT ALL ELECTRICAL OPERATED MECHANICAL EQUIPMENT VIA STARTERS, VARIABLE FREQUENCY DRIVE (VFD), DISCONNECT, HEATERS, ETC. PROVIDE BY MECHANICAL CONTRACTOR. COOPERATE WITH MECHANICAL CONTRACTOR AND FIELD VERIFY ALL DEVICES LOCATION.
8. CONTRACTOR SHALL PROVIDE ANY ADDITIONAL EQUIPMENT NEEDED TO HAVE A COMPLETE AND OPERATIONAL SYSTEM.
9. EACH PRIME CONTRACTOR IS RESPONSIBLE FOR THE PREPARATION OF JOINTLY PRODUCED COORDINATION DRAWINGS - NO EXCEPTIONS - REFER TO THE SPECIAL PROVISIONS OF THE CONTRACT FOR ALL CONTRACTUAL REQUIREMENTS SPECIFIC TO THE COORDINATION OF EACH TRADES WORK WITH ALL OTHER CONTRACTORS.

WIRING DEVICES LEGEND

SYMBOL	DESCRIPTION
	TAMPER-RESISTANT DUPLEX ELECTRICAL OUTLET FOR CONVENIENCE POWER WITH CHROME PLATED STEEL FACEPLATE, NEMA 5-20R. DR20WHITR BY 'HUBBELL'.
	TAMPER-RESISTANT GROUND FAULT INTERRUPTED DUPLEX ELECTRICAL OUTLET FOR CONVENIENCE POWER WITH CHROME PLATED STEEL FACEPLATE, NEMA 5-20R. AFGF20TRW BY 'HUBBELL'.
	UN-FUSED DISCONNECT SWITCH, NEMA 1 UNLESS INDICATED ON DRAWING. LEFT NUMBER INDICATES SWITCH SIZE, RIGHT NUMBER INDICATES POLE COUNT.
	PANEL.
$	SWITCH: LOWER CASE LETTER INDICATES SWITCHING DESIGNATION UPPER CASE LETTER(S) OR NUMBER SUBSCRIPTS: (NONE) = SINGLE POLE, 20 A, HEAVY DUTY SPEC GRADE SWITCH K = KEY D = DIMMER M = SINGLE POLE, MOTOR 2 = DOUBLE POLE 3 = TREE WAY 4 = FOUR WAY EM = EMERGENCY LV2 = TWO GANG LOW VOLTAGE BUTTON EF = COMMERCIAL GRADE EXHAUST FAN FAN = CEILING FAN MC = MOMENTARY CONTACT 1B = ONE BUTTON 2B = TWO BUTTONS

POWER KEYED NOTES

1. FOR EXISTING 208/120V AC, 225 AMP, 42 POLE PANEL 'PAC-1', PROVIDE AND INSTALL (2) 20 AMP, 2 POLE AND (3) 20 AMP, 1 POLE CIRCUIT BREAKERS. FIELD VERIFY EXISTING PANELS AVAILABILITY. FIELD VERIFY EXISTING CONDITION, MODIFY POSITION AS REQUIRE. UPGRADE AND PROVIDE PRINT CIRCUIT BREAKER TAGS AND PANEL SCHEDULE. HAND WRITING NOT ALLOWED.
2. DISCONNECT SWITCH, HEAVY DUTY, 240 V AC, TWO POLE, 30 AMP, NEMA 3R, UNFUSED FOR OUTDOOR UNIT 'ACCU-1'. PROVIDE AND INSTALL BY MECHANICAL CONTRACTOR AND WIRE BY ELECTRICAL CONTRACTOR, AND ALSO WIRE FROM OUTDOOR UNIT 'ACCU-1' TO INDOOR UNIT 'AC-1' PER EQUIPMENT SPECIFICATION. SEE MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT DETAILS AND NOTES.
3. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL AND WIRE WEATHER PROOF GFI CONVENIENCE RECEPTACLE. PROVIDE KINDORF MOUNTING KIT AS REQUIRE.

REV.	DATE	ITEM

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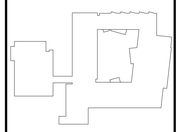

KEY PLAN

NOT TO SCALE

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK ELEMENTARY SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

PROJECT

ELECTRICAL
PROPOSED POWER PLAN - FIRST FLOOR AND ROOF

DWG TITLE

DRAWING BY: LW

CHECK BY: ---

NOTICE

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BBS
ARCHITECTS
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ENGINEERS

244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

187 WOLF ROAD, STE. 205
ALBANY
NEW YORK 12205
T. 518.621.7650
F. 518.621.7655

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SED No.	66-19-05-02-0-001-018
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	ELECTRICAL PROPOSED POWER PLAN
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142b

E6.03

GENERAL NOTES

1. IT IS STRONGLY RECOMMENDED BY THE ARCHITECT / ENGINEER THAT THE CONTRACTOR VISIT THE SITE AND VERIFY IN THE FIELD ALL EXISTING CONDITIONS PRIOR TO BIDDING. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS REQUIRED FOR ESTIMATING.
2. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR NO MATTER WHAT TRADE, TO REVIEW THE ENTIRE BID PACKAGE CONSISTING OF (ALL CONSTRUCTION DRAWINGS AND THE PROJECT MANUAL) PRIOR TO SUBMITTING THEIR BID. THE CONTRACTOR(S) WILL BE HELD ACCOUNTABLE FOR ALL MATERIALS IN THE BID PACKAGE NO MATTER WHERE IT IS LOCATED IN THE DOCUMENTATION.
3. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL EXISTING CONDITIONS, COMPONENTS, MEASUREMENTS, DISCREPANCIES AND ANY OTHER ITEMS THAT WILL IMPEDE THE PROGRESS OF OR INCREASE THE COSTS TO THE CURRENT WORK SCOPE. IF ANY OF THESE ITEMS EXIST THE CONTRACTOR SHALL REFER TO GENERAL NOTE No. 4.
4. ALL QUESTIONS, DISCREPANCIES AND REQUESTS FOR INFORMATION MUST BE SUBMITTED IN WRITTEN FORM TO THE ATTENTION OF THE ARCHITECT OR ENGINEER. THE CONTRACTOR SHALL FOLLOW THE FORMAT OUTLINED IN THE PROJECT MANUAL, DIVISION 1, GENERAL REQUIREMENTS, SPECIFICATION SECTION - 012600, CONSTRUCTION PHASE CLARIFICATIONS, REQUESTS FOR INFORMATION FROM ARCHITECT'S OFFICE.
5. IF NO QUESTIONS ARE RAISED ON A PARTICULAR ITEM IN QUESTION DURING THE BIDDING PROCESS, IT WILL BE THE UNDERSTANDING OF THE OWNER, CONSTRUCTION MANAGER, ARCHITECT, ENGINEER AND CONTRACTOR(S), THAT THE CONTRACTOR HAS VISITED THE SITE IN CONJUNCTION WITH REVIEWING THE CONTRACT DOCUMENTS (ALL CONSTRUCTION DRAWINGS AND THE PROJECT MANUAL) AND UNDERSTANDS THE ARCHITECTS/ENGINEERS INTENTIONS. IF A QUESTION IS RAISED AFTER THE BIDDING PHASE, THE CONTRACTOR WILL BE HELD TO THE ARCHITECT OR ENGINEERS INTERPRETATION OF ANY AND ALL COSTS ASSOCIATED WILL BARE SOLELY ON THE RESPONSIBILITY OF THE CONTRACTOR. NO ADDITIONAL COSTS WILL BE ACCEPTED OR PASSED ONTO THE OWNER.
6. THE CONTRACTOR SHALL PROTECT THE AREA OF WORK FROM ANY INCLEMENT WEATHER THAT MAY OCCUR DURING THE WORK DAY AND AFTER DAILY OPERATIONS. THIS PROTECTION SHALL BE IN PLACE THROUGHOUT THE DURATION OF THE PROJECT, AS OUTLINED IN SPECIFICATION SECTION 013000.
7. ALL WORK SHALL BE IN ACCORDANCE WITH STATE AND LOCAL CODES, THE REQUIRED EXITS IN THE EXISTING BUILDING MUST BE KEPT CLEAR, MAINTAINED AND PROTECTED, AS OUTLINED IN SPECIFICATION SECTION 013500 - UNIFORMED SAFETY STANDARDS FOR SCHOOL CONSTRUCTION AND MAINTENANCE PROJECTS: COMMISSIONERS REGULATIONS, SECTION 155.5.
8. ALL CONTRACTORS SHALL SUBMIT SAMPLES TO THE ARCHITECT/ENGINEER FOR REVIEW PRIOR TO THE COMMENCEMENT OF WORK. ALL SUBMITTALS SHALL BE IN ACCORDANCE WITH THE PROJECT MANUAL - DIVISION 1 - GENERAL REQUIREMENTS - SPECIFICATION SECTION 013300 - SUBMISSIONS.
9. ALL DEMOLITION AND CONSTRUCTION WORK TO BE PERFORMED WITHOUT INTERRUPTION TO THE DISTRICT ADMINISTRATION OPERATIONS AND SHALL COMPLY WITH THE PROCEDURES OUTLINED IN THE PROJECT MANUAL - DIVISION 1 - GENERAL REQUIREMENTS - SECTION 013300 - SPECIAL PROCEDURES AND PROVISIONS, AND SECTION 013500 - COMMISSIONERS REGULATIONS, (PART 155.5) AND SAFETY STANDARDS.
10. ALL EXISTING VENTILATION DIFFUSERS AND GRILLS SHALL BE COVERED AND PROTECTED AGAINST ANY FOREIGN MATTER ENTERING THE SYSTEMS DURING CONSTRUCTION. THE CONTRACTOR MUST ALSO MAINTAIN ADEQUATE VENTILATION THROUGH OUT THE PROJECT AS STATED IN THE, REGULATIONS OF THE COMMISSIONER OF EDUCATION PART 155 (8NYCRR 155)," AS OUTLINED IN SPECIFICATION SECTION - 013500.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF CHEMICAL FUMES, GASES, AND OTHER CONTAMINATES TO ENSURE THEY DO NOT ENTER OCCUPIED PORTIONS OF THE BUILDING OR AIR INTAKES, AS OUTLINED IN SPECIFICATION SECTION 013500 - UNIFORMED SAFETY STANDARDS FOR SCHOOL CONSTRUCTION AND MAINTENANCE PROJECTS: COMMISSIONERS REGULATIONS, SECTION 155.5.
12. ALL WORK AND MATERIALS OF THIS PROJECT AND ADJACENT SURFACES SHALL BE PROTECTED FROM DAMAGE. IN THE EVENT OF DAMAGE, THE CONTRACTOR SHALL IMMEDIATELY MAKE REPAIRS AND REPLACEMENTS NECESSARY TO THE APPROVAL OF THE ARCHITECT/ENGINEER AND AT NO ADDITIONAL COST TO THE OWNER.
13. THE CONTRACTOR SHALL ENFORCE UPON STRICT DISCIPLINE AND GOOD ORDER AMONG THE CONTRACTORS EMPLOYEES AND OTHER PERSONS CARRYING OUT THE CONTRACT. THE CONTRACTORS SHALL NOT PERMIT EMPLOYMENT OF UNFIT PERSONS OR PERSONS NOT SKILLED IN THE TASK ASSIGNED TO THEM. ALL IN ACCORDANCE WITH PROJECT MANUAL SECTION - CONDITIONS OF THE CONTRACT.
14. ALL WORKERS WILL BE REQUIRED TO WEAR A PHOTO-IDENTIFICATION BADGE FOR WORKERS IDENTIFICATION AND SECURITY PURPOSES WHILE WORKING AT OCCUPIED SITES. ALL IN ACCORDANCE WITH PROJECT MANUAL SECTION - CONDITIONS OF THE CONTRACT.
15. ALL PROJECT WASTE MATERIAL AND RUBBISH SHALL BE DISPOSED IN CONTAINERS PROVIDED BY THE CONTRACTOR FOR SUBSEQUENT LEGAL OFF-SITE DISPOSAL. CONTAINER LOCATIONS ARE TO BE COORDINATED WITH SCHOOL DISTRICT OFFICIALS. OFF-SITE DISPOSAL SHALL BE PERFORMED ON A REGULAR BASIS. CONTRACTORS SHALL RESTORE ALL CONDITIONS TO THE STATE OF CLEANLINESS THAT EXISTED PRIOR TO COMMENCEMENT OF WORK.
16. ALL INTERIOR SURFACES DISTURBED DURING CONSTRUCTION SHOULD BE REPAIRED AND/OR REPLACED TO MATCH EXISTING CONDITIONS TO THE APPROVAL OF THE ARCHITECT/ENGINEER AND OWNER.

