CITY SD OF THE CITY OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
EMERGENCY STORM PROJECT

ISAAC E. YOUNG MIDDLE SCHOOL - 270 CENTRE AVE. NEW ROCHELLE, NY 10805

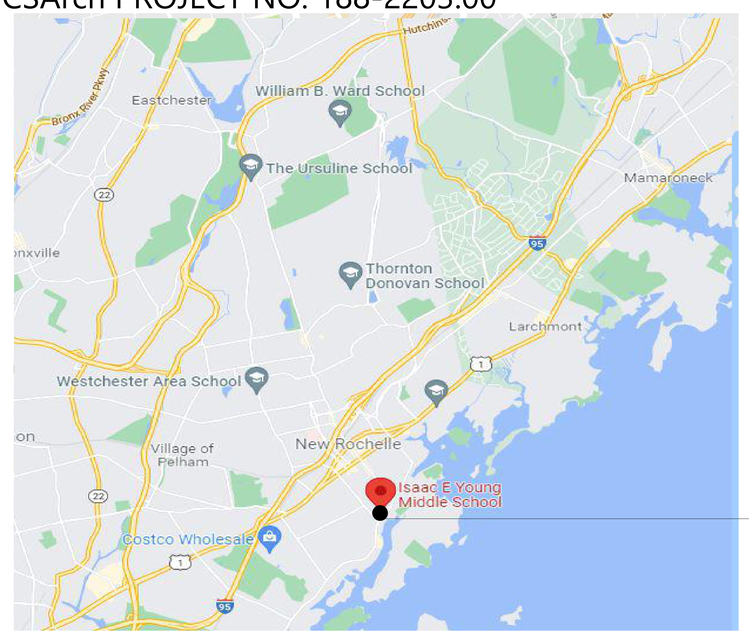
ISSUED FOR BID: 06-17-2022

CSARCH - ARCHITECTS
PASSERO ASSOCIATES - CIVIL ENGINEER
GREENMAN - PEDERSEN, INC. - STRUCTURAL ENGINEER
BLAKE ENGINEERING - MEP ENGINEERS

STATE EDUCATION DEPARTMENT PROJECT CONTROL NUMBER:
ISSAC E YOUNG MIDDLE SCHOOL 66-11-00-01-0-003-017

THE DESIGN OF THIS PROJECT CONFORMS TO APPLICABLE PROVISIONS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE, AND THE MANUAL OF PLANNING STANDARDS OF THE NEW YORK STATE EDUCATION DEPARTMENT.

CSArch PROJECT NO. 188-2203.00



ISAAC E. YOUNG MIDDLE SCHOOL

VICINITY MAP NTS

DRAWING LIST

GENERAL DRAWINGS
G001 SYMBOLS, ABBREVIATIONS, AND MISC
G100 OVERALL GROUND FLOOR PLAN

CIVIL DRAWINGS
C130 DEMOLITION & SITE PLAN

ARCHITECTURAL DEMOLITION DRAWINGS
AD105 AREA 'B' - PARTIAL GROUND FLOOR DEMO PLAN
AD106 AREA 'C' - PARTIAL GROUND FLOOR DEMO PLAN
AD605 ENLARGED DEMOLITION PLANS

STRUCTURAL GENERAL DRAWINGS
S001 GENERAL NOTES, LEGENDS & ABBREVIATIONS
S002 SPECIAL INSPECTIONS

STRUCTURAL DEMOLITION DRAWINGS
SD101 AREA 'B' PARTIAL GROUND FLOOR DEMO PLAN
SD102 AREA 'C' PARTIAL GROUND FLOOR DEMO PLAN

STRUCTURAL DRAWINGS
S101 AREA 'B' PARTIAL SLAB PLAN
S102 AREA 'C' PARTIAL GROUND FLOOR PLAN
S501 DETAILS & SECTIONS
S701 TYPICAL DETAILS

ARCHITECTURAL DRAWINGS
A105 AREA 'B' - PARTIAL GROUND FLOOR PLAN
A106 AREA 'C' - PARTIAL GROUND FLOOR PLAN
A605 ENLARGED PLANS, SECTIONS AND DETAILS
A900 DOOR SCHEDULE, ELEVATIONS, AND DETAILS

ARCHITECTURAL FINISH DRAWINGS
AF001 MATERIAL AND FINISH SCHEDULES
AF111 GROUND FLOOR FINISH PLANS

PLUMBING GENERAL DRAWINGS
PG001 PLUMBING NOTES, SCHEDULE, LEGEND & DETAILS

PLUMBING DEMOLITION DRAWINGS
PD101 WEIGHT & BAND ROOM PLUMBING DEMO PLAN
PD102 AREA C GROUND FLOOR PLUMBING DEMO PLAN

PLUMBING DRAWINGS
P101 WEIGHT & BAND ROOM PLUMBING PLAN
P102 AREA C GROUND FLOOR PLUMBING PLAN

MECHANICAL GENERAL DRAWINGS
MG001 MECHANICAL NOTES, LEGEND, SCHEDULE & DETAILS

MECHANICAL DRAWINGS
M101 WEIGHT & BAND ROOM MECHANICAL PLAN

ELECTRICAL GENERAL DRAWINGS
EG001 ELECTRICAL NOTES, LEGEND, DETAILS & SCHEDULES

ELECTRICAL DEMOLITION DRAWINGS
ED101 WEIGHT & BAND ROOM ELECTRICAL DEMOLITION PLAN

ELECTRICAL DRAWINGS
E101 WEIGHT & BAND ROOM ELECTRICAL PLAN

REGISTERED ARCHITECT THOMAS M. RITZENTHALER 023344 STATE OF NEW YORK

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
ADD	ADDENDUM
ADMIN	ADMINISTRATIVE
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECT / ARCHITECTURAL
AV	AUDIO VISUAL
BLDG	BUILDING
BOT OR B/	BOTTOM OF
BSMT	BASEMENT
CJ	CONTROL / CONSTRUCTION JOINT
CL	CENTERLINE
CLG / CLNG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONF	CONFERENCE
CONT	CONTINUOUS
COORD	COORDINATE
CORR	CORRIDOR
DEMO	DEMOLITION
DET	DETAIL
DIA	DIAMETER
DN	DOWN
DWG	DRAWING
ED	EDUCATION
EIFS	EXTERIOR INSULATION FINISH SYSTEM
EJ	EXPANSION JOINT
ELECT	ELECTRIC / ELECTRICAL
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQ	EQUAL
EQUIP	EQUIPMENT
ETR	EXISTING TO REMAIN
EXIST	EXISTING
EXT	EXTERIOR
FF	FACTORY FINISH
FIN	FINISH
FIN FL	FINISH FLOOR
FIXT	FIXTURE
FLR	FLOOR
FRT	FIRE-RETARDENT-TREATED MATERIAL
FTG	FOOTING
GA	GAUGE
GAL	GALLON
GALV	GALVANIZE(D)
GC	GENERAL CONTRACT(OR)
GND	GROUND
GNB	GYPSUM WALL BOARD
GNBS	GYPSUM WALL BOARD SOFFIT
HC	HANDICAPPED ACCESSIBLE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
HTG	HEATING
HVAC	HEATING/VENTILATING/AIR CONDITIONING
ID	INSIDE DIMENSION
IN	INCH / INCHES
INT	INTERIOR
JAN	JANITOR
JC	JANITOR'S CLOSET
JST	JOIST
JT	JOINT
LAB	LABORATORY
LB	POUND
LIN	LINEAR
LVL	LEVEL
MAN	MANUAL
MAS	MASONRY
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURE(R)
MID	MIDDLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTL	METAL
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
O/HD	OVERHEAD
OPT	OPTIONAL
OZ	OUNCE
PERIM	PERIMETER
PLAM	PLASTIC LAMINATE
PLBG	PLUMBING
PLAS	PLASTER
PLYWD	PLYWOOD
PNL	PANEL
PNT	PAINT(ED)
POLYISO	POLYISOCYANURATE
PPT	PRESSURE PRESERVATIVE TREATED
PR	PAIR
PREP	PREPARATORY
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
RAD	RADIUS
RB	RUBBER / RUBBER WALL BASE
REQD	REQUIRED
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
SCH	SCHEDULED
SECT	SECTION
SF	SQUARE FEET
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL / STRUCTURE
SUSP	SUSPENDED
SAC	SUSPENDED ACOUSTICAL CEILING
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TECH	TECHNOLOGY
TEMP	TEMPORARY
TMPD	TEMPERED
TOM	TOP OF MASONRY
TOS	TOP OF STEEL
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
W/	WITH
W/O	WITHOUT
WD	WOOD
WPT	WOOD PRESERVED-TREATED MATERIAL
WT	WEIGHT
YD	YARD

ARCHITECTURAL LEGEND

MATERIAL INDICATIONS

- EARTH
- GRANULAR FILL
- BRICK
- CONCRETE MASONRY UNIT
- CONCRETE
- GROUT
- ROUGH WOOD BLOCKING
- SHIM
- FINISH WOOD
- PLYWOOD
- SHEATHING
- RIGID INSULATION
- BATT INSULATION
- EPS INSULATION
- STEEL

DIMENSIONING CONVENTIONS

- FACE OF STUD OR CMU
- GOLUMN CENTER LINE

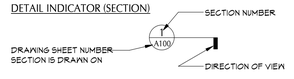
SYMBOLS

- CLASSROOM / L100 / 000 S.F. — ROOM NAME, ROOM NUMBER, AREA OF ROOM
- A100 — DOOR NUMBER, REFER TO A900 DRAWINGS
- 1 — WINDOW TAG, REFER TO A900 DRAWINGS
- BL11 — BORROWED LIGHT NUMBER, REFER TO A900 DRAWINGS
- S1 — STOREFRONT / CURTAINWALL NUMBER, REFER TO A900 DRAWINGS
- 1 — GOLUMN GRID DESIGNATION
- 1 / A101 — PARTITION TAG, REFER TO A100 DRAWINGS
- HOUR RATING OF PARTITION; ADDITIONAL NOTES FOR PARTITION
- 1 — REVISION NUMBER
- 1 — KEY NOTE, NEW WORK
- 1 — KEY NOTE, DEMOLITION WORK
- 10'-0" — ELEVATION TAG
- HANDICAPPED ACCESSIBLE ELEMENT OR FIXTURE
- WALL FINISH / BASE FINISH / FLOOR FINISH / CEILING FINISH — INTERIOR FINISH TAG, REFER TO AF100 DRAWINGS

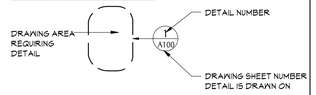
DETAIL INDICATOR LEGEND

SECTION INDICATOR

DETAIL INDICATOR (SECTION)



ENLARGED DETAIL INDICATOR



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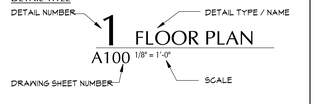
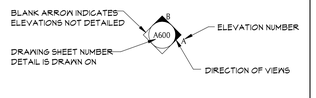


EXTERIOR ELEVATION INDICATOR

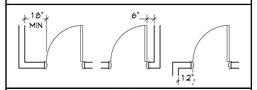
INTERIOR ELEVATION INDICATOR



PLAN GRAPHICS LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED
- NEW CONCRETE MASONRY WALL
- NEW METAL STUD WALL
- NEW BRICK VENEER
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED
- NEW DOOR

FINISHED DOOR OPENINGS SHALL BE LOCATED AS INDICATED BELOW UNO. DIMENSIONS SHOWN ARE CLEAR DIMENSIONS FROM INSIDE OF FRAME TO WALL FINISH.



GENERAL NOTES

1. DIMENSIONS ARE GIVEN THUS (UNLESS NOTED OTHERWISE)
   A. TO FACE OF MASONRY WALL
   B. TO FACE OF METAL STUD
   C. TO COLUMN CENTERLINES
   D. TO FINISH FACE OF SOFFIT OR CEILING
   E. FACE OF EXISTING CONSTRUCTION
2. DO NOT SCALE DRAWINGS. IF A DIMENSION IS NOT SHOWN, BRING IT TO THE ATTENTION OF THE ARCHITECT FOR VERIFICATION BEFORE PROCEEDING WITH THE ASSOCIATED WORK.
3. WALLS ON GOLUMN LINES ARE CENTERED, UNO
4. ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD. CONTRACTOR TO NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA.
5. LAYOUT OF TOILET FIXTURES AND ACCESSIBILITY CLEARANCES ARE SHOWN AS CLEAR DIMENSION. CONTRACTORS ARE REQUIRED TO COORDINATE LAYOUTS OF PARTITIONS, UTILITY CONNECTIONS, AND THICKNESS OF FINISHES TO ALLOW THESE CLEAR DIMENSIONS.
6. ALL ELEVATIONS (X'-X") ARE REFERENCE FROM FIRST FLOOR ELEVATION
7. ALL WOOD BLOCKING WITHIN ROOFING SYSTEM AND WITHIN 2'-0" OF GRADE SHALL BE PRESSURE TREATED
8. ALL FLOOR PENETRATIONS SHALL BE SMOKE-SEALED AND /OR FIRE STOPPED. COORDINATE WITH 'H' DWGS FOR SMOKE / FIRE DAMPER REQUIREMENTS.
9. FOR INTERIOR PARTITION TYPES, REFER TO DRAWING A701
10. FOR DOOR SCHEDULE, REFER TO DRAWING A901
11. FOR FINISH SCHEDULE, REFER TO DRAWING AF901
12. ALL EXPOSED SURFACES OF NEW PARTITIONS AND SOFFITS ARE TO BE FINISHED.
13. PROVIDE PATCH TO MATCH EXISTING FINISHES AT ALL WALL REMOVAL AREAS, COORDINATE WITH DEMOLITION DRAWINGS AND SPECIFICATIONS.
14. FOR ALL MATERIAL TESTING, REFER TO SPECIFICATION DIVISION 000220
15. ALL CONSTRUCTION SHOWN IS NEW UNLESS NOTED OTHERWISE

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Consultant

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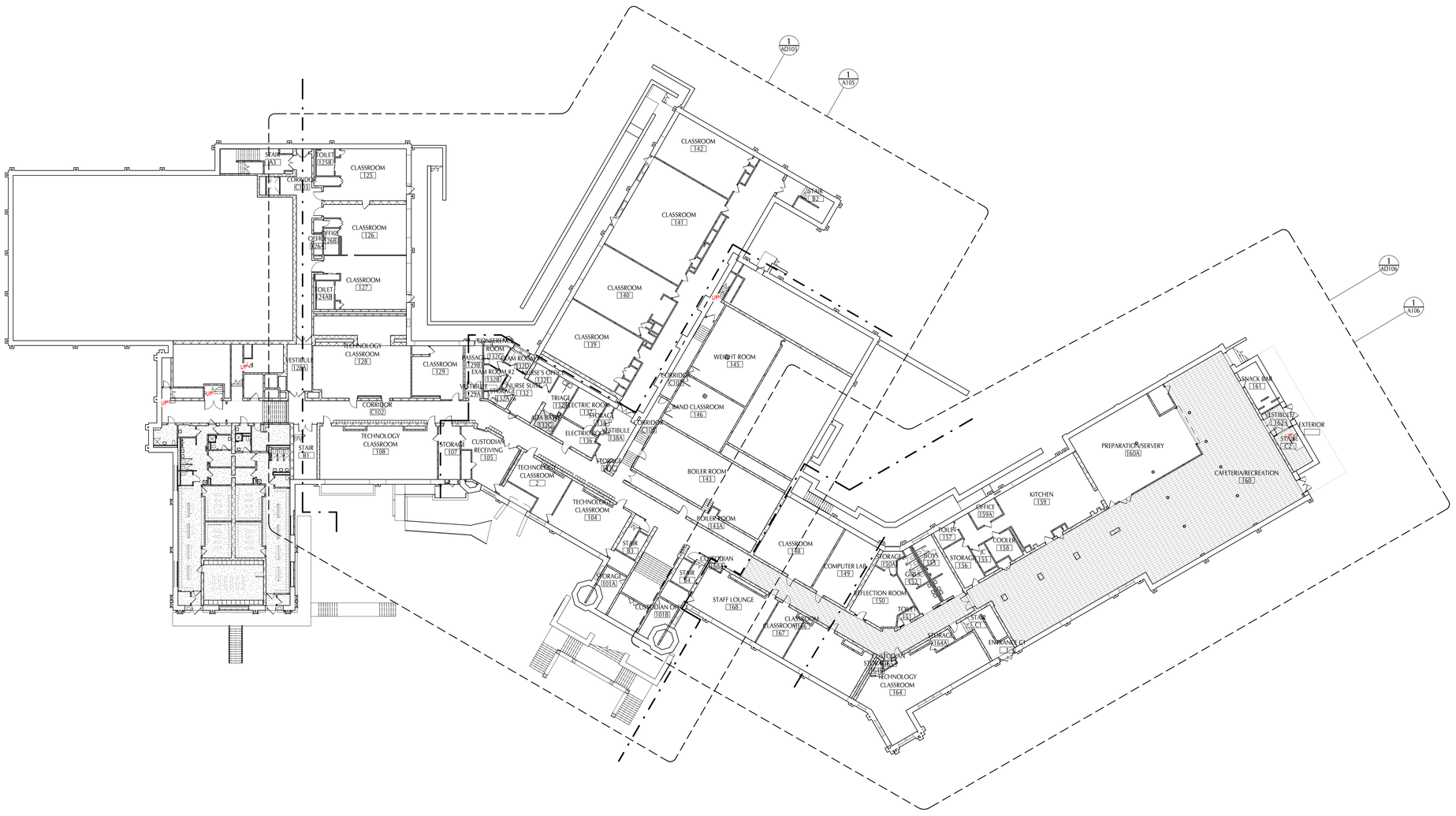
Sheet Title

SYMBOLS, ABBREVIATIONS, AND MISC

Sheet No.

IEYMS
G001

CONSTRUCTION DOCUMENTS



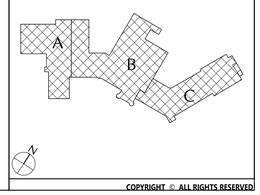
1 OVERALL GROUND FLOOR PLAN

G100 3/64" = 1'-0"

GENERAL NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO SHEET A351 FOR LOCKER ELEVATIONS, TYPES, DETAILS AND ADDITIONAL NOTES.
3. REFER TO SHEET A701 FOR PARTITION TYPES AND ADDITIONAL NOTES.
4. AT ENDS OF EXISTING MASONRY WALLS TO REMAIN, PROVIDE NEW SOLID MASONRY FOR SMOOTH FINISH

KEY PLAN



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REGISTERED ARCHITECT
THOMAS M. PETRONELLI
023344
STATE OF NEW YORK

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Sheet Title

OVERALL GROUND FLOOR PLAN

Sheet No.

IEYMS G100

CONSTRUCTION DOCUMENTS

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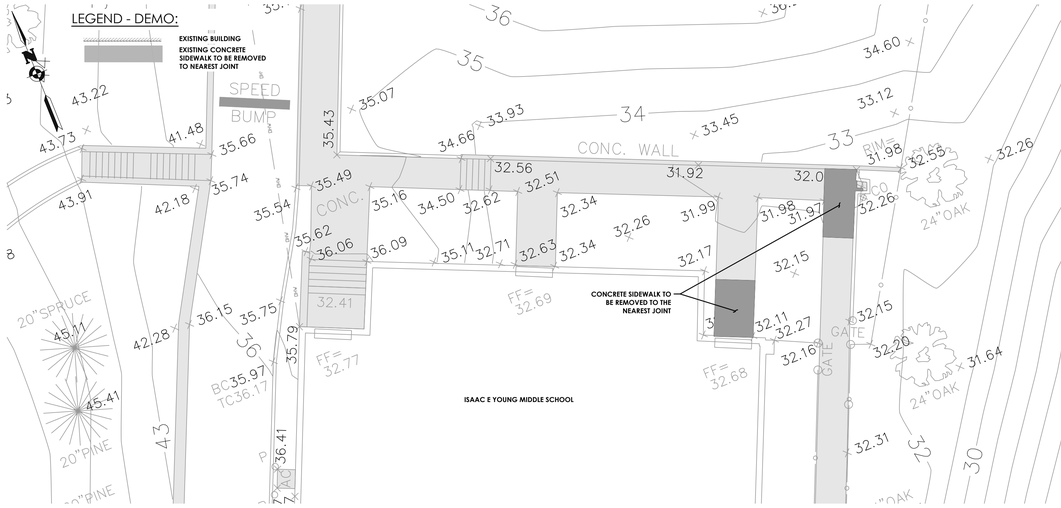
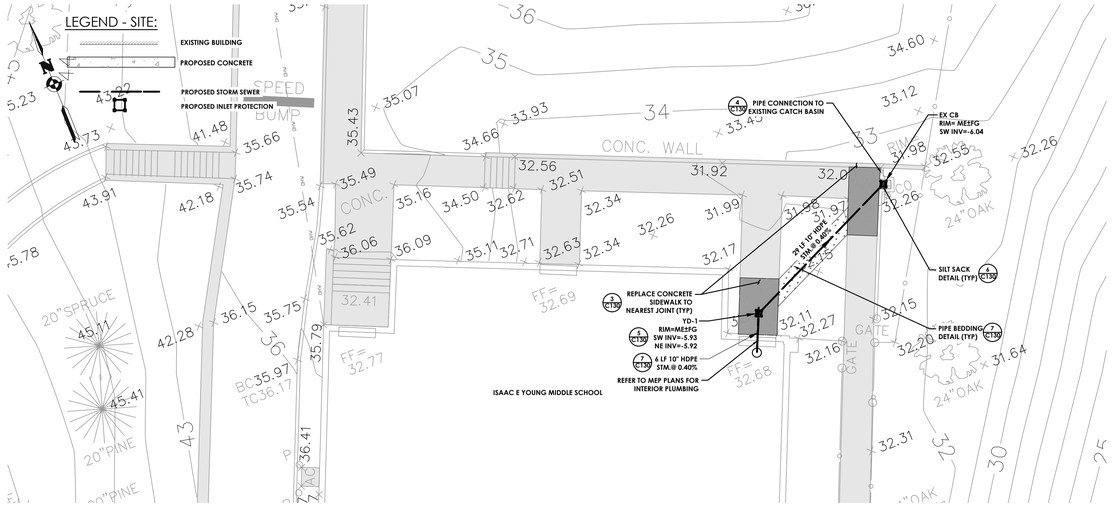
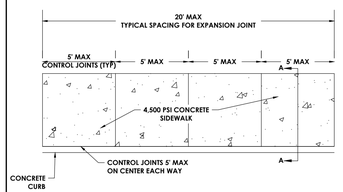


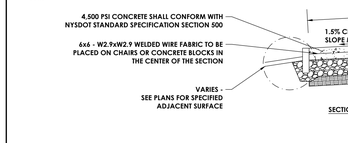


1 EXISTING CONDITIONS & DEMOLITION PLAN
1"=10'

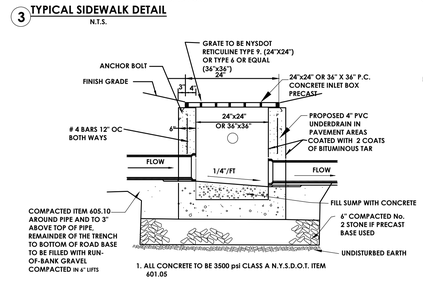
NOTES:

1. SIDEWALK WIDTH SHALL BE MEASURED FROM THE BACK OF THE CURB UNLESS OTHERWISE SPECIFIED.
2. WHERE IT IS NECESSARY TO PLACE FILL FOR PURPOSE OF BRINGING THE SUBGRADE ELEVATION UP TO A SPECIFIED GRADE, THE FILL MATERIAL PLACED SHALL BE IN ACCORDANCE WITH NYSDOT STANDARD SPECIFICATION SECTION 203, LATEST EDITION
3. NYSDOT SUBBASE TYPE 2 SHALL CONFORM TO NYSDOT STANDARD SPECIFICATION SECTION 304, LATEST EDITION.
4. CONCRETE SHALL NOT BE PLACED UNLESS THE AMBIENT AIR SURFACE TEMPERATURE IS ABOVE 40 DEGREES UNLESS DISCUSSED WITH OWNER AND ENGINEER.
5. SIDEWALKS SHALL HAVE A CROSS SLOPE OF 1.5% PER FOOT UNLESS OTHERWISE SPECIFIED ON THE PLANS.
6. ALL EXPOSED CONCRETE SURFACES SHALL BE BROOM FINISHED AND THE EDGES SHALL BE FINISHED WITH A 1.5" RADIUS EDGING TOOL. THE FINISHED CONCRETE SURFACE SHALL BE TREATED WITH CONCRETE SEALER, HARDENER AND DUSTPROOFER. RATE AND METHOD OF APPLICATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.





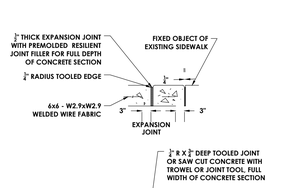
3 TYPICAL SIDEWALK DETAIL
N.T.S.

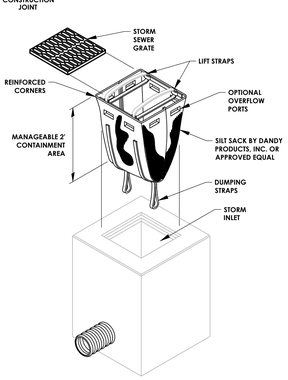


4 PIPE CONNECTION TO DRAINAGE STRUCTURE CMP OR HDPE CEMENT GROUT SEAL JOINT
N.T.S.

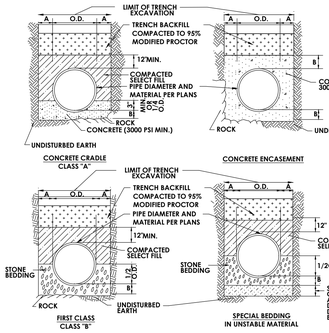
1. ALL CONCRETE TO BE 3500 psi CLASS A N.Y.S.D.O.T. ITEM 401.05
2. ALL CONCRETE IN CONTACT WITH ASPHALT PAVEMENT SHALL BE COVERED WITH A TACK COAT IN ACCORDANCE WITH N.Y.S.D.O.T. SECTION 407.

5 STANDARD CATCH BASIN DETAIL
N.T.S.





6 SILT SACK DETAIL
N.T.S.



PIPE DIA.	DIM. A	DIM. B
UP TO 18"	1.0'	6"
21" TO 36"	1.5'	9"
OVER 36"	1.5'	12"

NOTES

1. TRENCH BACKFILL SHALL BE NATURAL RUN-OF-BANK MATERIAL OR PROCESSED GRAVEL OR EXCAVATED MATERIAL FREE OF CLAY, ORGANIC MATERIAL, DEBRIS, FROZEN MATERIAL AND SHALL BE COMPACTED TO 95% MODIFIED PROCTOR.
2. SELECT FILL SHALL BE SAND, GRAVEL, AND SIMILAR MATERIAL WHICH SHALL BE FREE FROM CLAY, LOAM, ORGANIC MATERIAL, DEBRIS, FROZEN MATERIAL AND SHALL CONTAIN ONLY SMALL AMOUNTS OF STONE, PEBBLES OR LUMPS OVER ONE INCH IN GREATEST DIMENSION BUT NONE OVER TWO INCHES IN GREATEST DIMENSION.
3. STONE BEDDINGS SHALL MEAN APPROVED IMPORTED AGGREGATE MEETING THE REQUIREMENTS OF THE NYSDOT, STANDARD SPECIFICATION SUBSECTION 703-0201 "CRUSHED STONE" PRIMARY SIZE 1 OR A MIXTURE O PRIMARY SIZES 1 AND 2.
4. COARSE AGGREGATE SHALL MEAN APPROVED IMPORTED AGGREGATE MEETING THE REQUIREMENTS OF THE NYSDOT STANDARD SPECIFICATION SUBSECTION 703-0201 "CRUSHED STONE" PRIMARY SIZE 3 AND/OR 4.
5. CONTINUOUS DETECTABLE WARNING TAPE SHALL BE INSTALLED DURING BACKFILLING OF TRENCH FOR UNDERGROUND UTILITIES. LOCATE TAPE 12" BELOW FINISHED GRADE DIRECTLY OVER PIPING AND BELOW SUBGRADE UNDER PAVEMENT SLAB.
6. TRENCHING SHALL BE IN ACCORDANCE WITH OSHA STANDARDS.

7 STORM SEWER/SANITARY SEWER BEDDING DETAIL
N.T.S.

2 SITE, GRADING AND DRAINAGE PLAN
1"=10'

GENERAL NOTE:

1. PROPOSED SIDEWALK GRADES SHALL MATCH GRADE OF EXISTING SIDEWALKS TO REMAIN.

MAP REFERENCE:

1. ALL EXISTING CONDITIONS PROVIDED IN THE BASE MAP FOR ISAAC E YOUNG MIDDLE SCHOOL INCLUDING PROPERTY LINE INFORMATION, TOPOGRAPHY AND UTILITIES HAVE BEEN OBTAINED FROM SURVEY PERFORMED BY BOLTON LAND SURVEYING, P.C. ON NOVEMBER 4TH, 2016.

DEMOLITION NOTES:

1. SECURITY PROVIDE, INSTALL AND MAINTAIN TEMPORARY BARRIERS AND SECURITY DEVICES.
2. DIG SAFE GENERAL GENERAL CONTRACTOR IS RESPONSIBLE TO CALL DIG SAFE PRIOR TO BEGINNING DEMOLITION.
3. VERIFICATION GENERAL CONTRACTOR TO VERIFY VERTICAL AND HORIZONTAL LOCATION OF ALL UTILITIES WITHIN THE WORK AREA OR THOSE EXPECTED TO BE AFFECTED BY NEW WORK, AND SUBSURFACE FEATURES. THE GENERAL CONTRACTOR MUST BRING ANY ISSUES TO THE DESIGN ENGINEER AND OBTAIN WRITTEN APPROVAL FROM THE OWNERS ONSITE REPRESENTATIVE UPON COMPLETION OF VERIFICATION PRIOR TO THE START OF DEMOLITION OR CONSTRUCTION.
4. APPLICABILITY THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION WORK SHOWN AND AS DEFINED IN THE SPECIFICATIONS UNLESS SPECIFICALLY DEFINED OTHERWISE. THIS INCLUDES ALL REMOVALS AS NECESSARY FOR THE CONSTRUCTION OF NEW WORK EVEN IF NOT SPECIFICALLY NOTED ON THE CONTRACT DOCUMENTS.
5. RECORD MAP - DURING REMOVAL/DEMOLITION PROCESS THE GENERAL CONTRACTOR SHALL OBTAIN DETAILED RECORD INFORMATION TO ACCURATELY LOCATE ALL EXISTING UNDERGROUND UTILITIES ENCOUNTERED. THIS INFORMATION SHALL BE INCLUDED ON THE RECORD/AS-BUILT MAPS TO BE SUPPLIED BY THE GENERAL CONTRACTOR TO THE OWNER.
6. SHUTDOWNS GENERAL CONTRACTOR TO COORDINATE ALL UTILITY SHUT DOWNS, RELOCATIONS, SERVICE INSTALLATIONS WITH THE SCHOOL DISTRICT AND LOCAL UTILITY COMPANIES.
7. COORDINATION GENERAL CONTRACTOR SHALL COORDINATE THE REMOVAL OF DEMOLISHED MATERIAL WITH THE OWNER'S REPRESENTATIVE. SITE FURNISHINGS AND MATERIAL DETERMINED TO TO BE REMOVED SHALL BE REMOVED AND EXPORTED OFFSITE IN A LEGAL MANNER AND IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
8. PROTECT ALL EXISTING FEATURES TO REMAIN. DAMAGE TO EXISTING ASPHALT, LAWN AND OTHER FEATURES TO REMAIN SHALL BE REPAIRED AT THE GENERAL CONTRACTOR'S EXPENSE.
9. DISTURBANCE ALL SURFACES THAT ARE DISTURBED DUE TO UTILITY CONSTRUCTION, OUTSIDE OF THE MAJOR WORK AREAS, ARE TO BE RESTORED TO PRE-CONSTRUCTION CONDITION. IN ACCORDANCE WITH THE ASPHALT AND CONCRETE SECTION DETAILS INCLUDED IN THESE PLANS.
10. HAZARDOUS MATERIAL ANY MATERIALS CONTAINING ASBESTOS SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. NOTE THIS MAY INCLUDE UNDERGROUND UTILITIES. GENERAL CONTRACTOR SHALL CONTACT THE OWNERS REPRESENTATIVE TO NOTIFY THEM OF ANY UNKNOWN HAZARDOUS MATERIAL.
11. EXISTING SERVICE GENERAL CONTRACTOR SHALL MAINTAIN SERVICE FROM ALL UTILITIES NOT SLATED FOR DEMOLITION AND SHALL REMAIN FUNCTIONAL UPON COMPLETION OF DEMOLITION.
12. TRENCHES ALL TRENCHES SHALL BE BACKFILLED WITH GRANULAR FILL, COMPACTED IN 12" LIFTS TO 95% MODIFIED PROCTOR TEST. ALL DISTURBED AREAS SHALL BE RESTORED IN KIND IN ACCORDANCE WITH THE DETAILS IN THESE PLANS AND AT A MINIMUM TO THEIR ORIGINAL STATE.
13. SAWCUT AREAS OF ASPHALT AND CONCRETE REMOVAL SHALL BE SAWCUT WITH A NEAT STRAIGHT LINE AT ALL REMOVAL LIMITS.
14. PERMITS GENERAL CONTRACTOR IS RESPONSIBLE TO OBTAIN ALL PERMITS REQUIRED FOR DEMOLITION AND CONSTRUCTION, INCLUDING ALL FEES ASSOCIATED WITH THOSE PERMITS, IN THE BID.
15. ENVIRONMENTAL CONDITIONS OR ISSUES, NOT PREVIOUSLY IDENTIFIED, ARE ENCOUNTERED DURING DEMOLITION, THE GENERAL CONTRACTOR(S) SHALL IMMEDIATELY NOTIFY THE OWNER AND ENGINEER BEFORE CONTINUING THE DEMOLITION PROCESS.
16. RECYCLE ALL MATERIALS WHEN APPROPRIATE.
17. SPOIL MATERIALS FROM DEMOLITION OR EARTHWORK, SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT THE GENERAL CONTRACTOR'S EXPENSE.
18. FIELD TILE IN THE EVENT FIELD TILE IS ENCOUNTERED, THE GENERAL CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER. UNDER NO CIRCUMSTANCES SHALL FIELD TILE BE PERMITTED TO EXIST NEAR BUILDING FOUNDATIONS.