GENERAL RACEWAY NOTES

1. QUANTITIES OF MATERIAL AS REQUIRED.
2. ELECTRICAL CONTRACTOR SHALL ROUTE ALL SURFACE RACEWAY AROUND ALL OBSTRUCTIONS.
3. ELECTRICAL CONTRACTOR WILL PROVIDE AND INSTALL ANY OTHER FITTINGS THAT WERE NOT MENTIONED IN ORDER TO PROVIDE A COMPLETE SYSTEM.
4. ELECTRICAL CONTRACTOR MUST MECHANICALLY ANCHOR ALL SURFACE MOUNT RACEWAY WITH ADEQUATE ANCHORS.
5. ELECTRICAL CONTRACTOR MUST SECURE INCOMING MC CABLE TO END FITTING OF SURFACE RACEWAY WITH APPROPRIATE CONNECTORS.
6. WHEREVER SPECIFIED SURFACE RACEWAY IS UNABLE TO BE INSTALLED DUE TO SIZE LIMITATION THE ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR SUPPLYING AND INSTALLING ARCHITECT/ENGINEER SPECIFIED ALTERNATE SURFACE RACEWAY.
7. FINAL COLOR FOR ALL MATERIALS SHALL BE DETERMINED BY ARCHITECT/ENGINEER.
8. ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL CAT-6 CABLE WITHIN SURFACE RACEWAY.
9. ELECTRICAL CONTRACTOR SHALL REFER TO "E" AND "E9.X" SERIES DRAWINGS FOR COORDINATION OF INSTALLATION.
10. ELECTRICAL CONTRACTOR SHALL INSTALL DIVIDER WALL (WHERE APPLICABLE) CONTINUOUSLY THROUGHOUT SURFACE RACEWAY AND ACCORDING TO MANUFACTURERS SPECIFICATIONS FOR A POWER AND DATA INSTALLATION.
11. THE ELECTRICAL CONTRACTOR SHALL CONFIRM RACEWAY HEIGHT BEFORE INSTALLATION. THE FINAL HEIGHT SHALL BE DETERMINED BY CASEWORK, DESK, WORK SURFACE HEIGHT AND OWNER. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE INSTALLATION OF SURFACE RACEWAY.
12. MAINTAIN APPROPRIATE SEPARATION OF LINE VOLTAGE AND LOW VOLTAGE CABLE.
13. QUANTITY OF DROPS AS PER FLOOR PLANS.
14. CABLES BACK FED OR RACEWAY FED AS REQUIRED.

CAT 6 / CAT 6A NOTES

1. ALL 4-PAIR UTP HORIZONTAL STATION PLENUM RATED CABLES FOR VOICE / DATA SERVICES SHALL BE HOMERUN TO THE NEAREST COMMUNICATIONS ROOM, AS ILLUSTRATED ON THE TECHNOLOGY FLOOR PLANS.
2. REFERENCING THE CABLE PATHS ILLUSTRATED ON THE TECHNOLOGY FLOOR PLANS, FOR WORKSTATIONS, ROUTE THE COMMUNICATIONS CABLES THROUGH THE GYPSUM WALLS, CONCRETE BLOCK AND RACEWAY UP TO THE CEILING CAVITY. COMMUNICATIONS CABLES MAIN PATHWAY WILL BE THE HALLWAYS TO THE NEAREST COMMUNICATIONS ROOM.
3. REFER TO THE REFLECTED CEILING PLANS AND MECHANICAL PLANS TO COORDINATE PATHWAYS IN THE CEILINGS WITH LIGHT FIXTURES AND MECHANICAL DUCT WORK.
4. ALL 4-PAIR UTP HORIZONTAL STATION NETWORK DATA CABLES SHALL LAND SEQUENTIALLY, BY THEIR OUTLET ID, ON THE 48-PORT PATCH PANELS, IN THE RACKS AND CABINETS LOCATED IN THE COMMUNICATIONS ROOMS AS INDICATED ON THE TECHNOLOGY FLOOR PLANS.
5. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF THE ROUTING OF CABLES ABOVE THE HUNG CEILING WITH THE ELECTRICAL, MECHANICAL AND GENERAL CONTRACTORS PRIOR TO INSTALLATION.
6. ELECTRICAL CONTRACTOR TO VERIFY CEILING HEIGHTS FOR ALL AREAS PRIOR TO INSTALLING ANY CABLE. ELECTRICAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ANY COMPONENTS IN THE CEILING WITH ALL OTHER TRADES, EQUIPMENT AND FIELD CONDITIONS. ANY CABLE TRANSITIONS ROUTED OVER HVAC DUCTS MUST NOT LAY ON TOP OF THE DUCTS AND MUST BE SUPPORTED OVER THE DUCTS.
7. DO NOT LAY CABLES OVER LIGHTING FIXTURES OR ELECTRICAL MACHINERY IN THE HUNG CEILING. CABLES SHALL BE PLACED AT A MINIMUM OF 12 INCHES AWAY FROM MAGNETIC INDUCING EQUIPMENT AND ELECTRICAL WIRING.
8. FURNISH AND INSTALL ADDITIONAL SLEEVES (WITH GROMMETED ENDS) AS REQUIRED FOR THE ENTRANCES INTO THE COMMUNICATIONS ROOMS AND ANY OTHER APPLICABLE AREAS. ALL SLEEVES SHALL BE FIRESTOPPED WHEN THE INSTALLATION IS COMPLETED.
9. PROVIDE ALL PENETRATIONS AND RATED PARTITION FIRESTOPPING EVERY TIME A PARTITION IS TRAVERSED ABOVE THE HUNG CEILING. EXISTING FIREPROOFING MATERIAL WHICH IS DISTURBED OR DAMAGED BY THE WORK UNDER THIS CONTRACT SHALL BE REPLACED AND RESTORED TO THE SATISFACTION OF THE OWNER.
10. FURNISH AND INSTALL TRAPEZE, BRIDAL RINGS, CADDY HANGERS, J-HOOKS AND OTHER INDUSTRY ACCEPTED METHODS REQUIRED TO SUPPORT ALL INSTALLED CABLES. DO NOT SUPPORT CABLES ON CEILING BLACK IRON, DROP CEILING GRID OR ON ANY OTHER DEVICES THAT ARE NOT INTENDED FOR THE SUPPORTING OF CABLES. EXCEPT FOR GROUPS OF 10 OR FEWER CABLES, CABLE SUPPORTS SHALL BE ANCHORED TO THE UNDERSIDE OF THE SLAB AND CLAMPED TO BUILDING STEEL.
11. CABLES MUST BE SUPPORTED AT A MINIMUM EVERY FIVE (5) FEET OF CENTER AND BUNDLES MUST BE HOOK AND LOOPED TOGETHER AT A MINIMUM OF EVERY THREE (3) FEET.
12. ALL CABLES SHALL BE INSPECTED AS THEY ARE PULLED OFF THE REEL FOR ANY OBVIOUS DEFECTS. REPORT ANY DEFECTS IMMEDIATELY TO THE ENGINEER AND HALT FURTHER USE OF THE CABLE FROM THAT REEL, PENDING A DETERMINATION OF THE QUALITY OF THE REEL BY THE MANUFACTURER.
13. ALL CABLES SHALL BE PULLED BY HAND AND CONTINUOUSLY MONITORED BY A TENSION METER SO AS NOT TO EXCEED THE PRESCRIBED MAXIMUM PULLING TENSION RECOMMENDED BY THE MANUFACTURER.
14. ELECTRICAL CONTRACTOR SHALL NOT EXCEED THE CABLE PULLING FORCE AND MINIMUM CABLE BENDING RADIUS. CABLE TERMINATIONS AT DISTRIBUTION RACKS/CABINETS FOR VOICE AND DATA SHALL BE DRESSED NEATLY AND DONE IN A WORKMANLIKE MANNER. HOOK & LOOP CABLES AND CUT TO LENGTH AT TERMINATION POINTS.
15. WHEN INSTALLING ENHANCED CATEGORY-6 UTP CABLE, MAKE SURE THE CABLE IS NEVER BENT BEYOND A 90 DEGREE ANGLE. A CABLE BEND RADIUS OF 4 TIMES THE DIAMETER OF THE CABLE IS RECOMMENDED. (ON A 4-PAIR CABLE, THIS IS APPROXIMATELY ONE INCH.)
16. ALL CABLES SHALL BE PULLED BY THE ELECTRICAL CONTRACTOR IN CONTINUOUS SPLICE-FREE RUNS, WITH NO FACTORY OR FIELD SPLICES, UNLESS OTHERWISE SHOWN ON THE DRAWINGS AND/OR SPECIFICATIONS.
17. PULLING AND LAYING CABLE ON SHARP EDGES IS NOT PERMITTED.
18. THE CABLE PATHS SHOWN ON DRAWINGS REPRESENT DESIGN INTENT AND APPROXIMATE ROUTING OF CABLES IN HUNG CEILING TO DROP OFF POINTS. ADJUST ACCORDINGLY TO EXISTING FIELD CONDITIONS.
19. QUANTITY OF CABLE IS NOT REPRESENTED. CONTRACTOR SHALL TABULATE QUANTITY BASED UPON COMMUNICATION OUTLET SYMBOLS SHOWN (TYPICAL). CONTRACTOR TO VERIFY IN FIELD AND MAKE ADJUSTMENTS AS REQUIRED.
20. PROVIDE A MINIMUM OF SIX (6) FEET OF SLACK WITH A 12 INCH DIAMETER COIL AT THE STATION END FOR WORKSTATION LOCATIONS. NEATLY COIL AND CONCEAL SLACK ABOVE THE HUNG CEILING AND PROTECT FROM DAMAGE BY WORKMEN PRIOR TO EXTENDING CABLE AND INSTALLING TO VOICE/DATA WORKSTATION OUTLET.
21. ALL VOICE / DATA UTP STATION CABLES SHALL BE HOMERUN BACK TO THE MAIN -OR- IDF COMMUNICATIONS ROOM AS ILLUSTRATED ON THE TECHNOLOGY FLOOR PLANS. REFER TO DETAILS AND ELEVATIONS FOR THE DEMARCATION LOCATIONS OF ALL CABLES.
22. ALL ABANDONED / NON USED CABLES TO BE REMOVED FROM PLENUM SPACES BACK TO THEIR POINT OF ORIGIN.
23. ALL NEW NETWORK EQUIPMENT SHALL BE GROUNDED AND BONDED AS PER CODE.
24. E.C. SHALL ROUTE CABLES IN THE BEST, SHORTEST ROUTE POSSIBLE TO THE NEAREST WIRE CLOSET.
25. E.C. SHALL REMOVE AND REINSTALL CEILING TILES AS REQUIRED TO ACCOMMODATE CABLE INSTALLATIONS.
26. E.C. SHALL FURNISH AND INSTALL ALL NECESSARY COMPONENTS TO FORM A COMPLETE SYSTEM EVEN IF THE COMPONENTS ARE NOT LISTED. REFER TO SPEC SECTION 271501 FOR ADDITIONAL INFORMATION.

FIBER OPTIC CABLE NOTES

1. ALL LASER OPTIMIZED .50 MICRON OM3 MULTIMODE FIBER PLENUM RATED CABLES FOR CLOSET BACKBONE CONNECTIONS SHALL BE A HOMERUN TO THE NETWORK OPERATIONS CENTER (N.O.C.) ROOM OR MDF, AS ILLUSTRATED ON THE TECHNOLOGY FLOOR PLANS.
2. REFERENCING THE CABLE PATHS ILLUSTRATED ON THE TECHNOLOGY FLOOR PLANS, FOR FIBER BACKBONES ON THIS FLOOR, ROUTE THE COMMUNICATIONS CABLES THROUGH THE GYPSUM WALLS, CONCRETE BLOCK AND RACEWAY UP TO THE CEILING CAVITY. FIBER CABLES MAIN PATHWAY WILL BE THE HALLWAYS TO THE N.O.C. ROOM OR MDF.
3. ALL FIBER BACKBONE CABLES SHALL LAND SEQUENTIALLY, BY STRAND, ON THE FIBER BULK HEADS WITHIN THE FIBER PANELS, IN THE RACKS / CABINETS LOCATED IN THE COMMUNICATIONS ROOMS AS INDICATED ON THE TECHNOLOGY FLOOR PLANS.
4. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF THE ROUTING OF CABLES ABOVE THE HUNG CEILING WITH THE ELECTRICAL, MECHANICAL AND GENERAL CONTRACTORS PRIOR TO INSTALLATION.
5. ELECTRICAL CONTRACTOR TO VERIFY CEILING HEIGHTS FOR ALL AREAS PRIOR TO INSTALLING ANY CABLE. ELECTRICAL CONTRACTOR TO COORDINATE THE INSTALLATION OF ANY COMPONENTS IN THE CEILING WITH ALL OTHER TRADES, EQUIPMENT AND FIELD CONDITIONS. ANY CABLE TRANSITIONS ROUTED OVER HVAC DUCTS MUST NOT LAY ON TOP OF THE DUCTS AND MUST BE SUPPORTED OVER THE DUCTS.
6. DO NOT LAY CABLES OVER LIGHTING FIXTURES OR ELECTRICAL MACHINERY IN THE HUNG CEILING. CABLES SHALL BE PLACED AT A MINIMUM OF 12 INCHES AWAY FROM MAGNETIC INDUCING EQUIPMENT.
7. FURNISH AND INSTALL ADDITIONAL SLEEVES (WITH GROMMETED ENDS) AS REQUIRED FOR THE ENTRANCES INTO THE COMMUNICATIONS ROOMS AND ANY OTHER APPLICABLE AREAS. ALL SLEEVES SHALL BE FIRESTOPPED WHEN THE INSTALLATION IS COMPLETED.
8. PROVIDE ALL PENETRATIONS AND RATED PARTITION FIRESTOPPING EVERY TIME A PARTITION IS TRAVERSED ABOVE THE HUNG CEILING. EXISTING FIREPROOFING MATERIAL WHICH IS DISTURBED OR DAMAGED BY THE WORK UNDER THIS CONTRACT SHALL BE REPLACED AND RESTORED TO THE SATISFACTION OF THE OWNER.
9. FURNISH AND INSTALL TRAPEZE, BRIDAL RINGS, CADDY HANGERS, J-HOOKS AND OTHER INDUSTRY ACCEPTED METHODS REQUIRED TO SUPPORT ALL INSTALLED CABLES. DO NOT SUPPORT CABLES ON CEILING BLACK IRON, DROP CEILING GRID OR ON ANY OTHER DEVICES THAT ARE NOT INTENDED FOR THE SUPPORTING OF CABLES. EXCEPT FOR GROUPS OF 10 OR FEWER CABLES, CABLE SUPPORTS SHALL BE ANCHORED TO THE UNDERSIDE OF THE SLAB AND CLAMPED TO BUILDING STEEL.
10. CABLES MUST BE SUPPORTED AT A MINIMUM EVERY SIX (6) FEET AND BUNDLES MUST BE HOOK & LOOPED TOGETHER AT A MINIMUM OF EVERY THREE (3) FEET.
11. ALL CABLES SHALL BE INSPECTED AS THEY ARE PULLED OFF THE REEL FOR ANY OBVIOUS DEFECTS. REPORT ANY DEFECTS IMMEDIATELY TO THE ENGINEER AND HALT FURTHER USE OF THE CABLE FROM THAT REEL, PENDING A DETERMINATION OF THE QUALITY OF THE REEL BY THE MANUFACTURER.
12. ALL CABLES SHALL BE PULLED BY HAND AND CONTINUOUSLY MONITORED BY A TENSION METER SO AS NOT TO EXCEED THE PRESCRIBED MAXIMUM PULLING TENSION RECOMMENDED BY THE MANUFACTURER.
13. ELECTRICAL CONTRACTOR SHALL NOT EXCEED THE CABLE PULLING FORCE AND MINIMUM CABLE BENDING RADIUS. CABLE TERMINATIONS AT DISTRIBUTION RACKS/CABINETS FOR FIBER CABLES SHALL BE DRESSED NEATLY AND DONE IN A WORKMANLIKE MANNER. ALL FIBER CABLES TO BE INSTALLED WITHIN THE FAN TRAY OF THE FIBER PANEL UTILIZING THE APPROPRIATE BEND RADIUS AT TERMINATION POINTS.
14. WHEN INSTALLING FIBER CABLE, MAKE SURE THE CABLE IS NEVER BENT BEYOND A 90 DEGREE ANGLE. A CABLE BEND RADIUS OF 10 TIMES THE DIAMETER OF THE CABLE IS RECOMMENDED. (ON A 12-STRAND CABLE, THIS IS APPROXIMATELY TWO INCHES.)
15. ALL CABLES SHALL BE PULLED BY THE ELECTRICAL CONTRACTOR IN CONTINUOUS SPLICE-FREE RUNS, WITH NO FACTORY OR FIELD SPLICES, UNLESS OTHERWISE SHOWN ON DRAWINGS AND/OR SPECIFICATIONS.
16. PULLING AND LAYING CABLE ON SHARP EDGES IS NOT PERMITTED.
17. THE CABLE PATHS SHOWN ON DRAWINGS REPRESENT DESIGN INTENT AND APPROXIMATE ROUTING OF CABLES IN HUNG CEILING TO DROP OFF POINTS. ADJUST ACCORDINGLY TO EXISTING FIELD CONDITIONS.
18. QUANTITY OF CABLE IS NOT REPRESENTED. CONTRACTOR SHALL TABULATE QUANTITY BASED UPON COMMUNICATION OUTLET SYMBOLS SHOWN (TYPICAL). CONTRACTOR TO VERIFY IN FIELD AND MAKE ADJUSTMENTS AS REQUIRED.
19. PROVIDE A MINIMUM OF SEVEN (7) FEET OF SLACK AT BOTH THE COMMUNICATIONS ROOM END AND THE N.O.C. ROOM OR MDF. NEATLY COIL SLACK AND ATTACH TO THE RACK/CABINET USING HOOK AND LOOP.
20. ALL FIBER OPTIC CABLE TO BE HOMERUN BACK TO THE N.O.C. ROOM OR MDF AS INDICATED. REFER TO DETAIL PLANS AND ELEVATIONS FOR THE DEMARCATION LOCATIONS OF ALL CABLES.
21. ALL ABANDONED/NON USED CABLES TO BE REMOVED FROM THE PLENUM SPACES BACK TO THE POINT OF ORIGIN.
22. ALL NEW NETWORK EQUIPMENT SHALL BE GROUNDED AND BONDED AS PER CODE.
23. E.C. SHALL FURNISH AND INSTALL ALL NECESSARY COMPONENTS TO FORM A COMPLETE SYSTEM EVEN IF THE COMPONENTS ARE NOT LISTED. REFER TO SPEC SECTION 271501 FOR ADDITIONAL INFORMATION.