SITE PLAN NOTES:

1. LAYOUT THE DIMENSIONS SHOWN ARE TO THE FACE OF THE CURB AND INCLUDES THE OVERALL SIDEWALK WIDTH, WHERE APPLICABLE.
2. ASPHALT ASPHALT SHALL BE CALCULATED BY WEIGHT (TONNAGE) USING THE SPECIFIED COMPACTED THICKNESS. PAVEMENTS WILL BE BASED ON THE TONNAGE PLACED AS ACCOUNTED FOR BY EACH DELIVERY TRUCK. FULL TIME ON-SITE OBSERVATION WILL BE PRESENT DURING ALL RELATED PAVING OPERATIONS.
3. SUBBASE MATERIAL AND THE VARIOUS ASPHALT CONCRETE MATERIALS CALLED FOR IN THESE DRAWINGS SHALL CONFORM WITH THE REFERENCED SECTION OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, DATED "LATEST EDITION". CONSTRUCTION SHALL BE AS FURTHER SET FORTH IN THOSE SPECIFICATIONS AND AS OTHERWISE PROVIDED FOR IN THESE DRAWINGS.
4. PLACE ASPHALT CONCRETE MIXTURE ON PREPARED SURFACE. SPREAD AND STRIKE-OFF USING A SELF-PROPELLED PAVING MACHINE, WITH VIBRATING SCREED. PLACEMENT IN INACCESSIBLE AND SMALL AREAS MAY BE BY HAND.
5. JOINTS PROVIDE JOINTS BETWEEN OLD AND NEW PAVEMENT OR BETWEEN SUCCESSIVE DAYS WORK.
6. TACK COAT SHALL CONFORM WITH THE FOLLOWING:
   - A. TACK COAT SHALL MEET THE MATERIAL REQUIREMENTS OF 702-90 ASPHALT EMULSION FOR TACK COAT OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, DATED "LATEST EDITION" AND SHALL BE APPLIED IN ACCORDANCE WITH SECTION 407. TACK COAT SHALL BE IN ACCORDANCE WITH THOSE SPECIFICATIONS AND AS OTHERWISE PROVIDED FOR IN THESE DRAWINGS.
   - B. REMOVE LOOSE AND FOREIGN MATERIAL FROM ASPHALT SURFACE BEFORE PAVING NEXT COURSE. USE POWER BROOMS, BLOWERS OR HAND BROOM.
   - C. APPLY TACK COAT TO THE ASPHALT PAVEMENT SURFACES AND SURFACES OF CURBS, GUTTERS, MANHOLES, AND OTHER STRUCTURES PROJECTING INTO OR ABUTTING PAVEMENT. DRY TO A "TACKY" CONSISTENCY BEFORE PAVING.
   - D. TACK COAT ENTIRE VERTICAL SURFACE OF ABUTTING EXISTING PAVEMENT.
7. CLEAN SURFACE AFTER COMPLETION OF PAVING AND SURFACING OPERATIONS, CLEAN SURFACES OF EXCESS OR SPILLED ASPHALT, GRAVEL OR STONE MATERIALS TO THE SATISFACTION OF THE ENGINEER.

UTILITY NOTES:

1. PRIOR TO THE START OF UTILITY INSTALLATION THE GENERAL CONTRACTOR (AND ANY SUBGENERAL CONTRACTORS) IS RESPONSIBLE FOR COORDINATION OF ALL UTILITY CONNECTIONS FOR INCLUDING BUT NOT LIMITED TO VERTICAL AND HORIZONTAL LOCATION, PENETRATIONS, AND SIZES. THE GENERAL CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROCEED WITH UTILITY INSTALLATION BY THE OWNER'S ONSITE REPRESENTATIVE UPON COMPLETION OF COORDINATION WITH GENERAL CONTRACTORS AND PLANS.
2. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING GAS, ELECTRICAL, CABLE, TELEPHONE AND ANY OTHER UTILITIES NOT SPECIFICALLY SHOWN WITHIN THIS PLAN SET WITH APPROPRIATE AGENCY. PASSERO ASSOCIATES ASSUMES NO RESPONSIBILITY FOR THE DESIGN OR PERFORMANCE OF UTILITIES NOT SPECIFICALLY SHOWN WITHIN THIS PLAN SET.
3. PRIOR TO THE START OF UTILITY INSTALLATION THE GENERAL CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY AND COORDINATE WITH EXISTING UTILITIES SHOWN ON THE PLANS AND REPORT ANY DISCREPANCIES TO THE DESIGN ENGINEER. THE GENERAL CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROCEED WITH UTILITY INSTALLATION BY THE OWNER'S ONSITE REPRESENTATIVE UPON COMPLETION OF EXISTING UTILITY VERIFICATION.
4. UTILITY CROSSINGS THE GENERAL CONTRACTOR SHALL EXCAVATE AND VERIFY THE LOCATION OF EXISTING UTILITIES AT ALL PROPOSED CROSSINGS AND NOTIFY THE OWNERS ONSITE REPRESENTATIVE OF ANY CONFLICTS PRIOR TO UTILITY INSTALLATION. THE GENERAL CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROCEED WITH INSTALLATION UPON UTILITY VERIFICATION COMPLETION.

EROSION AND SEDIMENT CONTROL NOTES:

IN ACCORDANCE WITH SECTIONS 107-12 AND 209-3.01 OF THE NYSDOT STANDARD SPECIFICATIONS, THE GENERAL CONTRACTOR SHALL REVIEW THE EROSION AND SEDIMENT CONTROL PLAN INCLUDED IN THE CONTRACT DOCUMENTS, AND IF NECESSARY, MODIFY THE PLAN WITH THE GENERAL CONTRACTOR'S INTENDED SEQUENCE AND TYPES OF OPERATIONS. THE GENERAL CONTRACTOR'S MODIFIED EROSION AND SEDIMENT CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL, ALONG WITH A PROGRESS SCHEDULE THAT ADDRESSES THIS WORK.

1. IN ACCORDANCE WITH SECTIONS 107-12 AND 209-3.01 OF THE NYSDOT STANDARD SPECIFICATIONS, THE GENERAL CONTRACTOR SHALL DESIGNATE AN "EROSION AND SEDIMENT CONTROL SUPERVISOR" FOR THE PROJECT. THE SUPERVISOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THE EROSION AND SEDIMENT CONTROL PLAN AND FOR INSPECTING AND MAINTAINING THE CONTROL MEASURES. THE NAME AND QUALIFICATIONS (TRAINING AND EXPERIENCE) OF THIS INDIVIDUAL SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO STARTING EARTHWORK.
2. THE DESIGNATED "EROSION AND SEDIMENT CONTROL SUPERVISOR" SHALL NOTIFY THE ENGINEER IN ADVANCE OF ANY FIELD CHANGES TO THE EROSION AND SEDIMENT CONTROL MEASURES INDICATED IN THE CONTRACT DOCUMENTS. THE ENGINEER MAY REQUIRE THE GENERAL CONTRACTOR TO SUBMIT A MODIFIED EROSION AND SEDIMENT CONTROL PLAN FOR APPROVAL PRIOR TO IMPLEMENTING ANY FIELD CHANGES.
3. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF FROM DISTURBED AREAS IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL DEVICES BEFORE ENTERING A WATER BODY OR WETLAND.
4. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE FOR WHICH THEY ARE INTENDED AND SHALL REMAIN IN PLACE UNTIL SOILS ARE PERMANENTLY STABILIZED.
5. UNDER NO CONDITION SHALL DISCONTINUED CONSTRUCTION ACTIVITIES IN AREAS WITH SOIL DISTURBANCES BE LEFT FOR A PERIOD OF GREATER THAN 7 DAYS WITHOUT TEMPORARILY STABILIZING THOSE AREAS WITH TEMPORARY SEED AND MULCH. MAINTENANCE OF THOSE AREAS SHALL INCLUDE RESEEDING AND REMULCHING AS NEEDED TO ESTABLISH A SATISFACTORY STAND OF GRASS. THERE SHALL BE NO ADDITIONAL PAYMENT FOR RESEEDING AND REMULCHING.
6. NO WET OR FRESH CONCRETE, LEACHATE, MATERIAL, OR DEBRIS SHALL BE ALLOWED TO ESCAPE INTO A WATER BODY OR WETLAND, NOR SHALL WASHINGS FROM CONCRETE TRUCKS, MIXERS OR OTHER DEVICES BE ALLOWED TO ENTER A WATER BODY OR WETLAND. ANY MATERIAL OR DEBRIS ACCIDENTALLY DROPPED INTO THE CHANNEL SHALL BE IMMEDIATELY AND COMPLETELY REMOVED AND DEPOSITED IN AN UPLAND PROTECTED AREA.
7. THE GENERAL CONTRACTOR SHALL COVER TEMPORARY STOCKPILES OF ERODIBLE MATERIAL (SUCH AS TOPSOIL OR EARTH FILL) WITH POLY SHEETING, OR RING THE STOCKPILES WITH SILT FENCE TO CONTROL EROSION. POLY SHEETING SHALL COMPLETELY COVER THE STOCKPILE AND BE SECURELY ANCHORED AT ALL TIMES. ANY POLY SHEETING OR SILT FENCE THAT IS DAMAGED SHALL BE PROMPTLY REPAIRED OR REPLACED AS DIRECTED BY THE ENGINEER. RINGED STOCKPILES EXPOSED OR EXPECTED TO BE EXPOSED FOR LONGER THAN 7 CALENDAR DAYS SHALL IMMEDIATELY BE STABILIZED WITH APPROPRIATE MEASURES. THE COST OF COVERING AND RINGING/STABILIZING STOCKPILES SHALL BE INCLUDED IN THE PRICE BID FOR THE CORRESPONDING STOCKPILED MATERIAL.
8. DUST CONTROL MEASURES SHALL BE APPLIED AS NEEDED. SWEEP ROADWAYS WHEN THEY BECOME SEDIMENT LADEN. MINIMIZE DISTURBED AREAS, APPLY TEMPORARY SOIL STABILIZATION PRACTICES SUCH AS MULCHING, SEEDING, AND SPRAYING WATER. WATER SHALL BE SPRAYED AS NEEDED BUT AVOID EXTRA SPRAYING WHICH COULD CREATE RUNOFF AND EROSION PROBLEMS.

COMPACTION NOTES

1. THE GENERAL CONTRACTOR SHALL STRIP THE TOPSOIL AND REMOVE ANY UNSUITABLE SOILS PRIOR TO PLACEMENT OF FILL MATERIAL.
2. ALL FILL AREAS SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY OF STANDARD PROCTOR TEST AT OPTIMUM MOISTURE CONTENT.

CONSTRUCTION AREA SEEDING NOTES

1. ALL AREAS DISTURBED BY SITE GRADING AND/OR UTILITY INSTALLATION SHALL RECEIVE APPROVED TOPSOIL AND SPREAD TO A DEPTH NOT LESS THAN 4" INCHES AFTER COMPACTION. TOPSOIL PLACED FOR LAWNS SHALL BE FINE GRADED, SEEDED, MULCHED AND WATERED UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED. THIS IS EXCLUDING FOUNDATION PLANT BEDS, AND ENTRANCE AREAS.
2. LOCATIONS OF EXISTING BURIED UTILITIES SHOWN ON THE SITE PLAN ARE BASED UPON THE BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. THE GENERAL CONTRACTOR IS RESPONSIBLE TO CALL FOR A UTILITY STAKEOUT PRIOR TO COMMENCING PLANT INSTALLATION. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, AND SITE APPURTENANCES WHICH OCCURS AS A RESULT OF LANDSCAPE INSTALLATION OPERATIONS.
3. ROCK-PICK UNTIL UPLIFTED STONE/ROCK MATERIALS OF 4" AND LARGER ARE CLEANED OFF SITE.
4. APPLY TOPSOIL TO A DEPTH OF 6" ON ALL AREAS BEING RETURNED TO GRASS.
5. THE AREA SHALL BE ROUGH GRADED AND SLOPES PHYSICALLY STABLE.
6. SEEDING SHALL TAKE PLACE WITHIN 24 HOURS OF DISTURBANCE OR SCARIFICATION OF THE SOIL SHALL BE NEEDED PRIOR TO SEEDING.
7. SEED SHOULD BE PRESSED INTO THE SOIL TO CREATE GOOD SEED-TO-SOIL CONTACT. NO DEEPER THAN THE THICKNESS OF THE SEED.
8. ANY SEEDING METHOD MAY BE USED THAT PROVIDES UNIFORM APPLICATION OF SEED TO THE AREA.
9. LAWN SEED MIX

   MIX A: SEEDING RATE: 6 LBS./1,000 SQ.FT
   LOW MAINTENANCE FESCUE LAWN
   PREFERRED SEED: LOW MAINTENANCE GRASS SEED MIX OR APPROVED EQUAL

   25% FIREFLY HARD FESCUE
   25% BIG HORN GT HARD/SHEEP
   20% INTRIGUE CHEWINGS FESCUE
   20% QUATRO SHEEP FESCUE
   10% MINOTAUR HARD FESCUE

   SEED MIX B IS TO BE USED ONLY FOR WET-OCCASIONALLY WET LOCATIONS.

   MIX B: SEEDING RATE: 4LBS./1,000 SQ.FT
   OCCASIONAL WET - WET LOCATIONS:
   20% RED TOP — 20% VIRGINIA WILD RYEGRASS
   20% ALKALI GRASS — 20% FOX SEDGE
   10% AUTUMN BENTGRASS — 10% FOWL BLUEGRASS
10. MULCH THE AREA WITH HAY OR STRAW AT 2 TONS/ACRE. WOOD FIBER, HYDROMULCH OR OTHER SPRAYABLE PRODUCTS APPROVED FOR EROSION CONTROL MAY BE USED IF APPLIED ACCORDING TO SPECIFICATIONS.
11. A 10-0-10 FERTILIZER SHALL BE APPLIED EVENLY AT THE RATE OF 20 POUNDS PER 1000 SQ FT. NO FERTILIZER CONTAINING PHOSPHORUS IS PERMITTED ON SITE.

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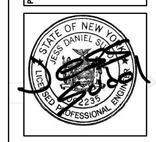
Project Title

CITY SD OF THE CITY OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
EMERGENCY STORM PROJECT



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Sheet Title

DEMOLITION & SITE PLAN

Sheet No.

IEYMS C130

CONSTRUCTION DOCUMENTS

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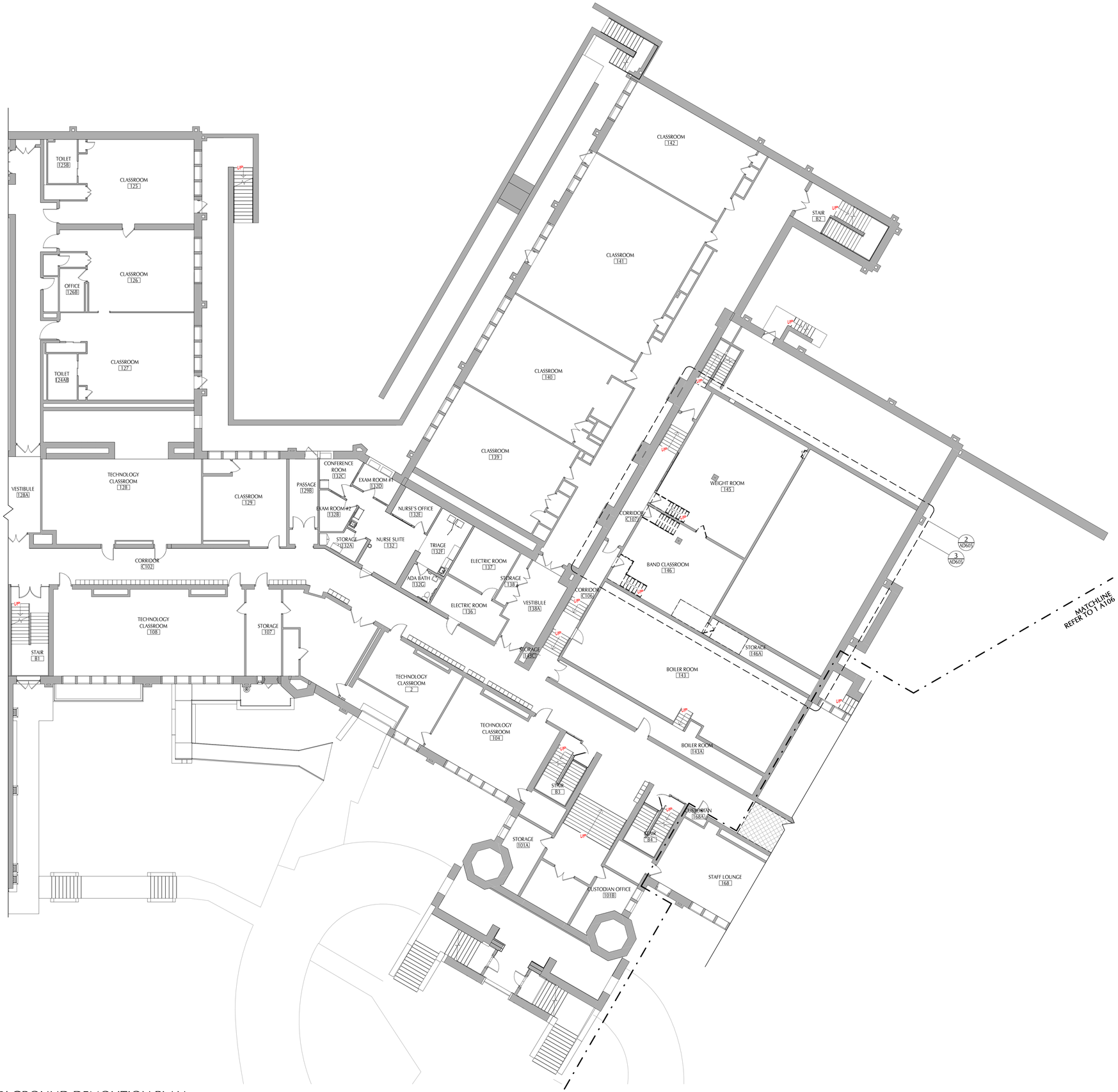
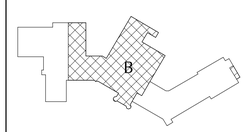


GENERAL NOTES

1. COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.
2. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
3. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO
4. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
5. REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
6. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
7. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

DEMOLITION KEY NOTES

KEY PLAN



1 AREA 'B' GROUND DEMOLITION PLAN - AD105 3/32" = 1'-0"

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Sheet Title
AREA 'B' - PARTIAL GROUND FLOOR DEMO PLAN