TECHNOLOGY SYMBOL LEGEND

SYMBOL	DESCRIPTION
X	KEYED NOTE
NAME / XXX / XXX SF	ROOM TAG
# / AXXX	DETAIL TAG DETAIL NUMBER DRAWING NUMBER
	LOCATION OF NEW LOCAL WIRE CLOSET. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
E	LOCATION OF EXISTING LOCAL WIRE CLOSET. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW SINGLE DATA DROP. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW MULTI DATA DROP. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW PHONE LOCATION. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
E	LOCATION OF EXISTING SINGLE DATA DROP. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
E	LOCATION OF EXISTING MULTI DATA DROP. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
E	LOCATION OF EXISTING PHONE LOCATION. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
W.A.P. 001	LOCATION OF NEW WIRELESS ACCESS POINT. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
W.A.P. E	LOCATION OF EXISTING WIRELESS ACCESS POINT. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
PROJ.	LOCATION OF NEW PROJECTOR. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
PROJ. E	LOCATION OF EXISTING PROJECTOR. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW DROP DOWN PROJECTION SCREEN. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
P/E	LOCATION OF NEW DATA/POWER POKE THROUGH. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF DATA/POWER RACEWAY. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
C	LOCATION OF NEW CATV STATION. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
RWB	LOCATION OF NEW RECESSED DATA/POWER WALL BOX. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
WB	LOCATION OF NEW DATA/POWER WALL BOX. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
FLBX	LOCATION OF NEW DATA/POWER FLOOR BOX. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
D001	INDICATES DATA DROP ID NUMBER. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
V001	INDICATES VOICE DROP ID NUMBER. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW DATA/POWER POLE. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
1	REVISION CLOUD AND KEYED DESIGNATION.

SECURITY SYMBOL LEGEND

SYMBOL	DESCRIPTION
X	KEYED NOTE
NAME / XXX / XXX SF	ROOM TAG
# / AXXX	DETAIL TAG DETAIL NUMBER DRAWING NUMBER
	LOCATION OF EXISTING INTERIOR SECURITY CAMERA. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF EXISTING EXTERIOR CAMERA. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW INTERIOR SECURITY CAMERA. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW EXTERIOR SECURITY CAMERA. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
P	LOCATION OF NEW SECURITY PANIC BUTTON. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW ACCESS CONTROL CARD READER. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF EXISTING ACCESS CONTROL CARD READER. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
R	LOCATION OF NEW REQUEST FOR EXIT SENSOR. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW VIDEO INTERCOM CALL BOX. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
DC	LOCATION OF NEW ACCESS CONTROL DOOR CONTACT. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
ES	LOCATION OF NEW ELECTRONIC DOOR STRIKE. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW MOTION DETECTOR. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW VIDEO INTERCOM STATION PHONE. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
H	LOCATION OF NEW SECURITY HORN. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
S	LOCATION OF NEW SECURITY STROBE. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
HS	LOCATION OF NEW SECURITY HORN STROBE. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF EXISTING/NEW LOCAL WIRE CLOSET. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
1	REVISION CLOUD AND KEYED DESIGNATION.

REV.	DATE	ITEM

NOTICE

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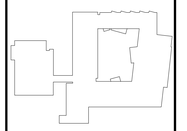

KEY PLAN

NOT TO SCALE

BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK ELEMENTARY SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

TECHNOLOGY
GENERAL NOTES

PROJECT

DWG TITLE

DRAWING BY: GJL

CHECK BY: - - -

NOTICE

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BBS
ARCHITECTS
LANDSCAPE ARCHITECTS
ENGINEERS

244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

187 WOLF ROAD, STE. 205
ALBANY
NEW YORK 12205
T. 518.621.7650
F. 518.621.7655

www.BBSARCHITECTURE.com

SED No.	66-19-05-02-0-001-018
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	TECHNOLOGY GENERAL NOTES
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142b

E9.00

TECHNOLOGY SYMBOL LEGEND

SYMBOL	DESCRIPTION
X	KEYED NOTE
NAME / XXX / XXX SF	ROOM TAG
# / AX.XX	DETAIL TAG — DETAIL NUMBER — DRAWING NUMBER
	LOCATION OF NEW LOCAL WIRE CLOSET. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
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	LOCATION OF NEW MULTI DATA DROP. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW PHONE LOCATION. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
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E	LOCATION OF EXISTING MULTI DATA DROP. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
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EXIT	LOCATION OF NEW DATA/POWER POKE THROUGH. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF DATA/POWER RACEWAY. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
C	LOCATION OF NEW CATV STATION. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
RWB	LOCATION OF NEW RECESSED DATA/POWER WALL BOX. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
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D001	INDICATES DATA DROP ID NUMBER. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
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	LOCATION OF NEW DATA/POWER POLE. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
1	REVISION CLOUD AND KEYED DESIGNATION.

SECURITY SYMBOL LEGEND

SYMBOL	DESCRIPTION
X	KEYED NOTE
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	LOCATION OF EXISTING EXTERIOR CAMERA. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW INTERIOR SECURITY CAMERA. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW EXTERIOR SECURITY CAMERA. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
P	LOCATION OF NEW SECURITY PANIC BUTTON. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW ACCESS CONTROL CARD READER. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
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	LOCATION OF EXISTING/NEW LOCAL WIRE CLOSET. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
1	REVISION CLOUD AND KEYED DESIGNATION.