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IEYMS AD105

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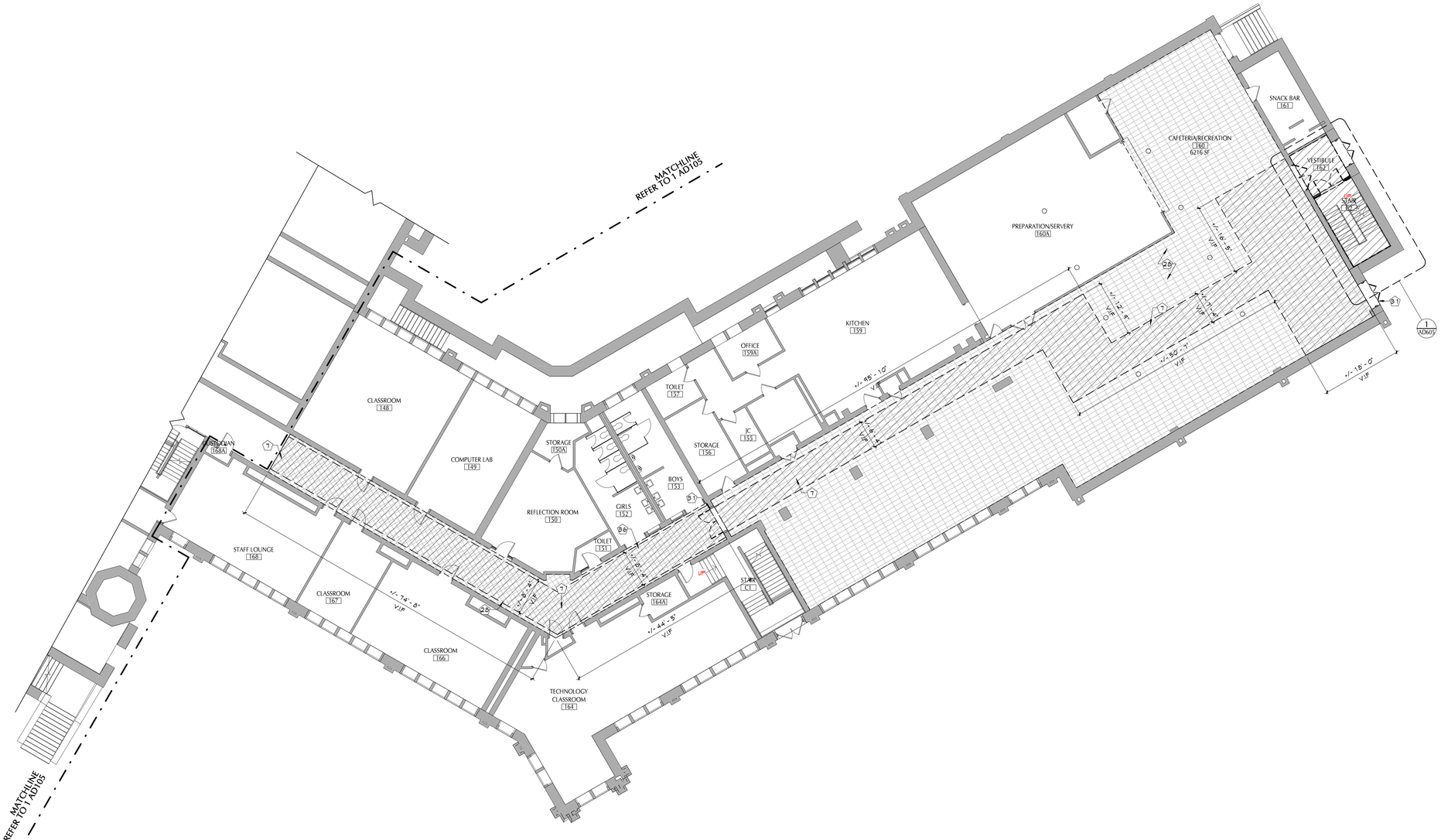


1 AREA 'C' GROUND DEMOLITION PLAN

AD106 3/32" = 1'-0"

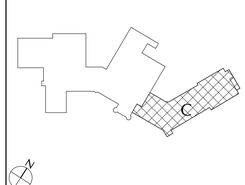
GENERAL NOTES

1. COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.
2. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
3. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO
4. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
5. REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
6. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
7. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

DEMOLITION KEY NOTES

7	SAWCUT AND REMOVE FLOORING SYSTEM AND CONCRETE SLAB IN THEIR ENTIRETY, COORDINATE EXTENT WITH MEP DRAWINGS
28	REMOVE RESILIENT FLOOR FINISH, INCLUDING ALL ADHESIVES, TO SLAB BELOW. REMOVE RUBBER BASE.
9.1	REMOVE AND SALVAGE EXISTING DOOR, FRAME & HARDWARE IN THEIR ENTIRETY
9.6	REMOVE FLOOR FINISH DOWN TO SUBSTRATE

KEY PLAN



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CITY SD OF THE CITY OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
EMERGENCY STORM PROJECT

Project Title

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Sheet Title
AREA 'C' - PARTIAL GROUND FLOOR DEMO PLAN

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IEYMS
AD106

CONSTRUCTION DOCUMENTS

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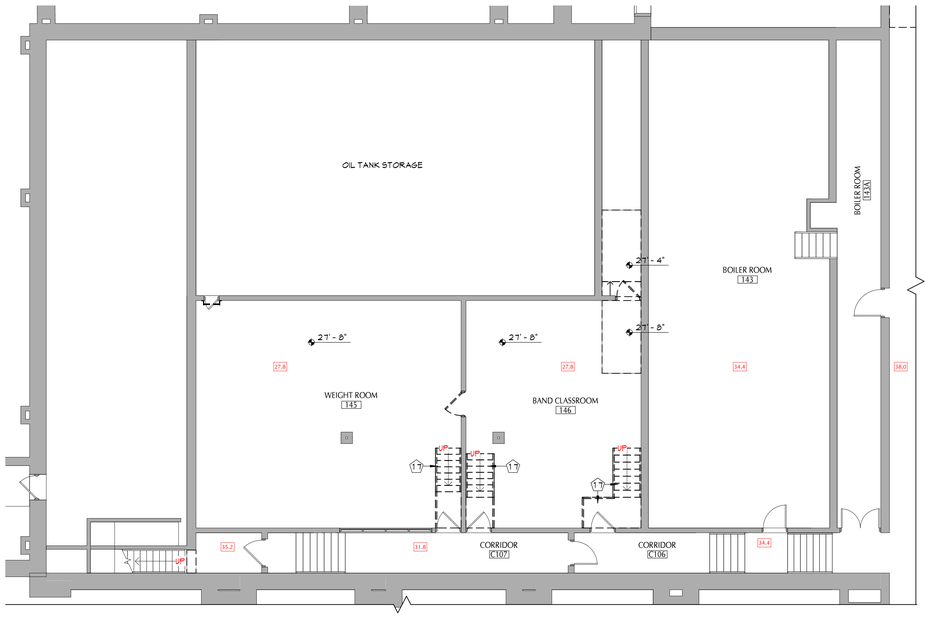
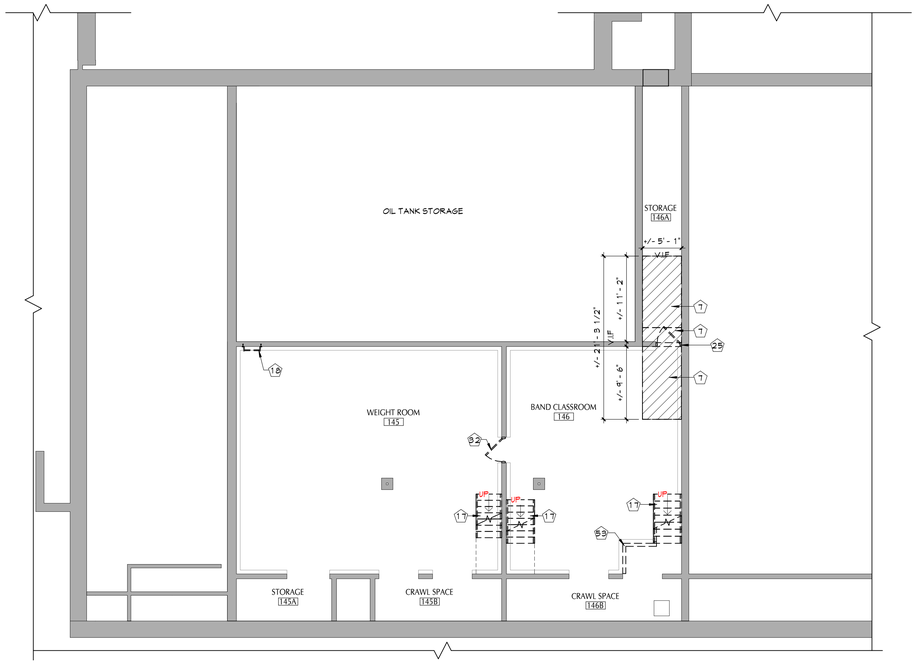
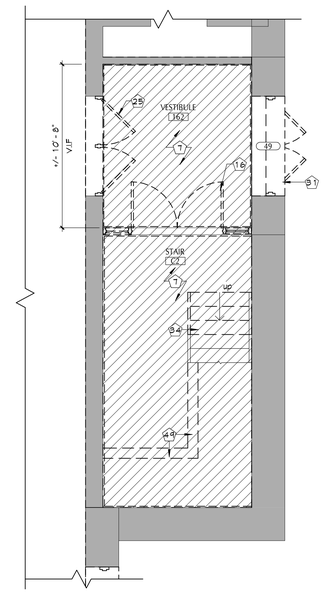


3 31.8 - CORRIDOR C107 FLOOR LEVEL DEMOLITION
AD605 1/8" = 1'-0"



2 27.8 - WEIGHT ROOM / BAND ROOM DEMOLITION PLAN
AD605 1/8" = 1'-0"



1 STAIR C2 - ENLARGED DEMO PLAN
AD605 1/4" = 1'-0"

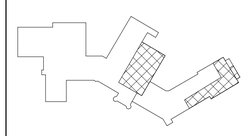
GENERAL NOTES

1. COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.
2. PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
3. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO
4. ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
5. REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
6. PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
7. DRILL CORNERS OF ALL NEW SAWCUT OPENING PRIOR TO SAWCUTTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.

DEMOLITION KEY NOTES

7	SAWCUT AND REMOVE FLOORING SYSTEM AND CONCRETE SLAB IN THEIR ENTIRETY, COORDINATE EXTENT WITH MEP DRAWINGS
16	REMOVE DOOR, FRAME, HARDWARE, AND GLAZING IN THEIR ENTIRETY.
17	REMOVE STAIRS IN ITS ENTIRETY, INCLUDING ALL STRUCTURE AND HANDRAILS. COORDINATE REMOVAL WITH STRUCTURAL DRAWINGS.
18	FIELD CUT LADDER AND RUNGS TO T.O SLAB.
25	REMOVE DOOR, FRAME & HARDWARE IN THEIR ENTIRETY.
31	REMOVE AND SALVAGE EXISTING DOOR, FRAME & HARDWARE IN THEIR ENTIRETY
32	REMOVE EXISTING DOOR FRAME AND HARDWARE IN THEIR ENTIRETY. CUT AND RAISE EXISTING DOOR OPENING TO MEET NEW FLOOR LEVEL.
34	REMOVE THE BOTTOM +/- 3 STAIR RIERS TO FACILIATE SLAB REGONSTRUCTION. MODIFY EXISTING RAILING SYSTEM AS NEEDED. COORDINATE WITH NEW WORK.
44	REMOVE ENTIRE EXISTING PARTITION WALL, FLOOR TO CEILING/STRUCTURE UNLESS OTHERWISE NOTED
53	REMOVE WALL AS REQUIRED

KEY PLAN



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Project Title

CITY SD OF THE CITY OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
EMERGENCY STORM PROJECT

REGISTERED ARCHITECT
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Sheet Title

ENLARGED DEMOLITION PLANS

Sheet No.

IEYMS
AD605

CONSTRUCTION DOCUMENTS

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GENERAL INFORMATION:

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING SHALL APPLY)

1. ALL WORK OF THIS CONTRACT SHALL BE PERFORMED IN ACCORDANCE WITH THE 2020 BUILDING CODE OF NEW YORK STATE, INCLUDING ALL LOCAL, STATE AND FEDERAL CODES REFERENCED BY THE BUILDING CODE OR HAVING JURISDICTION ON THE WORK OF THIS CONTRACT.
2. "LOADS" INDICATED ON THIS DRAWING ARE THOSE FOR THE DESIGN OF THE BUILDING SUPERSTRUCTURE.
3. DESIGN LOADS AND CRITERIA USED IN THE DESIGN OF SPECIALTY STRUCTURAL SYSTEMS (i.e. CURTAIN-WALL, FIRESTAIRS, ARCHITECTURAL PRECAST CONCRETE, METAL PANELS, ETC.) TO BE DETERMINED BY A THIRD PARTY ENGINEER CONTRACTED BY THE SPECIALTY STRUCTURAL SYSTEM IN ACCORDANCE WITH CODE REQUIREMENTS OF GOVERNING JURISDICTION. SPECIALTY ENGINEER IS RESPONSIBLE FOR ALL CONNECTIONS OF THESE SYSTEMS TO THE SUPERSTRUCTURE, INCLUDING, BUT NOT LIMITED TO, ENGINEERING, DETAILING, AND INSTALLATION. IF ALTERATION TO THE SUPERSTRUCTURE IS REQUIRED AS DETERMINED BY THE E.O.R. TO REINFORCE FOR HIGH CONCENTRATED FORCES APPLIED TO THE SPECIALTY SYSTEM CONNECTION, THE REINFORCEMENT AND COST SHALL BE BORNE BY THE SPECIALTY SUB-CONTRACTOR AND SHALL BE CONSIDERED A PART OF THE SPECIALTY CONNECTION.
4. ALL DETAILS MARKED "TYPICAL" IN THE SET OF STRUCTURAL DRAWINGS SHALL BE APPLIED THROUGHOUT THE PROJECT AS REQUIRED TO SATISFY THE REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL COORDINATE REQUIREMENTS FOR QUANTITY AND LOCATION WHERE THE "TYPICAL" DETAILS APPLY.
5. FAILURE ON THE PART OF THE CONTRACTOR TO REVIEW THE DRAWINGS OF OTHER DISCIPLINES (i.e. ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, ETC.) TOGETHER WITH THE FULL EXTENT OF THE PROJECT SPECIFICATIONS DOES NOT RELIEVE THEM OF THE RESPONSIBILITY TO FURNISH AND INSTALL ITEMS THAT ARE PART OF THEIR WORK AS INDICATED BY THE DRAWINGS AND SPECIFICATIONS OF OTHER TRADES. ALL STRUCTURAL TRADE CONTRACTORS AND SUB-CONTRACTORS ARE PROHIBITED FROM EXCLUDING STRUCTURAL WORK FROM THEIR CONTRACT NOT SHOWN IN THE STRUCTURAL DRAWINGS.
6. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER.
7. THE CONTRACTOR IS RESPONSIBLE FOR PROPER FIELD FITTING AND QUANTITY OF WORK. THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AS REQUIRED AND BE RESPONSIBLE FOR FITTING NEW CONSTRUCTION TO EXISTING CONSTRUCTION.
8. THE CONTRACTOR IS RESPONSIBLE FOR A SITE INVESTIGATION(S) PRIOR TO THE START OF WORK TO REVEAL ALL EXISTING CONDITIONS
9. IT IS THE CONTRACTOR'S RESPONSIBILITY TO EXAMINE ALL DRAWINGS AND SPECIFICATIONS AND COORDINATE ALL WORK WITHIN THE CONTRACT.
10. THE CONTRACTOR SHALL PROVIDE FOR THE PROPER OFF-SITE DISPOSAL OF ALL CONSTRUCTION DEBRIS AND/OR EXCAVATED MATERIALS IN COMPLIANCE WITH LOCAL, NEW YORK STATE AND FEDERAL LAWS AND REQUIREMENTS.
11. THE CONTRACTOR SHALL REMOVE DEBRIS FROM WORK AREA AT THE END OF EACH WORK DAY.
12. CARE SHALL BE TAKEN TO RETAIN NATURAL GROWTH AND PREVENT DAMAGE OUTSIDE THE LIMITS OF CONSTRUCTION AND NOT SCHEDULED FOR REMOVAL. ANY DAMAGE CAUSED TO THIS NATURAL GROWTH SHALL BE RESTORED AT THE EXPENSE OF THE CONTRACTOR AS ORDERED BY THE OWNER.
13. THE CONTRACTOR SHALL TAKE EVERY PRECAUTION TO AVOID DAMAGING EXISTING PAVEMENTS, ROADWAYS, LANDSCAPING, CURBS AND SIDEWALKS WHEN IT IS NECESSARY FOR THE CONTRACTOR TO MOVE THEIR EQUIPMENT. THE CONTRACTOR SHALL OBSERVE ALL OF THE RULES, REGULATIONS AND DIRECTIONS OF THE LOCAL MUNICIPALITIES, STATE AND FEDERAL AGENCIES RELATIVE TO SUCH HANDLING OF EQUIPMENT AND TAKE SUCH PROTECTIVE MEASURES AS MAY BE ORDERED BY THE OWNER. THE CONTRACTOR SHALL REPAIR ANY DAMAGED MATERIALS TO THE APPROVAL OF THE OWNER AT NO ADDITIONAL COST.
14. THE CONTRACTOR SHALL IDENTIFY, LOCATE AND PROTECT EXISTING ELECTRICAL, FIBER, SECURITY AND TELECOMMUNICATION INFRASTRUCTURE FROM DAMAGE DURING CONSTRUCTION OPERATIONS AND ALLOW EQUIPMENT TO REMAIN OPERABLE.
15. THE CONTRACTOR SHALL TAKE CARE NOT TO DISTURB EXISTING UTILITIES WITHIN THE PROJECT LIMITS. WHERE WORK AFFECTS OR IS AFFECTED BY EXISTING UTILITIES. THE WORK SHALL NOT COMMENCE PRIOR TO CONTACTING THE AFFECTED UTILITY COMPANY/COMPANIES IN ORDER TO COORDINATE THE WORK.
16. IN THE EVENT THAT THE CONTRACTOR DAMAGES ANY EXISTING UTILITY SERVICE CAUSING AN INTERRUPTION IN SAID SERVICE, THE CONTRACTOR SHALL IMMEDIATELY COMMENCE WORK TO RESTORE SERVICE AND MAY NOT CEASE THEIR WORK OPERATION UNTIL SERVICE IS RESTORED. THE COST ASSOCIATED WITH REPAIRING AN EXISTING UTILITY SHALL BE BORNE ENTIRELY BY THE CONTRACTOR.
17. IF THE OWNER NOTIFIES THE CONTRACTOR OF ANY HAZARDOUS CONSTRUCTION PRACTICES, ALL OPERATIONS IN THE AFFECTED AREA SHALL BE DISCONTINUED AND IMMEDIATE ACTIONS SHALL BE TAKEN TO CORRECT THE SITUATION TO THE SATISFACTION OF THE OWNER BEFORE WORK IS RESUMED.