GENERAL NOTES

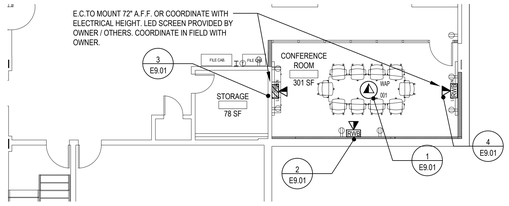
1. IT IS STRONGLY RECOMMENDED BY THE ARCHITECT / ENGINEER THAT THE CONTRACTOR VISIT THE SITE AND VERIFY IN THE FIELD ALL EXISTING CONDITIONS PRIOR TO BIDDING. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS REQUIRED FOR ESTIMATING.
2. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR NO MATTER WHAT TRADE, TO REVIEW THE ENTIRE BID PACKAGE CONSISTING OF (ALL CONSTRUCTION DRAWINGS AND THE PROJECT MANUAL) PRIOR TO SUBMITTING THEIR BID. THE CONTRACTOR(S) WILL BE HELD ACCOUNTABLE FOR ALL MATERIALS IN THE BID PACKAGE NO MATTER WHERE IT IS LOCATED IN THE DOCUMENTATION.
3. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL EXISTING CONDITIONS, COMPONENTS, MEASUREMENTS, DISCREPANCIES AND ANY OTHER ITEMS THAT WILL IMPEDE THE PROGRESS OF OR INCREASE THE COSTS TO THE CURRENT WORK SCOPE. IF ANY OF THESE ITEMS EXIST THE CONTRACTOR SHALL REFER TO GENERAL NOTE No. 4.
4. ALL QUESTIONS, DISCREPANCIES AND REQUESTS FOR INFORMATION MUST BE SUBMITTED IN WRITTEN FORM TO THE ATTENTION OF THE ARCHITECT OR ENGINEER. THE CONTRACTOR SHALL FOLLOW THE FORMAT OUTLINED IN THE PROJECT MANUAL, DIVISION 1, GENERAL REQUIREMENTS, SPECIFICATION SECTION - 012600, CONSTRUCTION PHASE CLARIFICATIONS, REQUESTS FOR INFORMATION FROM ARCHITECT'S OFFICE.
5. IF NO QUESTIONS ARE RAISED ON A PARTICULAR ITEM IN QUESTION DURING THE BIDDING PROCESS, IT WILL BE THE UNDERSTANDING OF THE OWNER, CONSTRUCTION MANAGER, ARCHITECT, ENGINEER AND CONTRACTOR(S), THAT THE CONTRACTOR HAS VISITED THE SITE IN CONJUNCTION WITH REVIEWING THE CONTRACT DOCUMENTS (ALL CONSTRUCTION DRAWINGS AND THE PROJECT MANUAL) AND UNDERSTANDS THE ARCHITECTS/ENGINEERS INTENTIONS. IF A QUESTION IS RAISED AFTER THE BIDDING PHASE, THE CONTRACTOR WILL BE HELD TO THE ARCHITECT OR ENGINEERS INTERPRETATION OF ANY AND ALL COSTS ASSOCIATED WILL BARE SOLELY ON THE RESPONSIBILITY OF THE CONTRACTOR. NO ADDITIONAL COSTS WILL BE ACCEPTED OR PASSED ONTO THE OWNER.
6. THE CONTRACTOR SHALL PROTECT THE AREA OF WORK FROM ANY INCLEMENT WEATHER THAT MAY OCCUR DURING THE WORK DAY AND AFTER DAILY OPERATIONS. THIS PROTECTION SHALL BE IN PLACE THROUGHOUT THE DURATION OF THE PROJECT, AS OUTLINED IN SPECIFICATION SECTION 013000.
7. ALL WORK SHALL BE IN ACCORDANCE WITH STATE AND LOCAL CODES, THE REQUIRED EXITS IN THE EXISTING BUILDING MUST BE KEPT CLEAR, MAINTAINED, AND PROTECTED, AS OUTLINED IN SPECIFICATION SECTION 013500 - UNIFORMED SAFETY STANDARDS FOR SCHOOL CONSTRUCTION AND MAINTENANCE PROJECTS: COMMISSIONERS REGULATIONS, SECTION 155.5.
8. ALL CONTRACTORS SHALL SUBMIT SAMPLES TO THE ARCHITECT/ENGINEER FOR REVIEW PRIOR TO THE COMMENCEMENT OF WORK. ALL SUBMITTALS SHALL BE IN ACCORDANCE WITH THE PROJECT MANUAL - DIVISION 1 - GENERAL REQUIREMENTS - SPECIFICATION SECTION 013300 - SUBMISSIONS.
9. ALL DEMOLITION AND CONSTRUCTION WORK TO BE PERFORMED WITHOUT INTERRUPTION TO THE DISTRICT ADMINISTRATION OPERATIONS AND SHALL COMPLY WITH THE PROCEDURES OUTLINED IN THE PROJECT MANUAL - DIVISION 1 - GENERAL REQUIREMENTS - SECTION 013300 - SPECIAL PROCEDURES AND PROVISIONS, AND SECTION 013500 - COMMISSIONERS REGULATIONS, (PART 155.5) AND SAFETY STANDARDS.
10. ALL EXISTING VENTILATION DIFFUSERS AND GRILLS SHALL BE COVERED AND PROTECTED AGAINST ANY FOREIGN MATTER ENTERING THE SYSTEMS DURING CONSTRUCTION. THE CONTRACTOR MUST ALSO MAINTAIN ADEQUATE VENTILATION THROUGH OUT THE PROJECT AS STATED IN THE, 'REGULATIONS OF THE COMMISSIONER OF EDUCATION PART 155 (8NYCRR 155),' AS OUTLINED IN SPECIFICATION SECTION - 013500.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF CHEMICAL FUMES, GASES, AND OTHER CONTAMINATES TO ENSURE THEY DO NOT ENTER OCCUPIED PORTIONS OF THE BUILDING OR AIR INTAKES, AS OUTLINED IN SPECIFICATION SECTION 013500 - UNIFORMED SAFETY STANDARDS FOR SCHOOL CONSTRUCTION AND MAINTENANCE PROJECTS: COMMISSIONERS REGULATIONS, SECTION 155.5.
12. ALL WORK AND MATERIALS OF THIS PROJECT AND ADJACENT SURFACES SHALL BE PROTECTED FROM DAMAGE. IN THE EVENT OF DAMAGE, THE CONTRACTOR SHALL IMMEDIATELY MAKE REPAIRS AND REPLACEMENTS NECESSARY TO THE APPROVAL OF THE ARCHITECT/ENGINEER AND AT NO ADDITIONAL COST TO THE OWNER.
13. THE CONTRACTOR SHALL ENFORCE UPON STRICT DISCIPLINE AND GOOD ORDER AMONG THE CONTRACTORS EMPLOYEES AND OTHER PERSONS CARRYING OUT THE CONTRACT. THE CONTRACTORS SHALL NOT PERMIT EMPLOYMENT OF UNFIT PERSONS OR PERSONS NOT SKILLED IN THE TASK ASSIGNED TO THEM. ALL IN ACCORDANCE WITH PROJECT MANUAL SECTION - CONDITIONS OF THE CONTRACT.
14. ALL WORKERS WILL BE REQUIRED TO WEAR A PHOTO-IDENTIFICATION BADGE FOR WORKERS IDENTIFICATION AND SECURITY PURPOSES WHILE WORKING AT OCCUPIED SITES. ALL IN ACCORDANCE WITH PROJECT MANUAL SECTION - CONDITIONS OF THE CONTRACT.
15. ALL PROJECT WASTE MATERIAL AND RUBBISH SHALL BE DISPOSED IN CONTAINERS PROVIDED BY THE CONTRACTOR FOR SUBSEQUENT LEGAL OFF-SITE DISPOSAL. CONTAINER LOCATIONS ARE TO BE COORDINATED WITH SCHOOL DISTRICT OFFICIALS. OFF-SITE DISPOSAL SHALL BE PERFORMED ON A REGULAR BASIS. CONTRACTORS SHALL RESTORE ALL CONDITIONS TO THE STATE OF CLEANLINESS THAT EXISTED PRIOR TO COMMENCEMENT OF WORK.
16. ALL INTERIOR SURFACES DISTURBED DURING CONSTRUCTION SHOULD BE REPAIRED AND/OR REPLACED TO MATCH EXISTING CONDITIONS TO THE APPROVAL OF THE ARCHITECT/ENGINEER AND OWNER.

GENERAL RACEWAY NOTES

1. QUANTITIES OF MATERIAL AS REQUIRED.
2. ELECTRICAL CONTRACTOR SHALL ROUTE ALL SURFACE RACEWAY AROUND ALL OBSTRUCTIONS.
3. ELECTRICAL CONTRACTOR WILL PROVIDE AND INSTALL ANY OTHER FITTINGS THAT WERE NOT MENTIONED IN ORDER TO PROVIDE A COMPLETE SYSTEM.
4. ELECTRICAL CONTRACTOR MUST MECHANICALLY ANCHOR ALL SURFACE MOUNT RACEWAY WITH ADEQUATE ANCHORS.
5. ELECTRICAL CONTRACTOR MUST SECURE INCOMING MC CABLE TO END FITTING OF SURFACE RACEWAY WITH APPROPRIATE CONNECTORS.
6. WHEREVER SPECIFIED SURFACE RACEWAY IS UNABLE TO BE INSTALLED DUE TO SIZE LIMITATION THE ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR SUPPLYING AND INSTALLING ARCHITECT/ENGINEER SPECIFIED ALTERNATE SURFACE RACEWAY.
7. FINAL COLOR FOR ALL MATERIALS SHALL BE DETERMINED BY ARCHITECT/ENGINEER.
8. ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL CAT-6 CABLE WITHIN SURFACE RACEWAY.
9. ELECTRICAL CONTRACTOR SHALL REFER TO "E" AND "E9.X" SERIES DRAWINGS FOR COORDINATION OF INSTALLATION.
10. ELECTRICAL CONTRACTOR SHALL INSTALL DIVIDER WALL (WHERE APPLICABLE) CONTINUOUSLY THROUGHOUT SURFACE RACEWAY AND ACCORDING TO MANUFACTURERS SPECIFICATIONS FOR A POWER AND DATA INSTALLATION.
11. THE ELECTRICAL CONTRACTOR SHALL CONFIRM RACEWAY HEIGHT BEFORE INSTALLATION. THE FINAL HEIGHT SHALL BE DETERMINED BY CASEWORK, DESK, WORK SURFACE HEIGHT AND OWNER. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE INSTALLATION OF SURFACE RACEWAY.
12. MAINTAIN APPROPRIATE SEPARATION OF LINE VOLTAGE AND LOW VOLTAGE CABLE.
13. QUANTITY OF DROPS AS PER FLOOR PLANS.
14. CABLES BACK FED OR RACEWAY FED AS REQUIRED.