EXISTING CONDITIONS GENERAL NOTES:

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING SHALL APPLY)

1. DIMENSIONS AND ELEVATIONS OF EXISTING CONDITIONS GIVEN ON STRUCTURAL DRAWINGS ARE BASED ON INFORMATION CONTAINED IN VARIOUS ORIGINAL DESIGN AND CONSTRUCTION DOCUMENTS PROVIDED BY THE OWNER, AND LIMITED FIELD OBSERVATIONS AND MEASUREMENTS.
2. CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS BY ACTUAL MEASUREMENT PRIOR TO BEGINNING WORK, AND WHEN FEASIBLE, PRIOR TO SHOP DRAWING SUBMITTALS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE SAID DISCREPANCIES WITH ALL SUB-CONTRACTORS AND MATERIAL SUPPLIERS.
3. CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AND BRACING TO MAKE SAFE ALL FLOORS AND/OR ADJACENT PROPERTY AS PROJECT CONDITIONS REQUIRE. DESIGN SHALL BE STAMPED BY A LICENSED ENGINEER EMPLOYED BY THE CONTRACTOR.

FOUNDATION GENERAL NOTES:

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING SHALL APPLY)

1. PRIOR TO PLACING FOUNDAIN CONCRETE, ALL FOUNDATION EXCAVATIONS SHALL BE INSPECTED BY THE SPECIAL INSPECTOR TO EXPLORE THE EXTENT OF LOOSE, SOFT, EXPANSIVE, OR OTHERWISE UNSATISFACTORY SOIL MATERIAL AND TO VERIFY DESIGN BEARING PRESSURE. DIRECTION FOR CORRECTIVE ACTION WILL BE PROVIDED WHERE REQUIRED.
2. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONTROL OF GORUNDWATER AND SURFACE RUNOFF THROUGHT OUT THE CONSTRUCTION PROCESS. INUNDATION AND LONG TERM EXPOSURE OF BEARING SURFACES WHICH RESULT IN DETERIORATION OF THE BEARING SHALL BE PREVENTED.
3. FOOTING DESIGN BASED ON PRESUMPTIVE ALLOWABLE BEARING PRESSURE OF 1,500 PSF.
4. FOUNDATION EXCAVATIONS SHALL BE INSPECTED BY THE OWNER'S GEOTECHNICAL ENGINEER PRIOR TO CONCRETE PLACEMENT. SOFTENED OR OTHERWISE UNSUITABLE BEARING MATERIAL SHALL BE REMOVED AND REPLACED WITH LOAD-BEARING FILL OR LEAN CONCRETE (2,000 PSI)
5. EXCAVATIONS SHALL BE KEPT DRY BY PUMPING UNTIL UNDERGROUND CONSTRUCTION IS COMPLETE.
6. NO BACKFILLING WILL BE PERMITTED AGAINST BASEMENT RETAINING WALLS UNTIL THE UPPER AND LOWER LEVEL SLABS ARE IN PLACE ATLEAST SEVEN DAYS.
7. REFER TO DIVISION 31 OF THE PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.

CAST-IN-PLACE CONCRETE GENERAL NOTES:

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING SHALL APPLY)

1. CONCRETE WORK SHALL CONFORM WITH THE REQUIREMENTS OF THE AMERICAN CONCRETE INSTITUTE ACI 318-14.
2. REINFORCING FOR CONCRETE SHALL BE DEFORMED STEEL BARS IN ACCORDANCE WITH ASTM SPECIFICATION A615, GRADE 60. REBAR ANCHOR TIES TO BE ASTM SPECIFICATION A-955, GRADE 60.
3. TEMPERATURE REINFORCING SHALL BE SUFFICIENTLY EMBEDDED TO DEVELOP FULL STRENGTH IN CONCRETE WALLS AND SLABS.
4. PROVIDE ADEQUATE TIES FOR REINFORCEMENT IN SLABS, BEAMS, PIERS AND WALLS. REINFORCEMENT TO BE HELD AT CORRECT DISTANCE FROM FORMS AND EARTH BY STEEL CHAIRS OR TIES.
5. FOLLOW C.R.S.I. RULES FOR PLACING OF REINFORCING STEEL AND ACCESSORIES.
6. THIS CONTRACTOR SHALL COOPERATE WITH OTHER TRADES AND WHERE REQUIRED INSTALL ALL BUILT-IN WORK, SLEEVES, INSERTS, ETC., AS REQUIRED FOR A COMPLETE JOB.
7. STRUCTURAL MEMBERS SHALL BE POURED FOR THEIR FULL DEPTHS IN ONE OPERATION. CONSTRUCTION JOINTS, SUCH AS A DAY'S POUR, JOINTS SHALL BE LOCATED IN THE MIDDLE THIRD OF THE SPAN, MAIN REINFORCING TO RUN THROUGH THE JOINT, KEY AND ROUGHEN JOINTS TO EXPOSE AGGREGATE FOR CHEMICAL BOND.
8. NO HORIZONTAL JOINTS SHALL BE PLACED IN WALLS EXCEPT AS SHOWN ON THE DRAWINGS, WITHOUT THE APPROVAL OF THE ENGINEER.
9. STRUCTURAL SLABS ON GRADE SHALL BE OF A THICKNESS AND REINFORCED AS INDICATED ON DRAWINGS.
10. FOR OPENINGS IN FLOORS AND WALLS NOT SHOWN ON STRUCTURAL DRAWINGS, SEE MECHANICAL, ELECTRICAL, PLUMBING, AND ARCHITECTURAL DRAWINGS.
11. PROVIDE 100% CONTINUITY OVER SUPPORTS FOR CONTINUOUS SLABS AND BEAMS.
12. TOP ELEVATION OF SLABS SHALL VARY ACCORDING TO FINISH FLOOR MATERIAL. SEE ARCHITECTURAL DRAWINGS.
13. U.N.O. WALL FOOTINGS SHALL BE MINIMUM 12" THICK AND PROJECT 6" BEYOND ALL FACES OF WALLS AND AS A MINIMUM CONTAIN #5@12" O.C. BOTTOM BARS
14. ALL CONCRETE EXPOSED TO VIEW SHALL BE CONSTRUCTED WITH SMOOTH-FORM FINISH. ROUGH FORM FINISH FOR CONCRETE SURFACES NOT EXPOSED TO VIEW.
15. FLOOR SURFACE PROFILES SHALL BE TESTED IN ACCORDANCE WITH ASTM E1155, PER THE REQUIREMENTS FOR FLAT FLOORS.
    - OVERALL TOLERANCES: F_F=35; F_L=25
    - MINIMUM LOCAL TOLERANCES: F_F=21; F_L=15
16. UNLESS OTHERWISE INDICATED ON DRAWINGS CAST-IN-PLACE CONCRETE SHALL CONFORM TO THE FOLLOWING TABLE:

LOCATIONS	CONCRETE STRENGTH (PSI)	NOMINAL MAX SIZE AGGREGATE	AIR CONTENT (%)	MAX. W/C RATIO
INTERIOR SLAB-ON-GROUND	3500	1-1/2"	N/A	0.55
FOUNDATION WALL, EXTERIOR SLAB-ON-GROUND, AND FOOTINGS	4500	1-1/2"	5.5 +/- 1.5	0.45

17. REPAIRING FORMED SURFACES. SURFACE DEFECTS INCLUDE COLOR AND TEXTURE IRREGULARITIES, CRACKS, SPALLS, AIR BUBBLES, HONEYCOMBS, ROCK POCKETS, FINS AND OTHER PROJECTIONS ON THE SURFACE, AND STAINS AND OTHER DISCOLORATIONS THAT CANNOT BE REMOVED BY CLEANING.
    A. IMMEDIATELY AFTER FORM REMOVAL, CUT OUT HONEYCOMBS, ROCK POCKETS, AND VOIDS MORE THAN 1/2" IN ANY DIMENSION TO SOLID CONCRETE. LIMIT CUT DEPTH TO 3/4". EDGES OF CUTS MUST BE PERPENDICULAR TO THE CONCRETE SURFACE. CLEAN, DAMPEN SURFACE WITH WATER, AND BRUSH-COAT HOLES AND VOIDS WITH BONDING AGENT. FILL AND COMPACT WITH PATCHING MORTAR BEFOR BONDING AGENT HAS DRIED. FILL FORM-TIE VOIDS WITH PATCHING MORTAR OR CONE PLUGS SECURED IN PLACE WITH BONDING AGENT.
    B. REPAIR DEFECTS ON SURFACES EXPOSED TO VIEW BY BLENDING WHITE PORTLAND CEMENT AND STANDARD PORTLAND CEMENT SO THAT, WHEN DRY, THE PATCHING MORTAR WILL MATCH THE SURROUNDING COLOR. PATCH A TEST AREA AT INCONSPICUOUS LOCATIONS TO VERIFY MIXTURE AND COLOR MATCH BEFORE PROCEEDING WITH PATCHING. COMPACT MORTAR IN PLACE AND STRIKE OFF SLIGHTLY HIGHER THAN SURROUNDING SURFACE.
    C. REPAIR DEFECTS ON CONCEALED FORMED SURFACES THAT AFFECT THE CONCRETE'S DURABILITY AND STRUCTURAL PERFORMANCE AS DETERMINED BY THE ENGINEER.
18. REFER TO DIVISION 03 OF THE PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.

GRADATION TABLES

SELECT FILL		
SEIVE		PERCENT PASSING
SEIVE SIZE	SEIVE OPENING (MM)	
4 IN	101.6	100
No. 40	0.425	0 - 70
No. 200	0.075	0 - 15

ITEM B-12		
SEIVE		PERCENT PASSING
SEIVE SIZE	SEIVE OPENING (MM)	
1 - 1/2 IN	38.1	100
1 IN	25.4	95 - 100
1/2 IN	12.7	45 - 60
1/4 IN	6.35	0 - 15

NO. 2 COARSE AGGREGATE		
SEIVE		PERCENT PASSING
SEIVE SIZE	SEIVE OPENING (MM)	
1 - 1/2 IN	38.1	100
1 IN	25.4	90 - 100
1/2 IN	12.7	0 - 15

SUBBASE TYPE 2		
SEIVE		PERCENT PASSING
SEIVE SIZE	SEIVE OPENING (MM)	
2 IN	50.8	100
1/4 IN	6.35	25 - 60
NO. 40	0.425	5 - 40
NO. 200	0.075	0 - 10

SELECT GRANULAR MATERIAL		
SEIVE		PERCENT PASSING
SEIVE SIZE	SEIVE OPENING (MM)	
2 IN	50.8	100
1/4 IN	6.35	30 - 65
NO. 40	0.425	5 - 40
NO. 200	0.075	0 - 10

STRUCTURAL DESIGN					
DESIGN LOADS:					
IMPORTANCE FACTORS (BC1604.5):			WIND LOADS (BC1609):		
RISK CATEGORY	III		BASIC DESIGN WIND SPEED	126	mph
WIND (I_W)	1.0		ALLOWABLE STRESS DESIGN WIND SPEED, V_{asd}	98	mph
SNOW (I_S)	1.10				
SEISMIC (I_E)	1.25		EXPOSURE CATEGORY	C	
DEAD LOADS:			SEISMIC REQUIREMENTS (BC1613):		
FLOOR	65	psf	SITE CLASS	D	
			SPECTRAL RESPONSE COEFFICIENTS:		
LIVE LOADS (BC1607):			S_S	0.289	g
ROOMS & CORRIDORS	100	psf	S_1	0.06	g
STAIRS - DISTRIBUTED LOAD	100	psf	S_{DS}	0.302	
STAIRS - CONCENTRATED LOAD	300	lbs	S_{D1}	0.096	g
ROOF	20	psf	SEISMIC DESIGN CATEGORY	B	g
			SEISMIC FORCE RESISTING SYSTEM:	N/A	
SNOW LOADS (BC1608):					
GROUND SNOW LOAD (P_g) (NYS BLDG.)	25	psf	FLOOD REQUIREMENTS (BC1612):		
FLAT ROOF SNOW LOAD (P_f)	22.0	psf	FLOOD HAZARD STATUS	NA	
EXPOSURE FACTOR (C_E)	1.0				
THERMAL FACTOR (FLAT ROOF)	1.0				

STRUCTURAL ABBREVIATIONS:

@	AT	IN	INCHES
ALT	ALTERNATE	INFO	INFORMATION
APPROX	APPROXIMATELY	INSUL	INSULATION
ARCH	ARCHITECT	INV	INVERT ELEVATION
ATCH	ATTACHMENT	JT	JOINT
BP	BASE PLATE	LBS	POUNDS
BO	BOTTOM OF	LLH	LONG LEG HORIZONTAL
BLDG	BUILDING	LLV	LONG LEG VERTICAL
BOT	BOTTOM	LOCS	LOCATIONS
BRG	BEARING	LP	LOW POINT
CANTIL	CANTILEVER	LVL	LAMINATED VENEER LUMBER
CFMF	COLD-FORMED METAL FRAMING	MAX	MAXIMUM
℄	CENTERLINE	MC	MOMENT CONNECTION
CJ	CONTROL JOINT	MECH	MECHANICAL
CJP	COMPLETE JOINT PENETRATION WELD	MEP	MECHANICAL, ELECTRAICAL, PLUMBING
CLR	CLEARANCE/CLEAR	MFR	MANUFACTURER
CMU	CONCRETE MASONRY UNIT	MID	MIDDLE
COL	COLUMN	MIN	MINIMUM
CONC	CONCRETE	NO. #	NUMBER
CONN	CONNECTION	NTS	NOT TO SCALE
CONT	CONTINUOUS/CONTINUATION	OC	ON CENTER
COORD	COORDINATE	PL	PLATE
DBL	DOUBLE	PSF	POUNDS PER SQUARE FOOT
DIA, Ø	DIAMETER	PSI	POUNDS PER SQUARE INCH
DWG	DRAWING	PSL	PARALLEL STRAND LUMBER
EA	EACH	PT	PRESSURE TREATED
EF	EACH FACE	RD	ROOF DRAIN
EJ	EXPANSION JOINT	REINF	REINFORCEMENT/REINFORCED
EL, ELEV	ELEVATION	REQ'D	REQUIRED
EOR	ENGINEER OF RECORD	SC	SLIP CRITICAL
EOS	EDGE OF SLAB	SCHED	SCHEDULE
EQ	EQUAL/EQUALLY	SF	SQUARE FEET
EW	EACH WAY	SIM	SIMILAR
EXST	EXISTING	SOG	SLAB ON GROUND
EXP	EXPANSION	SP	SPACING
EXT	EXTERIOR	T&B	TOP AND BOTTOM
FD	FLOOR DRAIN	THK	THICK
FIN	FINISHED	T.O.	TOP OF
FS	FOOTING STEP	TOF	TOP OF FOOTING
FT	FOOT/FEET	TOS	TOP OF STEEL/SLAB
FTG	FOOTING	TOW	TOP OF WALL
GALV	GALVANIZED	TYP	TYPICAL
GWB	GYPSUM WALL BOARD	UNO	UNLESS NOTED OTHERWISE
HOR, HORIZ.	HORIZONTAL	VERT	VERTICAL
HP	HIGH POINT	W/	WITH
HT	HEIGHT	WWR	WELDED WIRE REINFORCEMENT
ID	INSIDE DIAMETER	YD/YDS	YARD/YARDS

LEGEND

- 1 TITLE / SCALE — DETAIL, PLAN, OR SECTION TITLE
- N — NORTH ARROW
- X / X-XXX / DWG No. — SECTION
- BREAK LINE
- X / X-XXX — DETAIL
- LOCATION / ELEVATION — ELEVATION MARK

PATTERNS (UNLESS NOTED ON DWG):

- CONCRETE
- MASONRY
- STRUCTURAL STEEL
- STRUCTURAL FILL
- CRUSHED STONE

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Project Title
CITY SD OF THE CITY OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
EMERGENCY STORM PROJECT

STATE OF NEW YORK · JOHN G. RIZZO JR. · 077511 · LICENSED PROFESSIONAL ENGINEER
3/2/2022

#	DATE	DESCRIPTION

Drawn By: KLC
Checked By: PMB
Proj. #: 66-11-00-01-0-003-017
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Construction Documents:

Sheet Title
GENERAL NOTES, LEGENDS & ABBREVIATIONS

Sheet No.
IEYMS
S001

CONSTRUCTION DOCUMENTS

C:\Users\kcoldwell\Documents\20211806.00 IEYMS Reconstruction Project_Struct_2020_kcoldwell.rvt

Check if Required	INSPECTION AND TESTING	Continuous	Periodic	REFERENCE STANDARD	BCNYS REFERENCE	SPEC SECTION	COMMENTS
☐	**A. Steel Construction** Follow specifications found in reference standards.						
☐	1. Structural Steel			AISC 360 Chapter N	1705.2.1		In addition to the requirements of AISC 360 Chapter N, there shall be continuous inspection of member placement.
☐	2. Cold-formed Steel Deck			AISC 360 Table N5.4-1	SDI QA/QC		
☐	3. Installation of Open Web Steel Joists and Joist Girders				1705.2.3		
☐	a. End Connections- Welding or Bolted		☐	SJI Specifications listed in Section 2207.1 of the BCNYS	1705.2.3, 2207.1		
☐	b. Bridging – Horizontal or Diagonal				1705.2.3, 2207.1		
☐	1. Standard Bracing		☐	SJI Specifications listed in Section 2207.1 of the BCNYS	1705.2.3, 2207.1		
☐	2. Bridging That Differs from the SJI Specifications Listed in Section 2207.1		☐		1705.2.3, 2207.1		
☐	4. Cold-formed steel trusses spanning 60 feet or greater		☐		1705.2.4		
☐	a. Verify installation of temporary restraint and bracing		☐	Approved Truss Submittal Package	1705.2.4		
☐	b. Verify installation of permanent restraint and bracing		☐	Approved Truss Submittal Package	1705.2.4		
☑	**B. Concrete Construction**						
☑	1. Inspection of reinforcement, including prestressing tendons, and verify placement.		☑	ACI 318: Ch. 20, 25.2, 25.3, 26.6.1-26.6.3	1705.3, 1908.4		
☐	2. Reinforcing bar welding.						
☐	a. Verify weldability of reinforcing bars other than ASTM A706		☐	AWS D1.4; ACI 318: 26.6.	1705.3		
☐	b. Inspect single-pass fillet weld, maximum 5/16"		☐		1705.3		
☐	c. Inspect all other welds	☐			1705.3		
☐	3. Inspect anchors cast in concrete		☐	ACI 318: 17.8.2	1705.3		
☐	4. Inspect anchors post-installed in hardened concrete members.						
☐	a. Adhesive anchors installed in horizontal or upwardly inclined orientations to resist sustained tension loads.	☐		ACI 318: 17.8.2.4	1705.3		
☐	b. Mechanical anchors and adhesive anchors not defined in 4.a.		☐	ACI 318: 17.8.2	1705.3		
☑	5. Verify use of required design mix.		☑	ACI 318: Ch. 19, 26.4.3, 26.4.4	1705.3, 1904.1, 1904.2, 1908.2, 1908.3		
☑	6. Prior to concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.	☑		ASTM C 172, C 31; ACI 318: 26.5, 26.12	1705.3, 1908.10		
☑	7. Inspect concrete and shotcrete placement for proper application techniques.	☑		ACI 318: 26.5	1705.3, 1908.6, 1908.7, 1908.8		
☑	8. Verify maintenance of specified curing temperature and techniques.		☑	ACI 318: 26.5.3-26.5.5	1705.3, 1908.9		
☐	9. Inspect prestressed concrete.						
☐	a. Application of prestressing forces.	☐		ACI 318: 26.10	1705.3		
☐	b. Grouting of bonded prestressing tendons	☐		ACI 318: 26.10	1705.3		
☐	10. Inspect erection of precast concrete members.		☐	ACI 318: Ch. 26.9	1705.3		
☐	11. Verification of in-situ concrete strength prior to stressing of tendons and prior to removal of shores and forms from beams and structural slabs.		☐	ACI 318: 26.11.2	1705.3		
☐	12. Inspect formwork for shape, location and dimensions of the concrete member being formed.		☐	ACI 318: 26.11.1.2(b)	1705.3		
☐	**C. Masonry Construction** Follow specifications found in reference standards.			TMS 402/ACI 530/ASCE 5 and TMS 602/ACI 530.1/ASCE 6	1705.4		
☐	1. Quality Assurance Level			TMS 402/ACI 530/ASCE 5 Section 3.1 and TMS 602/ACI 530.1/ASCE 6 Section 1.6	1705.4		
☐	a. Level A			TMS 402/ACI 530/ASCE 5 Table 3.1.1 and TMS 602/ACI 530.1/ASCE 6 Table3	1705.4		
☐	b. Level B			TMS 402/ACI 530/ASCE 5 Table 3.1.2 and TMS 602/ACI 530.1/ASCE 6 Table 4	1705.4		
☐	c. Level C			TMS 402/ACI 530/ASCE 5 Table 3.1.3 and TMS 602/ACI 530.1/ASCE 6 Table 5	1705.4		
☐	2. Inspect and test empirically designed masonry, glass unit masonry, and masonry veneer in Risk Category IV when designed in accordance with Sections 2109, 2110, or Chapter 14, repectively.	☐		TMS 402/ACI 530/ASCE 5, Level B Quality Assurance	1705.4.1		
☐	3. Inspect and test vertical masonry foundation elements.	☐		TMS 402/ACI 530/ASCE 5 and TMS 602/ACI 530.1/ASCE 6	1705.4		
☐	**D. Wood Construction**				1705.5		
☐	1. Fabrication of wood structural elements and assemblies.		☐		1705.5, 1704.2.5		
☐	a. Inspect prefabricated wood structural elements and assemblies.		☐		1705.5, 1704.2.5		
☐	b. Verify panel sheathing, panel grade, panel thickness at high-load wood diaphragms. Additionally, verify nominal size of framing membes at adjoining panel edge and fasteners size and spacing.	☐			1705.5, 1704.2, 2306.2		
☐	2. On site inspection						
☐	a. Verify species and grade of structural members	☐					
☐	b. Verify size and location of structural members	☐					
☐	c. Verify hardware for connections	☐					
☐	3. Verify temporary and permanent bracing/restraint at metal-plate-connected wood trusses greater than 60 feet in length.		☐	Approved Truss Submittal Package	1705.5		
☑	**E. Soils**						
☐	1. Verify materials below shallow foundations are adequate to achieve the design bearing capacity.		☐		1705.6		
☐	2. Verify excavations are extended to proper depth and have reached proper material.		☐		1705.6		
☑	3. Perform classification and testing of compacted fill materials.		☑		1705.6		
☑	4. Verify use of proper materials, density and lift thicknesses during placement and compaction of compacted fill.	☑			1705.6		
☑	5. Prior to placement of compacted fill, inspect subgrade and verify that site has been prepared properly.		☑		1705.6		

Check if Required	INSPECTION AND TESTING	Continuous	Periodic	REFERENCE STANDARD	BCNYS REFERENCE	SPEC SECTION	COMMENTS
☐	**F. Driven Deep Foundations**						
☐	1. Verify element materials, sizes and lengths comply with the requirements.	☐			1705.7, 1810.3.2		
☐	2. Determine capacities of test elements and conduct additional load tests, as required.	☐			1705.7, 1810.3.3.1.2, 1810.3.3.1.3		
☐	3. Inspect driving operations and maintain complete and accurate records for each element.	☐			1705.7		
☐	4. Verify placement locations and plumbness, confirm type and size of hammer, record number of blows per foot of penetration, determine required penetrations to achieve design capacity, record tip and butt elevations and document any damage to the foundation element.	☐			1705.7		
☐	5. For steel elements, perform additional inspections in accordance with Section 1705.2.				1705.7		
☐	6. For concrete elements and concrete-filled elements, perform tests and additional inspections in accordance with Section 1705.3.				1705.7		
☐	7. For specialty elements, perform additional inspections as determined by the registered design professional in responsible charge.				1705.7		
☐	**G. Cast-in-Place Deep Foundations**				1705.8		
☐	1. Inspect drilling operations and maintain complete and accurate records for each element.	☐			1705.8		
☐	2. Verify placement locations and plumbness, confirm element diameters, bell diameters (if applicable), lengths, embedment into bedrock (if applicable) and adequate end bearing strata capacity. Record concrete and grout volumes.	☐			1705.8		
☐	3. For concrete elements, perform tests and additional special inspections in accordance with Section 1705.3.				1705.8		
☐	**H. Helical Pile Foundations**				1705.9		
	1. Record information on installation equipment, pile dimensions, tip elevations, final depth, final installatin torque, and other pertinent installation data as required by the Registered Design Professional In Responsible Charge.	☐			1705.9		
☑	**I. Inspection of Fabricated Items**				1705.10, 1704.2.5, 1704.2.5.1		
☐	**J. Special Inspections for Wind Resistance**				1705.11		
☐	1. Structural Wood				1705.11.1		
☐	a. Inspect field gluing operations of elements of the main windforce-resisting system.	☐			1705.11.1		
☐	b. Inspect nailing, bolting, anchoring, and other fastening of elements of the main windforce-resisting system, including wood shear walls, wood diaphragms, drag struts, braces, and hold-downs.		☐		1705.11.1		
☐	2. Cold-Formed Steel light-frame construction				1705.11.2		
☐	a. Inspect welding operations of the main windforce-resisting system.		☐		1705.11.2		
☐	b. Inspect screw attachment, bolting, anchoring, and other fastening of elements of the main windforce-resisting sytem, including shear walls, braces, diaphragms, collectors, and hold-downs.		☐		1705.11.2		
☐	3. Wind-Resisting Components				1705.11.3		
☐	a. Inspect roof covering, rood deck, and roof framing connections.		☐		1705.11.3		
☐	b. Inspect exterior wall coverings and wall connections to roof and floor diaphragms and framing.		☐		1705.11.3		
☐	**K. Special Inspections for Seismic Resistance** Applicable to specific structures, systems, and components.				1705.12		Building is exempt from special inspections for seismic as per 1705.12 (2). Force resisting system is reinforced masonry, SDS does not exceed 0.5, and building height is <25'.
☐	1. Structural steel.	☐		AISC 341	1705.12.1		
☐	2. Structural wood.	☐	☐		1705.12.2		
☐	3. Cold-formed steel framing.		☐		1705.12.3		
☐	4. Designated Seismic Systems		☐		1705.12.4		
☐	5. Architectural components.		☐		1705.12.5		
☐	6. Mechanical and electrical components.		☐		1705.12.6		
☐	7. Storage racks and access floors.		☐		1705.12.7		
☐	8. Seimic isolation system.		☐		1705.12.8		
☐	9. Cold-formed steel special bolted moment frame.		☐		1705.12.9		
☐	**L. Structural Testing for Seismic Resistance** Applicable to specific structures, systems, and components.				1705.13, 1704.2		
☐	1. Structural steel.			AISC 341	1705.13.1		
☐	a. Seismic force-resisting systems			AISC 341	1705.13.1.1		
☐	b. Structural steel elements			AISC 341	1705.13.1.2		
☐	2. Nonstructural components			ASCE 7 Section 13.2.1	1705.13.2, 1704.5		
☐	3. Designated seismic system			ASCE 7 Section 13.2.2	1705.13.3, 1704.5		
☐	4. Seismic isolation system			ASCE 7 Section 17.8	1705.13.4		
☐	**M. Sprayed Fire-Resistant Materials**				1705.14		
☐	1. Physical and visual tests				1705.14.1		
☐	2. Structural member surface conditions.				1705.14.2		
☐	3. Application.				1705.14.3		
☐	4. Thickness.			ASTM E 605	1705.14.4		
☐	5. Density.			ASTM E 605	1705.14.5		
☐	6. Bond strength.			ASTM E 736	1705.14.6		
☐	**N. Mastic and Intumescent Fire-Resistant Coatings**			AWCI 12-B	1705.15, 722.5.1.3		
☐	**O. Exterior Insulation and Finish Systems (EIFS)**			ASTM E2570	1705.16		
☐	**P. Fire-Resistant Penetrations and Joints**			ASTM E2174, ASTM E2393	1705.17, 714.3.1.2, 714.4.2, 715.3, 715.4, 1705.17.1, 1705.17.2		
☐	**Q. Smoke Control**				1705.18		
☐	**R. Special Cases**				1705.1.1		
☐	**S. Structural Observations** Applicable to specific structures.				1704.6		

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CITY SD OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
EMERGENCY STORM PROJECT

Project Title

STATE OF NEW YORK
JOHN G. RIZZONI
027511
LICENSED PROFESSIONAL ENGINEER

3/2/2022

#:	DATE	DESCRIPTION

Drawn By: KLC
Checked By: RMB
Proj. #: 66-11-00-01-0-003-017
CSArch Proj. #: 188-2203.00
Construction Documents:

Sheet Title
SPECIAL INSPECTIONS

Sheet No.
IEYMS
S002

CONSTRUCTION DOCUMENTS

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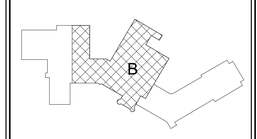
1 AREA 'B' GROUND FLOOR REMOVALS PLAN
3/32" = 1'-0"

NOTES:

1. CONTRACTOR TO PERFORM A SCAN OF THE FLOOR IN THE AREA OF WORK USING GROUND PENETRATING RADAR (GPR) OR OTHER ENGINEER APPROVED METHOD TO LOCATE REINFORCEMENT PRIOR TO SLAB REMOVAL. THIS REQUIREMENT ALSO APPLIES IF THE CONTRACTOR IS PROVIDING ANY FASTENER GREATER THAN 3/4" IN LENGTH. ONCE IDENTIFIED, THE REINFORCING SHALL NOT BE CUT OR OTHERWISE COMPROMISED IN ANY WAY. PRIOR TO CUTTING, DRILLING, OR FASTENING TO SLAB, REVIEW WITH ARCHITECT AND ENGINEER ANY AND ALL LOCATIONS WHERE REINFORCEMENT IS IN CONFLICT WITH NEW WORK.

KEY PLAN



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Project Title
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ISAAC E YOUNG MIDDLE SCHOOL
EMERGENCY STORM PROJECT

JOHN G. RIZZO JR. STATE OF NEW YORK 027511 LICENSED PROFESSIONAL ENGINEER
3/2/2022

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Sheet Title
AREA 'B' GROUND FLOOR REMOVALS PLAN

Sheet No.
IEYMS SD101

CONSTRUCTION DOCUMENTS

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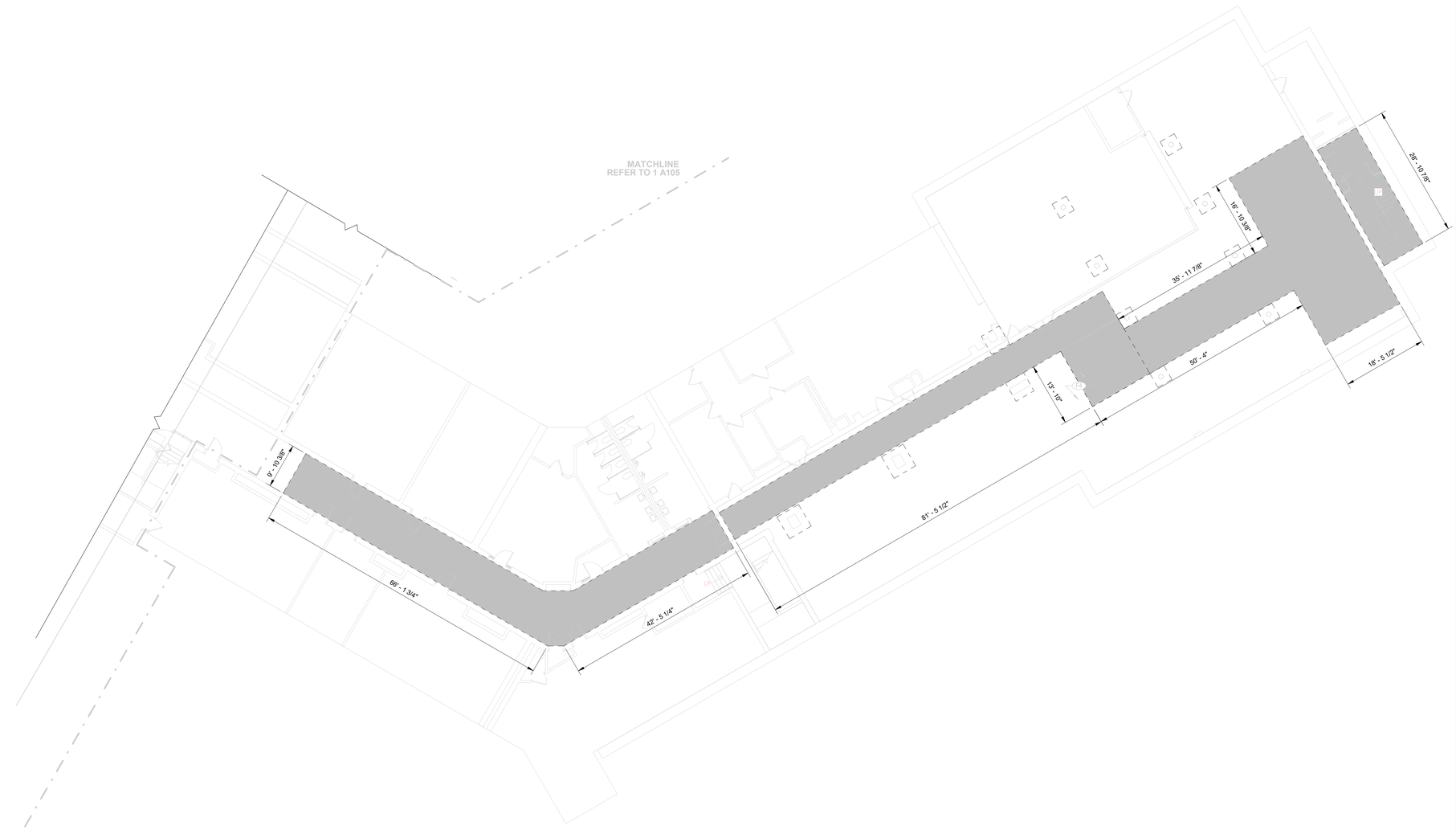
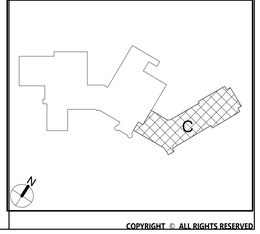


1 AREA 'C' SLAB REMOVALS PLAN
3/32" = 1'-0"

NOTES:

1. CONTRACTOR TO PERFORM A SCAN OF THE FLOOR IN THE AREA OF WORK USING GROUND PENETRATING RADAR (GPR) OR OTHER ENGINEER APPROVED METHOD TO LOCATE REINFORCEMENT PRIOR TO SLAB REMOVAL. THIS REQUIREMENT ALSO APPLIES IF THE CONTRACTOR IS PROVIDING ANY FASTENER GREATER THAN 3/4" IN LENGTH. ONCE IDENTIFIED, THE REINFORCING SHALL NOT BE CUT OR OTHERWISE COMPROMISED IN ANY WAY. PRIOR TO CUTTING, DRILLING, OR FASTENING TO SLAB, REVIEW WITH ARCHITECT AND ENGINEER ANY AND ALL LOCATIONS WHERE REINFORCEMENT IS IN CONFLICT WITH NEW WORK.