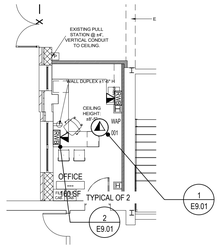
CAT 6 / CAT 6A NOTES

1. ALL 4-PAIR UTP HORIZONTAL STATION PLENUM RATED CABLES FOR VOICE / DATA SERVICES SHALL BE HOMERUN TO THE NEAREST COMMUNICATIONS ROOM, AS ILLUSTRATED ON THE TECHNOLOGY FLOOR PLANS.
2. REFERENCING THE CABLE PATHS ILLUSTRATED ON THE TECHNOLOGY FLOOR PLANS, FOR WORKSTATIONS, ROUTE THE COMMUNICATIONS CABLES THROUGH THE GYPSUM WALLS, CONCRETE BLOCK AND RACEWAY UP TO THE CEILING CAVITY. COMMUNICATIONS CABLES MAIN PATHWAY WILL BE THE HALLWAYS TO THE NEAREST COMMUNICATIONS ROOM.
3. REFER TO THE REFLECTED CEILING PLANS AND MECHANICAL PLANS TO COORDINATE PATHWAYS IN THE CEILINGS WITH LIGHT FIXTURES AND MECHANICAL DUCT WORK.
4. ALL 4-PAIR UTP HORIZONTAL STATION NETWORK DATA CABLES SHALL LAND SEQUENTIALLY, BY THEIR OUTLET ID, ON THE 48-PORT PATCH PANELS, IN THE RACKS AND CABINETS LOCATED IN THE COMMUNICATIONS ROOMS AS INDICATED ON THE TECHNOLOGY FLOOR PLANS.
5. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF THE ROUTING OF CABLES ABOVE THE HUNG CEILING WITH THE ELECTRICAL, MECHANICAL AND GENERAL CONTRACTORS PRIOR TO INSTALLATION.
6. ELECTRICAL CONTRACTOR TO VERIFY CEILING HEIGHTS FOR ALL AREAS PRIOR TO INSTALLING ANY CABLE. ELECTRICAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ANY COMPONENTS IN THE CEILING WITH ALL OTHER TRADES, EQUIPMENT AND FIELD CONDITIONS. ANY CABLE TRANSITIONS ROUTED OVER HVAC DUCTS MUST NOT LAY ON TOP OF THE DUCTS AND MUST BE SUPPORTED OVER THE DUCTS.
7. DO NOT LAY CABLES OVER LIGHTING FIXTURES OR ELECTRICAL MACHINERY IN THE HUNG CEILING. CABLES SHALL BE PLACED AT A MINIMUM OF 12 INCHES AWAY FROM MAGNETIC INDUCING EQUIPMENT AND ELECTRICAL WIRING.
8. FURNISH AND INSTALL ADDITIONAL SLEEVES (WITH GROMMETED ENDS) AS REQUIRED FOR THE ENTRANCES INTO THE COMMUNICATIONS ROOMS AND ANY OTHER APPLICABLE AREAS. ALL SLEEVES SHALL BE FIRESTOPPED WHEN THE INSTALLATION IS COMPLETED.
9. PROVIDE ALL PENETRATIONS AND RATED PARTITION FIRESTOPPING EVERY TIME A PARTITION IS TRAVERSED ABOVE THE HUNG CEILING. EXISTING FIREPROOFING MATERIAL WHICH IS DISTURBED OR DAMAGED BY THE WORK UNDER THIS CONTRACT SHALL BE REPLACED AND RESTORED TO THE SATISFACTION OF THE OWNER.
10. FURNISH AND INSTALL TRAPEZE, BRIDAL RINGS, CADDY HANGERS, J-HOOKS AND OTHER INDUSTRY ACCEPTED METHODS REQUIRED TO SUPPORT ALL INSTALLED CABLES. DO NOT SUPPORT CABLES ON CEILING BLACK IRON, DROP CEILING GRID OR ON ANY OTHER DEVICES THAT ARE NOT INTENDED FOR THE SUPPORTING OF CABLES. EXCEPT FOR GROUPS OF 10 OR FEWER CABLES, CABLE SUPPORTS SHALL BE ANCHORED TO THE UNDERSIDE OF THE SLAB AND CLAMPED TO BUILDING STEEL.
11. CABLES MUST BE SUPPORTED AT A MINIMUM EVERY FIVE (5) FEET OF CENTER AND BUNDLES MUST BE HOOK AND LOOPED TOGETHER AT A MINIMUM OF EVERY THREE (3) FEET.
12. ALL CABLES SHALL BE INSPECTED AS THEY ARE PULLED OFF THE REEL FOR ANY OBVIOUS DEFECTS. REPORT ANY DEFECTS IMMEDIATELY TO THE ENGINEER AND HALT FURTHER USE OF THE CABLE FROM THAT REEL, PENDING A DETERMINATION OF THE QUALITY OF THE REEL BY THE MANUFACTURER.
13. ALL CABLES SHALL BE PULLED BY HAND AND CONTINUOUSLY MONITORED BY A TENSION METER SO AS NOT TO EXCEED THE PRESCRIBED MAXIMUM PULLING TENSION RECOMMENDED BY THE MANUFACTURER.
14. ELECTRICAL CONTRACTOR SHALL NOT EXCEED THE CABLE PULLING FORCE AND MINIMUM CABLE BENDING RADIUS. CABLE TERMINATIONS AT DISTRIBUTION RACKS/CABINETS FOR VOICE AND DATA SHALL BE DRESSED NEATLY AND DONE IN A WORKMANLIKE MANNER. HOOK & LOOP CABLES AND CUT TO LENGTH AT TERMINATION POINTS.
15. WHEN INSTALLING ENHANCED CATEGORY-6 UTP CABLE, MAKE SURE THE CABLE IS NEVER BENT BEYOND A 90 DEGREE ANGLE. A CABLE BEND RADIUS OF 4 TIMES THE DIAMETER OF THE CABLE IS RECOMMENDED. (ON A 4-PAIR CABLE, THIS IS APPROXIMATELY ONE INCH.)
16. ALL CABLES SHALL BE PULLED BY THE ELECTRICAL CONTRACTOR IN CONTINUOUS SPLICE-FREE RUNS, WITH NO FACTORY OR FIELD SPLICES, UNLESS OTHERWISE SHOWN ON THE DRAWINGS AND/OR SPECIFICATIONS.
17. PULLING AND LAYING CABLE ON SHARP EDGES IS NOT PERMITTED.
18. THE CABLE PATHS SHOWN ON DRAWINGS REPRESENT DESIGN INTENT AND APPROXIMATE ROUTING OF CABLES IN HUNG CEILING TO DROP OFF POINTS. ADJUST ACCORDINGLY TO EXISTING FIELD CONDITIONS.
19. QUANTITY OF CABLE IS NOT REPRESENTED. CONTRACTOR SHALL TABULATE QUANTITY BASED UPON COMMUNICATION OUTLET SYMBOLS SHOWN (TYPICAL). CONTRACTOR TO VERIFY IN FIELD AND MAKE ADJUSTMENTS AS REQUIRED.
20. PROVIDE A MINIMUM OF SIX (6) FEET OF SLACK WITH A 12 INCH DIAMETER COIL AT THE STATION END FOR WORKSTATION LOCATIONS. NEATLY COIL AND CONCEAL SLACK ABOVE THE HUNG CEILING AND PROTECT FROM DAMAGE BY WORKMEN PRIOR TO EXTENDING CABLE AND INSTALLING TO VOICE/DATA WORKSTATION OUTLET.
21. ALL VOICE / DATA UTP STATION CABLES SHALL BE HOMERUN BACK TO THE MAIN -OR- IDF COMMUNICATIONS ROOM AS ILLUSTRATED ON THE TECHNOLOGY FLOOR PLANS. REFER TO DETAILS AND ELEVATIONS FOR THE DEMARCATION LOCATIONS OF ALL CABLES.
22. ALL ABANDONED / NON USED CABLES TO BE REMOVED FROM PLENUM SPACES BACK TO THEIR POINT OF ORIGIN.
23. ALL NEW NETWORK EQUIPMENT SHALL BE GROUNDED AND BONDED AS PER CODE.
24. E.C. SHALL ROUTE CABLES IN THE BEST, SHORTEST ROUTE POSSIBLE TO THE NEAREST WIRE CLOSET.
25. E.C. SHALL REMOVE AND REINSTALL CEILING TILES AS REQUIRED TO ACCOMMODATE CABLE INSTALLATIONS.
26. E.C. SHALL FURNISH AND INSTALL ALL NECESSARY COMPONENTS TO FORM A COMPLETE SYSTEM EVEN IF THE COMPONENTS ARE NOT LISTED. REFER TO SPEC SECTION 271501 FOR ADDITIONAL INFORMATION.



PROPOSED CONFERENCE ROOM RENOVATION

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

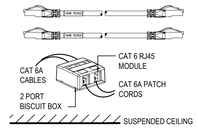


PROPOSED OFFICE RENOVATION

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

QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	ISB2BK	2 PORT BISCUIT BOX	HUBBELL
2	HC6B10	10' PATCH CORD	HUBBELL
2	HXJ6B	RJ45 DATA CONNECTOR - BLUE	HUBBELL

NOTES:
1. SECURE BISCUIT BOX TO BUILDING STRUCTURE
2. REFER TO DRAWINGS FOR QUANTITIES

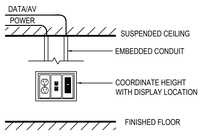


1 TYPICAL CAT 6A WIRELESS ACCESS POINT — W.A.P. 001

SCALE: N.T.S.

QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	HBL986	RECESSED WALL BOX 3 GANG DRY WALL	HUBBELL
1	HBLTRIM3WI	WALL BOX TRIM RING	HUBBELL
1	NS612W	2 PORT MODULE DECORATOR FRAME	HUBBELL
1	DR20ALTR	TAMPER RESISTANT DUPLEX OUTLET	HUBBELL
1	HBLST301SWA	DUPLEX DECORATOR FACEPLATE	HUBBELL
1	NP263LA	3 GANG DECORATOR STYLE FACE PLATE	HUBBELL
2	HXJ6B	CAT6 RJ45 CONNECTOR - BLUE	HUBBELL
1	WP-1014-WH	SINGLE GANG PASS THROUGH W/ BRUSH	LEGRAND
1	P568-050	HDMI MALE TO MALE CABLE - 50 FT.	TRIPP LITE

NOTES:
1. REFER TO DRAWINGS FOR QUANTITY
2. INSTALL CONDUIT AS NEEDED
4. CONNECT HDMI CABLE TO MAIN DISPLAY IN ROOM

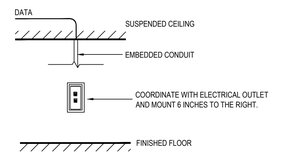


4 LED DISPLAY RECESSED WALL BOX — RWB

SCALE: N.T.S.

QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	--	RECESSED STANDARD WALL BOX 1-GANG DRY WALL	--
1	NS612OW	DECORATOR KEYSTONE 2-PORT OFFICE WHITE	HUBBELL
2	HXJ6B	CAT6 RJ45 CONNECTOR - BLUE	HUBBELL
1	NP26OW	DECORATOR 1 GANG WALLPLATE OFFICE WHITE	HUBBELL

NOTES:
1. REFER TO DRAWINGS FOR QUANTITY
2. INSTALL CONDUIT AS NEEDED
3. MOUNT 18" A.F.F. OR AS OTHERWISE NOTED ON THE DRAWINGS

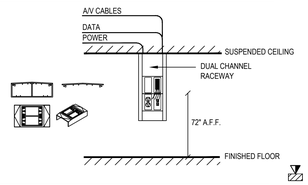


2 TYPICAL RECESSED DATA WALL BOX — RWB

SCALE: N.T.S.

QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	PB2CACF	CEILING FITTING	HUBBELL
AS REQ.	PB2C10	DUAL CHANNEL RACEWAY COVER	HUBBELL
AS REQ.	PB2B10	DUAL CHANNEL RACEWAY BASE	HUBBELL
2	PB2IND2G	INLINE BOX 2 GANG	HUBBELL
1	PB3ECA	END CAP	HUBBELL
3	KP26	DECORA DUPLEX FACEPLATE	HUBBELL
1	DR20WHTR	DUPLEX TAMPER RESISTANT 20AMP OUTLET	HUBBELL
1	KP14	BLANK PLATE	HUBBELL
2	HXJ6B	RJ45 CAT 6 CONNECTOR BLUE	HUBBELL
2	KPIMBZOW	KP MODULE BEZEL	HUBBELL
1	ISF2OW	2 PORT RJ45 FRAME	HUBBELL
1	WP-1014-WH	SINGLE GANG PASS THROUGH WITH BRUSH	LEGRAND

NOTES:
1. REFER TO DRAWINGS FOR QUANTITY



3 LED DISPLAY RACEWAY

SCALE: N.T.S.

REV.	DATE	ITEM

NOTICE

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KEY PLAN — NOT TO SCALE

PROJECT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK ELEMENTARY SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE: TECHNOLOGY DATA PLAN

DRAWING BY: GJL
CHECK BY: - - -

NOTICE

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BBS
ARCHITECTS
LANDSCAPE ARCHITECTS
ENGINEERS

244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

100 GREAT OAKS BLVD.
SUITE 115, ALBANY
NEW YORK 12203
T. 518.621.7650
F. 518.621.7655

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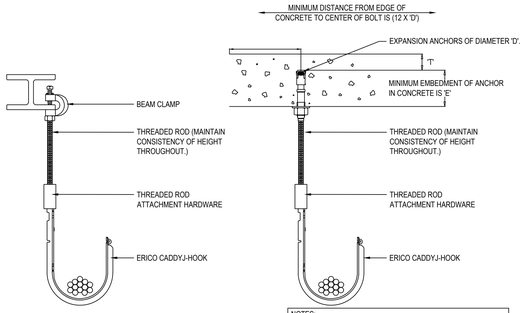
SED No.	66-19-05-02-0-001-018
DISTRICT	BLIND BROOK UNION FREE SCHOOL DISTRICT
PROJECT	PHASE 3 - BOND IMPROVEMENTS
DWG TITLE	TECHNOLOGY DATA PLAN
SCALE:	AS NOTED
DATE:	AUGUST 2025
BID PICK-UP:	DECEMBER 15, 2025
FILE No:	25-142b

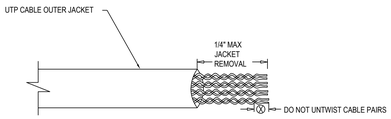
E9.01



NOTES:
1. SIZE J-HOOK AND CLAMP TO ADEQUATELY SUPPORT LOAD.
2. FOR SECURE ATTACHMENT, USE RETAINING STRAP.
3. COLOR OF J-HOOK TO MATCH CEILING WHEN INSTALLED IN AN OPEN CEILING DESIGN.

1 J-HOOK INSTALLATION DETAIL

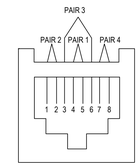
SCALE: N.T.S.



NOTES:
1. THE ELECTRICAL CONTRACTOR SHALL REMOVE NO MORE THAN ½" OF THE OUTER JACKET OF THE CABLE DURING TERMINATION..
2. THE ELECTRICAL CONTRACTOR SHALL NOT UNTWIST THE INDIVIDUAL PAIRS.
3. THE ELECTRICAL CONTRACTOR SHALL USE AN INDUSTRY/MANUFACTURER ACCEPTED PUNCHDOWN/TERMINATION IMPACT TOOL FOR ALL CABLE TERMINATIONS. STUFFER CAPS SHALL NOT BE USED IN LIEU OF PUNCHDOWN/TERMINATION IMPACT TOOL.
4. THE ELECTRICAL CONTRACTOR SHALL NOT LEAVE "TAILS" HANGING OFF AT TERMINATION POINTS.

2 TYPICAL CABLE INSTALLATION DETAIL

SCALE: N.T.S.



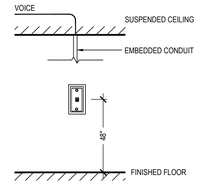
PAIR 1	WHITE/BLUE BLUE/WHITE	PAIR 3	WHITE/GREEN GREEN/WHITE
PAIR 2	WHITE/ORANGE ORANGE/WHITE	PAIR 4	WHITE/BROWN BROWN/WHITE

NOTES:
1. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL RJ-45 TYPE MODULAR JACKS T568B WIRED (TYPICAL).
2. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL TERMINATE 4 PAIR UTP CABLE PAIRS AS ILLUSTRATED ABOVE (TYPICAL).

3 TYPICAL T568B CABLE PAIR ASSIGNMENTS

SCALE: N.T.S.

QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	---	RECESSED STANDARD WALL BOX 1 GANG DRY WALL	---
1	SP6R	STAINLESS STEEL PHONE PLATE	HUBBELL
1	HXJ6Y	CAT6 RJ45 CONNECTOR - YELLOW	HUBBELL



4 TYPICAL RECESSED MOUNTED PHONE WALL BOX

RWB

NOTE:
1. REFER TO DRAWINGS FOR QUANTITY.
2. INSTALL CONDUIT AS NEEDED.

SCALE: N.T.S.

REV.	DATE	ITEM

NOTICE

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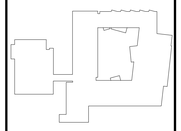
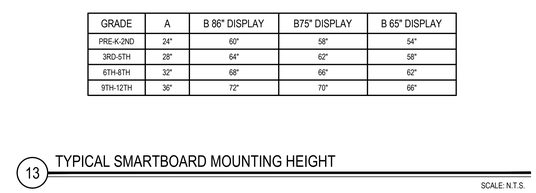


KEY PLAN

NOT TO SCALE

QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
AS REQD	PB2C10	DUAL CHANNEL RACEWAY COVER	HUBBELL
AS REQD	PB2B10	DUAL CHANNEL RACEWAY BASE	HUBBELL
AS REQD	PB21ND2G	INLINE BOX 2 GANG	HUBBELL
1	PB3ECA	END CAP	HUBBELL
AS REQD	KP8	DUPLEX RECEPTACLE	HUBBELL
AS REQD	REFER TO E4.XX	DUPLEX RECEPTACLE	HUBBELL
1	KPIMBZW	KP MODULE BEZEL	HUBBELL
AS REQD	HXJ6B	CAT6 RJ45 CONNECTOR	HUBBELL
AS REQD	ISF2OW	2 PORT COMMUNICATION PLATE	HUBBELL
AS REQD	KP14	BLANK PLATE	HUBBELL

NOTES:
1. REFER TO DRAWINGS FOR QUANTITY
2. COORDINATE HEIGHT WITH CASEWORK
3. ALLOW 3" ON CENTER BETWEEN EACH DROP

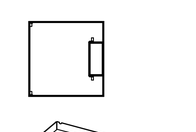


5 TYPICAL DATA / POWER WALL BOX

SCALE: N.T.S.

QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	ISB2BK	2 PORT BISCUIT BOX	HUBBELL
2	HC6AB10	CAT6A 10' PATCH CORD	HUBBELL
2	HXJ6B	RJ45 DATA CONNECTOR - BLUE	HUBBELL

NOTES:
1. SECURE BISCUIT BOX TO BUILDING STRUCTURE
2. REFER TO DRAWINGS FOR QUANTITIES
3. CAT6A PATCH CORDS REQUIRED AT IDF IN ADDITION.



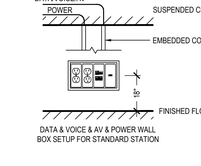
6 TYPICAL CAT 6 WIRELESS ACCESS POINT

WAP 001

SCALE: N.T.S.

QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	HBL986	RECESSED WALL BOX 3 GANG DRY WALL	HUBBELL
1	HBLTRIM3WI	WALL BOX TRIM RING	HUBBELL
1	NS612W	2 PORT MODULE DECORATOR FRAME	HUBBELL
1	DR20ALTR	TAMPER RESISTANT DUPLEX OUTLET	HUBBELL
1	HBLST301SWA	DUPLEX DECORATOR FACEPLATE	HUBBELL
1	NP263LA	3 GANG DECORATOR STYLE FACE PLATE	HUBBELL
2	HXJ6B	CAT6 RJ45 CONNECTOR - BLUE	HUBBELL
1	WP-1014-WH	SINGLE GANG PASS THROUGH W/ BRUSH	LEGRAND
1	P568-050	HDMI MALE TO MALE CABLE - 50 FT.	TRIPP LITE

NOTES:
1. REFER TO DRAWINGS FOR QUANTITY
2. COORDINATE HEIGHT WITH SMART DISPLAY LOCATION
3. INSTALL CONDUIT AS NEEDED



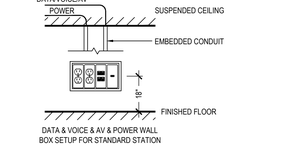
7 TYPICAL SMART DISPLAY WALL BOX

RWB

SCALE: N.T.S.

QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	HBL989	LOW VOLTAGE PARTITION	HUBBELL
1	NP263W	3 GANG WALL PLATE - WHITE	HUBBELL
2	DR20WHITR	TAMPER RESISTANT DECORATOR DUPLEX OUTLET - WHITE	HUBBELL
1	NS614W	4 PORT DECORATOR RJ45 FRAME	HUBBELL
AS REQ.	HXJ6B	CAT6 RJ45 CONNECTOR - BLUE	HUBBELL
AS REQ.	SFBW10	BLANK CONNECTORS FOR KEYSTONE RJ45	HUBBELL

NOTES:
1. REFER TO DRAWINGS FOR QUANTITY
2. COORDINATE HEIGHT WITH CASEWORK OR AS NOTED OTHERWISE
3. INSTALL CONDUIT AS NEEDED



8 TYPICAL RECESSED WALL BOX

RWB

SCALE: N.T.S.

QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	HBL987	RECESSED WALL BOX 4 GANG DRY WALL	HUBBELL
1	HBL989	LOW VOLTAGE PARTITION	HUBBELL
1	P264W	4 GANG WALL PLATE - WHITE	HUBBELL
2	DR20WHITR	TAMPER RESISTANT DUPLEX OUTLET	HUBBELL
1	NS614W	4 PORT DECORATOR RJ45 FRAME	HUBBELL
2	HXJ6B	CAT6 RJ45 CONNECTOR - BLUE	HUBBELL
1	HXJ6Y	CAT6 RJ45 CONNECTOR - YELLOW	HUBBELL
1	SFUSBAAW	USB A TO A COUPLER	HUBBELL
1	NS801W	DECORATOR HDMI FRAME	HUBBELL

NOTES:
1. REFER TO DRAWINGS FOR QUANTITY
2. INSTALL CONDUIT AS NEEDED
3. RUN 1 CAT6 CABLE TO SMART DISPLAY FOR USB OVER CAT6. TERMINATE ENDS AND CLEARLY MARK
4. EC TO MAKE FINAL CONNECTIONS FOR USB AND HDMI

16 TYPICAL TEACHER HDMI CAT6 RECESSED WALL BOX

RWB

SCALE: N.T.S.

QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	S1R6PTALU	6" POKE THROUGH WITH COVER	HUBBELL
1	ISF4W	4 PORT DECORATOR INSERT	HUBBELL
2	S1R6SPH	20 AMP PRE-WIRED DUPLEX RECEPTACLE OUTER RING	HUBBELL
1	S1R6SPE	DECORATOR STYLE OPENING PLATES	HUBBELL
4	HJU6B	CAT 6 RJ45 CONNECTORS - BLUE	HUBBELL

NOTES:
1. PROVIDE DIVIDED POKE THRU WITH DATA CABLES AND ELECTRICAL OUTLETS. ADJUST QUANTITIES IF SHOWN ON FLOOR PLANS.
2. COORDINATE LOCATION WITH FURNITURE PLANS
3. INSTALL CONDUIT AS NEEDED

9 TYPICAL LARGE POKE THROUGH

PT

SCALE: N.T.S.

QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	PB2CACF	CEILING FITTING	HUBBELL
AS REQ.	PB2C10	DUAL CHANNEL RACEWAY COVER	HUBBELL
AS REQ.	PB2B10	DUAL CHANNEL RACEWAY BASE	HUBBELL
2	PB2IND2G	INLINE BOX 2 GANG	HUBBELL
1	PB3ECA	END CAP	HUBBELL
3	KP26	DECORA DUPLEX FACEPLATE	HUBBELL
1	DR20WHTR	DUPLEX TAMPER RESISTANT 20AMP OUTLET	HUBBELL
1	KP14	BLANK PLATE	HUBBELL
2	HXJ6B	RJ45 CAT 6 CONNECTOR BLUE	HUBBELL
2	KPIMBZOW	KP MODULE BEZEL	HUBBELL
1	ISF2OW	2 PORT RJ45 FRAME	HUBBELL
1	WP-1014-WH	SINGLE GANG PASS THROUGH WITH BRUSH	LEGRAND
1	CAT5-XT-1100	CAT 5 USB EXTENDERS FOR SMART BOARD TO PC	SMART TECHNOLOGIES

NOTES:
1. REFER TO DRAWINGS FOR QUANTITY
2. USB 3.0 CABLE REQUIRED FOR CONNECTION

10 TYPICAL SMART BOARD RACEWAY

SCALE: N.T.S.

QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	PB2CACF	CEILING FITTING	HUBBELL
AS REQ.	PB2C10	DUAL CHANNEL RACEWAY COVER	HUBBELL
AS REQ.	PB2B10	DUAL CHANNEL RACEWAY BASE	HUBBELL
2	PB2IND2G	INLINE BOX 2 GANG	HUBBELL
1	PB3ECA	END CAP	HUBBELL
3	KP26	DECORA DUPLEX FACEPLATE	HUBBELL
2	DR20WHTR	DUPLEX TAMPER RESISTANT 20AMP OUTLET	HUBBELL
AS REQ.	HXJ6B	RJ45 CAT 6 CONNECTOR BLUE	HUBBELL
2	KPIMBZOW	KP MODULE BEZEL	HUBBELL
1	ISF4OW	4 PORT RJ45 FRAME	HUBBELL
1	KP-14	BLANK COVER	HUBBELL

11 TYPICAL 4 PORT WORK STATION COMPONENTS

SCALE: N.T.S.

QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	ISB2BK	2 PORT BISCUIT BOX	HUBBELL
2	HC6AB10	CAT6A 10' PATCH CORD	HUBBELL
2	HXJ6B	RJ45 DATA CONNECTOR - BLUE	HUBBELL

NOTES:
1. SECURE BISCUIT BOX TO BUILDING STRUCTURE
2. REFER TO DRAWINGS FOR QUANTITIES

12 TYPICAL CAT 6 ELEVATOR BOX

RWB

SCALE: N.T.S.

GRADE	A	B 86" DISPLAY	B75" DISPLAY	B 65" DISPLAY
PRE-K-2ND	24"	60"	58"	54"
3RD-5TH	28"	64"	62"	58"
6TH-8TH	32"	68"	66"	62"
9TH-12TH	36"	72"	70"	66"

13 TYPICAL SMARTBOARD MOUNTING HEIGHT

SCALE: N.T.S.

QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	CFB4G25	4 GANG FLOOR BOX	HUBBELL
1	24GTCVRALU	FLOOR BOX COVER (ALUMINUM)	HUBBELL
1	FBMPREC	DECORATOR OPENING	HUBBELL
3	PWFBMPDR20GRYTR	TAMPER RESISTANT 20 AMP DUPLEX (DECORATOR STYLE)	HUBBELL
1	ISF4GY	4 PORT DECORATOR RJ45 PLATE	HUBBELL
4	HXJ6B	CAT 6 RJ45 CONNECTOR - BLUE	HUBBELL

NOTES:
1. REFER TO DRAWINGS FOR QUANTITY
2. TRENCHING REQUIRED AS NECESSARY
3. INSTALL CONDUIT AS NEEDED

14 TYPICAL STANDARD FLOOR BOX

FB

SCALE: N.T.S.

QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	HBL987	RECESSED WALL BOX 4 GANG DRY WALL	HUBBELL
1	HBL989	LINE AND LOW VOLTAGE PARTITION	HUBBELL
1	P264W	4 GANG WALL PLATE - WHITE	HUBBELL
2	DR20WHITR	TAMPER RESISTANT DUPLEX OUTLET	HUBBELL
1	NS614W	4 PORT DECORATOR RJ45 FRAME	HUBBELL
2	HXJ6B	CAT6 RJ45 CONNECTOR - BLUE	HUBBELL
1	HXJ6Y	CAT6 RJ45 CONNECTOR - YELLOW	HUBBELL
1	SFUSBAAW	USB A TO A COUPLER	HUBBELL
1	NS801W	DECORATOR HDMI FRAME	HUBBELL

NOTES:
1. REFER TO DRAWINGS FOR QUANTITY
2. INSTALL CONDUIT AS NEEDED
3. USB 3.0 CABLE REQUIRED FOR CONNECTION

15 TYPICAL TEACHER HDMI RECESSED WALL BOX

RWB

SCALE: N.T.S.

QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	HBL987	RECESSED WALL BOX 4 GANG DRY WALL	HUBBELL
1	HBL989	LINE AND LOW VOLTAGE PARTITION	HUBBELL
1	P264W	4 GANG WALL PLATE - WHITE	HUBBELL
2	DR20WHITR	TAMPER RESISTANT DUPLEX OUTLET	HUBBELL
1	NS614W	4 PORT DECORATOR RJ45 FRAME	HUBBELL
3	HXJ6B	CAT6 RJ45 CONNECTOR - BLUE	HUBBELL
1	HXJ6Y	CAT6 RJ45 CONNECTOR - YELLOW	HUBBELL
1	CAT5-XT-1100	CAT 5 USB EXTENDERS FOR SMART BOARD TO PC	SMART TECHNOLOGIES
1	NS801W	DECORATOR HDMI FRAME	HUBBELL

NOTES:
1. REFER TO DRAWINGS FOR QUANTITY
2. INSTALL CONDUIT AS NEEDED
3. RUN 1 CAT6 CABLE TO SMART DISPLAY FOR USB OVER CAT6. TERMINATE ENDS AND CLEARLY MARK
4. EC TO MAKE FINAL CONNECTIONS FOR USB AND HDMI

16 TYPICAL TEACHER HDMI CAT6 RECESSED WALL BOX

RWB

SCALE: N.T.S.

PROJECT: BLIND BROOK UNION FREE SCHOOL DISTRICT
PHASE 3 - BOND IMPROVEMENTS
BLIND BROOK ELEMENTARY SCHOOL
RYE BROOK / WESTCHESTER COUNTY / NEW YORK

DWG TITLE: TECHNOLOGY DETAILS

DRAWING BY: GJL
CHECK BY: ---

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BBS
ARCHITECTS
LANDSCAPE ARCHITECTS
ENGINEERS

244 EAST MAIN STREET
PATCHOGUE
NEW YORK 11772
T. 631.475.0349
F. 631.475.0361

187 WOLF ROAD, STE. 205
ALBANY
NEW YORK 12205
T. 518.621.7650
F. 518.621.7655

www.BBSARCHITECTURE.com

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PROJECT	PHASE 3 - BOND IMPROVEMENTS
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SCALE:	AS NOTED
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