KEY PLAN



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JOHN G. RIZZO JR.
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LICENSED PROFESSIONAL ENGINEER
3/2/2022

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Construction Documents:	

Sheet Title
AREA 'C' SLAB REMOVALS PLAN

Sheet No.
IEYMS
SD102

CONSTRUCTION DOCUMENTS

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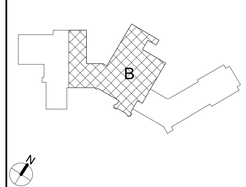
1 AREA 'B' GROUND FLOOR PLAN
3/32" = 1'-0"

NOTES:

1. TOS ELEVATION= 29'-10 1/2" UNO.
2. REINFORCE 5" SOG W/ WWR 6X6-W6XW6. SEE TYP SOG DETAIL ON DWG S-701 FOR ADDITIONAL INFORMATION.
3. CJ- DENOTES CONTROL JOINT. REFER TO TYP1 CONTROL JOINT DETAIL ON DWG S-701.

KEY PLAN



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ISAAC E YOUNG MIDDLE SCHOOL
EMERGENCY STORM PROJECT

STATE OF NEW YORK
JOHN G. RIZZO JR.
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LICENSED PROFESSIONAL ENGINEER
3/2/2022

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Sheet Title
AREA 'B' - PARTIAL SLAB PLAN

Sheet No.
IEYMS
S101

CONSTRUCTION DOCUMENTS

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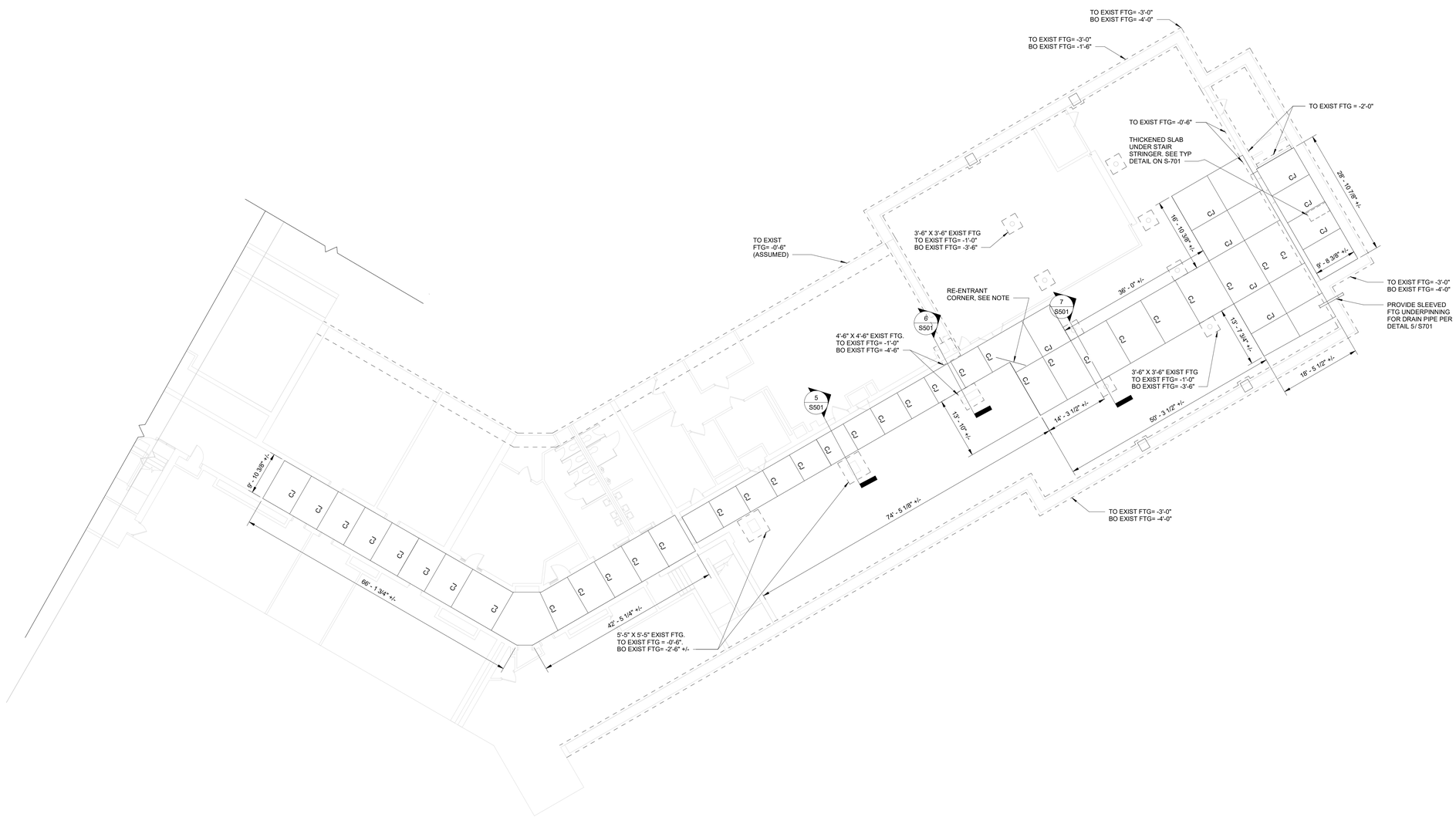
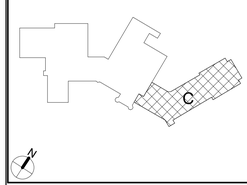


1 AREA 'C' GROUND FLOOR PLAN
3/32" = 1'-0"

NOTES:

1. TOS ELEVATION= 39'-0" +/- UNO. FIELD VERIFY AND MATCH EXIST FLOOR SLAB EL.
2. REINFORCE 5" SOG W/ WWR 6X6-W6XW6. SEE TYP SOG DETAIL ON DWG S-701 FOR ADDITIONAL INFORMATION.
3. CJ- DENOTES CONTROL JOINT. REFER TO TYP1 CONTROL JOINT DETAIL ON DWG S-701.
4. PROVIDE ADDITIONAL REINF @ RE-ENTRANT CORNERS, SEE TYPICAL DETAIL ON DWG S701.
5. DOWEL SLAB TO EXIST SLAB PER TYPICAL DETAIL ON DWG S701.

KEY PLAN



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Construction Documents:

Sheet Title
AREA 'C' - PARTIAL GROUND FLOOR PLAN

Sheet No.
IEYMS
S102

CONSTRUCTION DOCUMENTS

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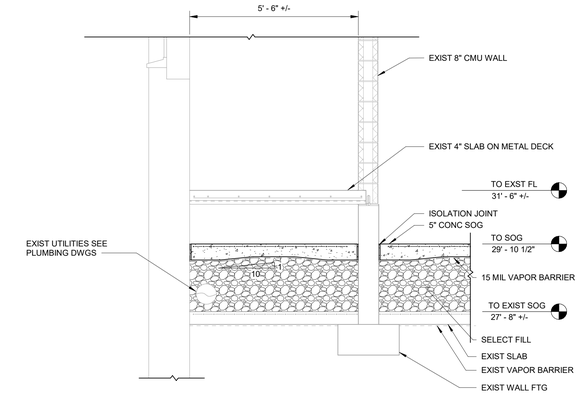
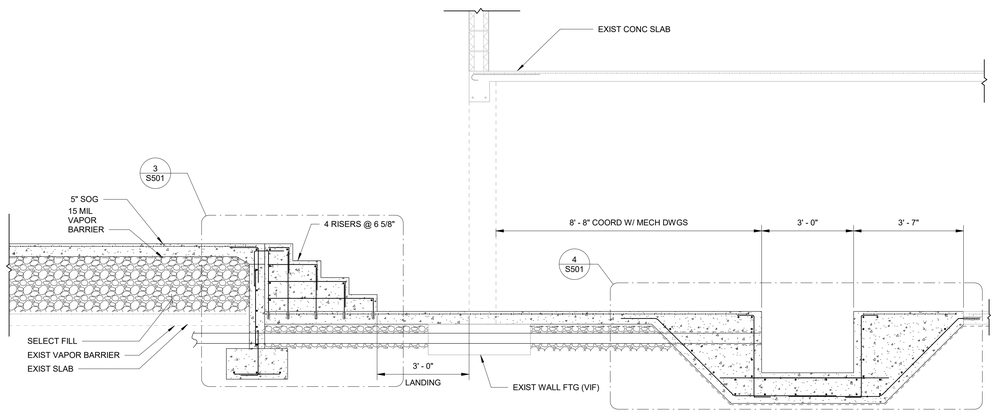
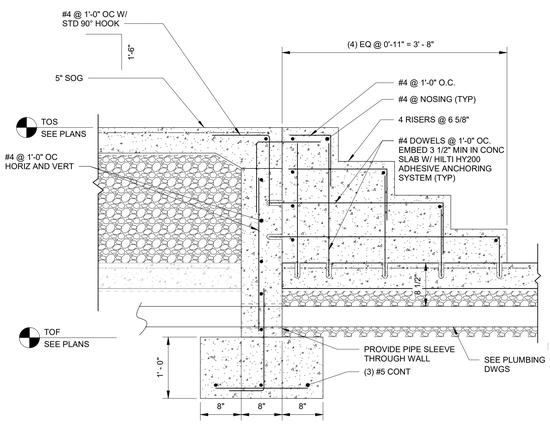


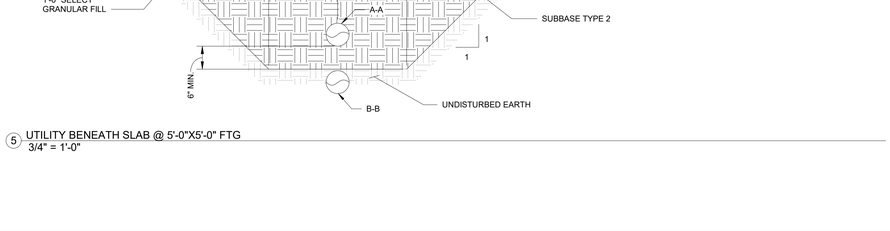
1 SECTION
1/2" = 1'-0"



2 SECTION @ STAIR
1/2" = 1'-0"

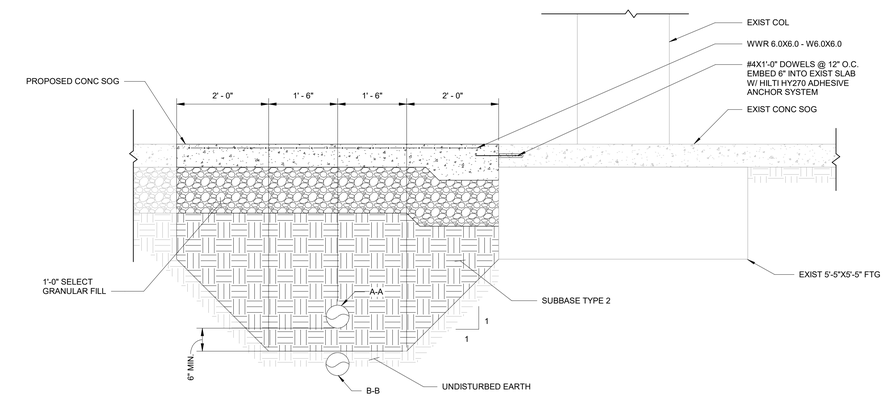


3 STAIR REINF DETAIL
1" = 1'-0"



4 SUMP PIT REINF DETAIL
1" = 1'-0"

6 UTILITY BENEATH SLAB @ 4'-6"X4'-6" FTG
3/4" = 1'-0"



5 UTILITY BENEATH SLAB @ 5'-0"X5'-0" FTG
3/4" = 1'-0"

7 UTILITY BENEATH SLAB @ 3'-6"X3'-6" FTG
3/4" = 1'-0"

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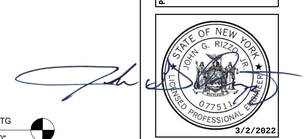

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Sheet Title

DETAILS & SECTIONS

Sheet No.

IEYMS
S501

CONSTRUCTION DOCUMENTS

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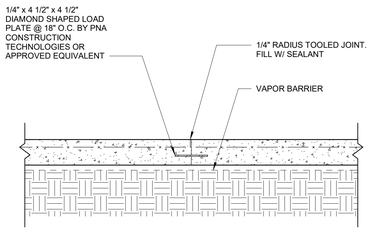
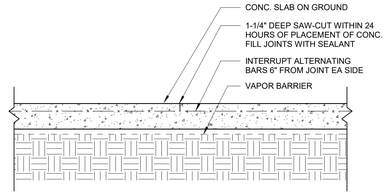
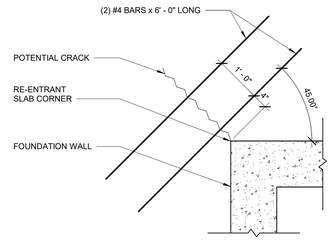


1 TYP. SLAB CONSTRUCTION JOINT DETAIL
NTS



2 TYP. SAW CUT CONTROL JOINT
NTS

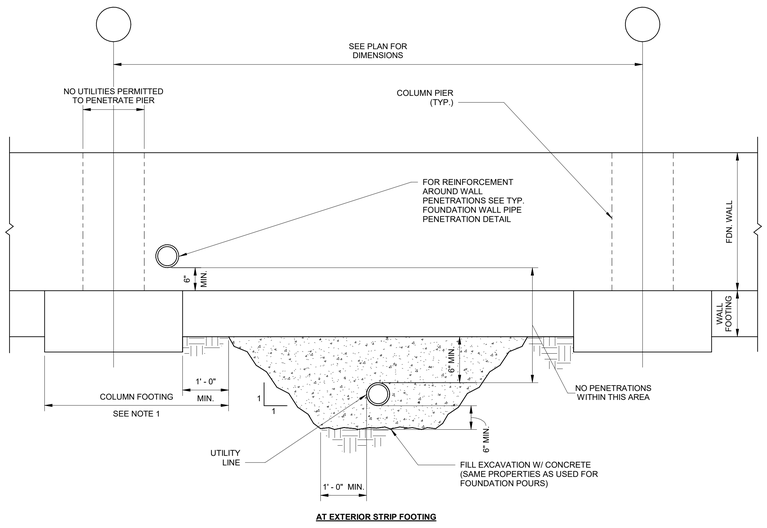


3 TYPICAL SLAB RE-ENTRANT CORNER REINFORCEMENT DETAIL
NTS

LAP SPLICE TABLE F'C= 4,500 PSI	
BAR SIZE	LAP SPLICE LENGTH
#4	2' - 0"
#5	2' - 6"
#6	3' - 0"
#7	4' - 4"
#8	4' - 11"
#9	5' - 7"
#10	6' - 3"
#11	7' - 0"

NOTES:
1. TABLE APPLIES ONLY TO CONDITIONS WITH NORMAL WEIGHT CONCRETE, UNCOATED OR GALVANIZED REINFORCEMENT, LESS THAN 12 INCHES OF CONCRETE PLACED BELOW HORIZONTAL REINFORCEMENT.

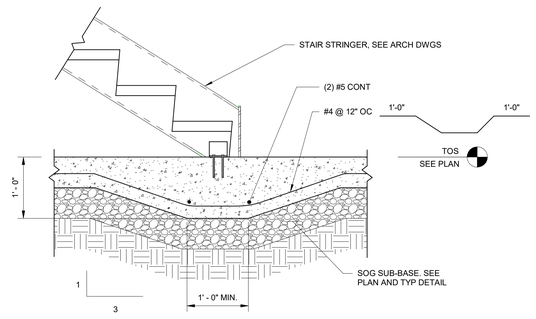
4 TYPICAL LAP SPLICE TABLE
NTS



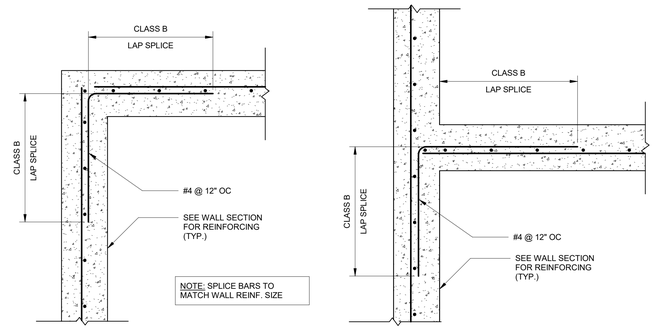
AT EXTERIOR STRIP FOOTING

NOTES:
1. NO UTILITIES SHALL BE PERMITTED BELOW COLUMN FOOTING. SHOULD UTILITIES NEED TO BE LOCATED IN THE VICINITY OF COLUMN FOOTING, THE FOOTING SHALL BE LOWERED IN ELEVATION (SEE TYPICAL STEPPED FOOTING DETAIL). IF LOWERING OF FOOTING IS NOT POSSIBLE, CONSULT ENGINEER FOR FURTHER DIRECTION

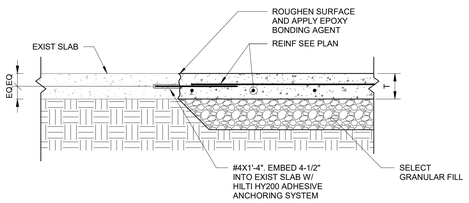
5 TYPICAL PIPE SLEEVE THRU FTG. DETAIL
NTS



6 TYP INTERIOR STAIR STRINGER FOUNDATION DETAIL
NTS



7 TYP. WALL CORNER AND INTERSECTION DETAILS
NTS



8 TYP DOWEL JOINT @ EXIST SLAB
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CITY SD OF THE CITY OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
EMERGENCY STORM PROJECT

Project Title

STATE OF NEW YORK
JOHN G. RIZZANI JR.
027511
LICENSED PROFESSIONAL ENGINEER
3/2/2022

#	DATE	DESCRIPTION

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Proj. #:	66-11-00-01-0-003-017
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Construction Documents:	

Sheet Title
TYPICAL
DETAILS

Sheet No.
IEYMS
S701

CONSTRUCTION DOCUMENTS

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1 AREA 'B' GROUND FLOOR PLAN - CP

A105 3/32" = 1'-0"

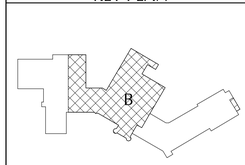
GENERAL NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO SHEET A351 FOR LOCKER ELEVATIONS, TYPES, DETAILS AND ADDITIONAL NOTES.
3. REFER TO SHEET A701 FOR PARTITION TYPES AND ADDITIONAL NOTES.
4. AT ENDS OF EXISTING MASONRY WALLS TO REMAIN, PROVIDE NEW SOLID MASONRY FOR SMOOTH FINISH

KEY NOTES

#	DESCRIPTION

KEY PLAN



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CITY SD OF THE CITY OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
EMERGENCY STORM PROJECT

Project Title

REGISTERED ARCHITECT THOMAS M. FITZGERALD 022949 STATE OF NEW YORK

NO.	DATE	DESCRIPTION
1	04-08-2022	ARCHITECTRUAL SED ADDENDUM #1

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Issued for Bid:	06-17-2022

Sheet Title: AREA 'B' - PARTIAL GROUND FLOOR PLAN

Sheet No.: IEYMS A105

CONSTRUCTION DOCUMENTS

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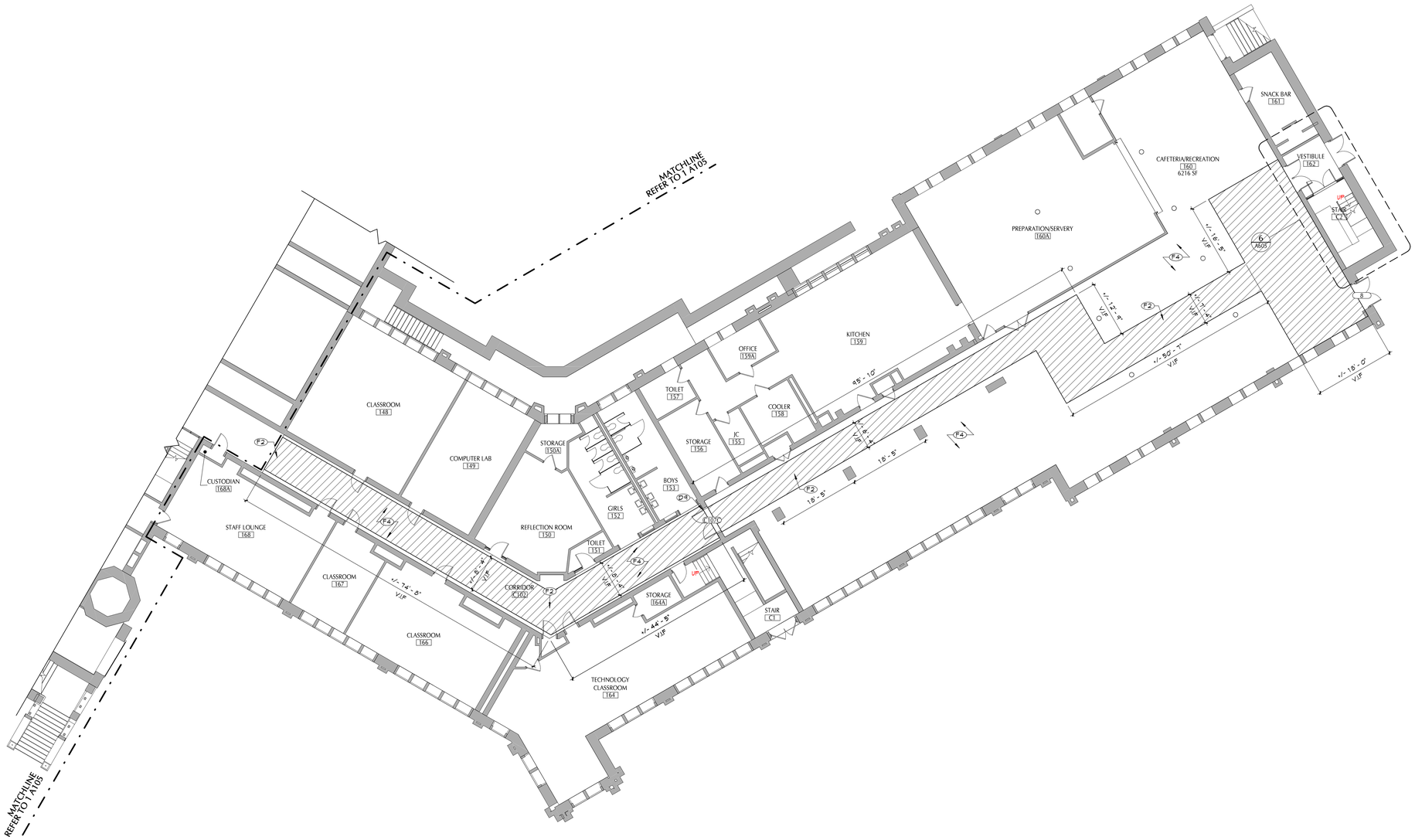


1 AREA 'C' GROUND FLOOR PLAN

A106 3/32" = 1'-0"

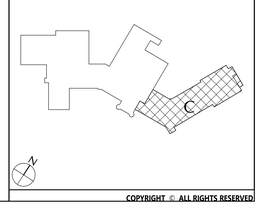
GENERAL NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO SHEET A351 FOR LOCKER ELEVATIONS, TYPES, DETAILS AND ADDITIONAL NOTES.
3. REFER TO SHEET A701 FOR PARTITION TYPES AND ADDITIONAL NOTES.
4. AT ENDS OF EXISTING MASONRY WALLS TO REMAIN, PROVIDE NEW SOLID MASONRY FOR SMOOTH FINISH

KEY NOTES

#	DESCRIPTION
D9	REINSTALL DOOR, FRAME AND HARDWARE.
F2	NEW CONCRETE SLAB, COORDINATE EXTENT WITH STRUCTRAL AND PLUMBING DRAWINGS. REFER TO ARCHITECTURAL FINISH PLANS FOR FLOOR FINISHES AND MORE INFORMATION.
F4	RESILIENT FLOORING WITH RUBBER BASE

KEY PLAN



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CITY SD OF THE CITY OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
EMERGENCY STORM PROJECT

Project Title

REGISTERED ARCHITECT
MICHAEL T. ZAMPINO
022344
STATE OF NEW YORK

No.	DATE	DESCRIPTION
1	06-08-2022	ARCHITECTRUAL SED ADDENDUM #1

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Sheet Title

AREA 'C' - PARTIAL GROUND FLOOR PLAN

Sheet No.

IEYMS
A106

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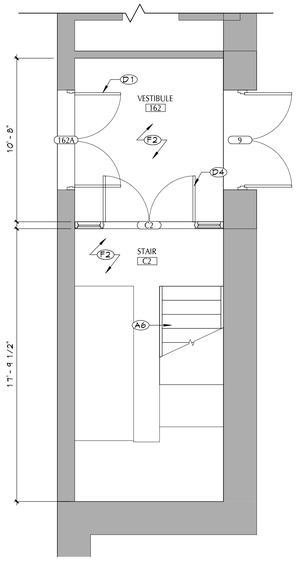
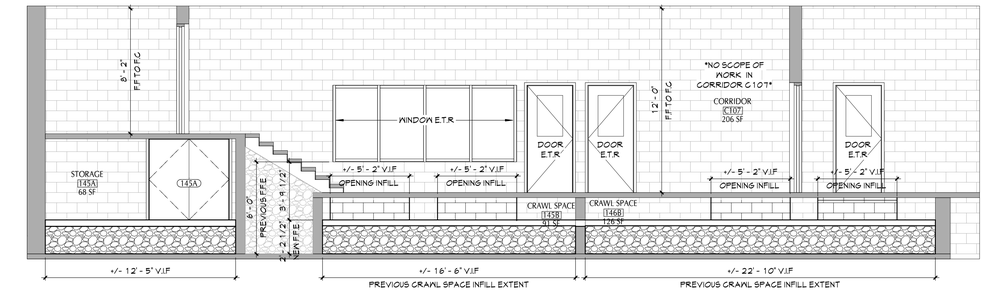
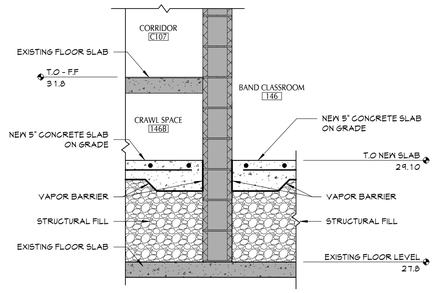


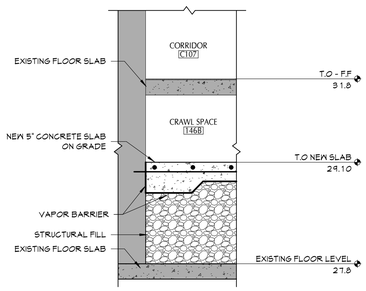
6 STAIR C2 - ENLARGED PLAN
A605 1/4" = 1'-0"



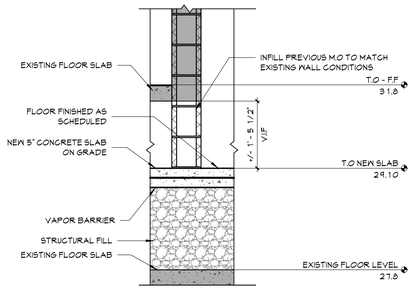
7 CORRIDOR C107 SECTION
A605 1/4" = 1'-0"



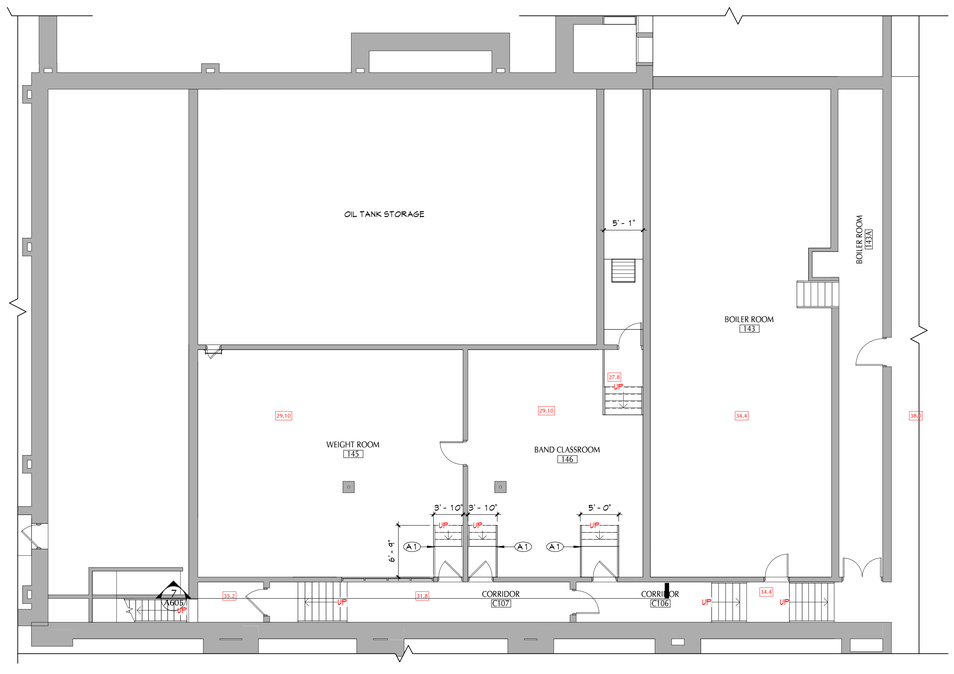
4 WALL SECTION
A605 3/4" = 1'-0"



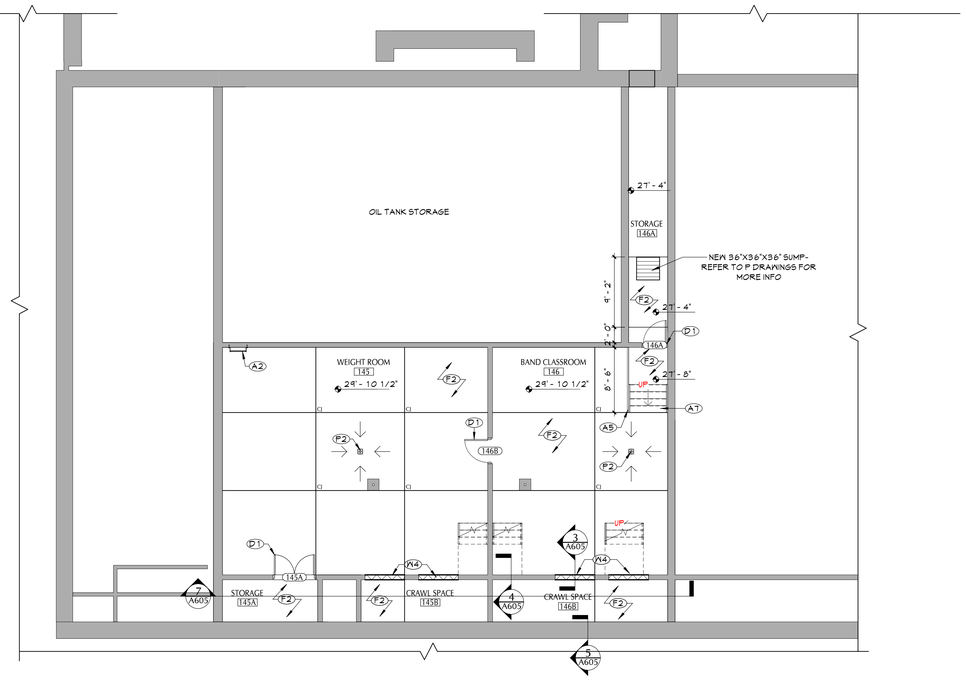
5 WALL SECTION
A605 3/4" = 1'-0"



3 WALL SECTION
A605 3/4" = 1'-0"



2 31.8 - CORRIDOR C107 FLOOR PLAN
A605 1/8" = 1'-0"

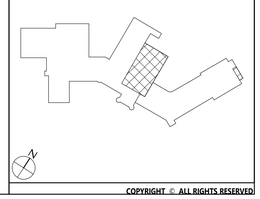


1 29.10 - WEIGHT ROOM / BAND ROOM FLOOR PLAN
A605 1/8" = 1'-0"

KEY NOTES

#	DESCRIPTION
A1	REPLACE INTERIOR STAIR AND RAILING, COORDINATE WITH NEW WORK
A2	RE-ATTACH LADDER TO SLAB
A5	PROVIDE AND ATTACH NEW HANDRAIL TO T.O SLAB
A6	PROVIDE BOTTOM +/- 3 RISERS AND RAILING SYSTEM TO EXISTING STAIR. MODIFY EXISTING HANDRAILS TO TIE INTO EXISTING SYSTEM.
A7	PROVIDE CONCRETE CAST IN PLACE STAIR. REFER TO STRUCTURAL DRAWINGS FOR MORE INFORMATION
D1	PROVIDE DOOR, FRAME AND HARDWARE
D4	PROVIDE DOOR, FRAME, HARDWARE AND FIRE RATED GLAZING
F2	NEW CONCRETE SLAB, COORDINATE EXTENT WITH STRUCTRAL AND PLUMBING DRAWINGS. REFER TO ARCHITECTURAL FINISH PLANS FOR FLOOR FINISHES AND MORE INFORMATION.
P2	NEW FLOOR DRAIN, COORDINATE WITH PLUMBING DRAWINGS.
W4	INFILL MASONRY OPENING, MATCH EXISTING WALL CONDITIONS

KEY PLAN



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CITY SD OF THE CITY OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
EMERGENCY STORM PROJECT

Project Title

REGISTERED ARCHITECT
JOSEPH M. INTERRANTE
023345
STATE OF NEW YORK

No.	DATE	DESCRIPTION
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Sheet Title
ENLARGED PLANS, SECTIONS AND DETAILS

Sheet No.
IEYMS
A605

CONSTRUCTION DOCUMENTS

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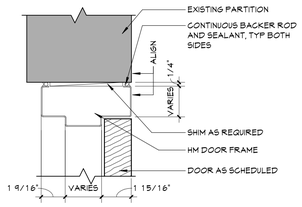
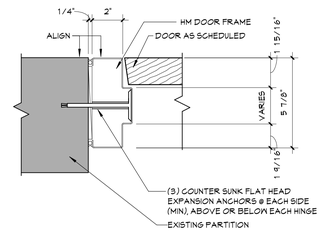
DOOR SCHEDULE ALL FLOORS

DOOR NUMBER	DOOR FROM	DOOR FROM	DOOR TO	DOOR TO	DOOR QUANTITY	DOOR Width	DOOR HEIGHT	DOOR THICKNESS	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	FRAME HEAD DETAIL	FRAME JAMB DETAIL	FRAME SILL DETAIL	LABEL (MIN)	GLAZING	HARDWARE	MAG HOLD-OPEN	ACCESS CONTROL	REMARKS	DOOR NUMBER
8	160	CAFETERIA/RECREATION		EXTERIOR	PR	6' - 0"	6' - 8"	1 3/4"	B	EXST	EXST	D	EXST	PT	4/A900	3/A900	1/A900	-	-	-		-	REINSTALL SALVAGED & PROTECTED DOOR, FRAME AND HARDWARE - PAINT FRAME	8
9	162	VESTIBULE		EXTERIOR	PR	6' - 2"	6' - 8"	1 3/4"	A	EXST	EXST	D	EXST	PT	4/A900	3/A900	1/A900	-	-	-		-	REINSTALL SALVAGED & PROTECTED DOOR, FRAME AND HARDWARE - PAINT FRAME	9
145A	145A	STORAGE	145	WEIGHT ROOM	PR	2' - 7 1/2"	5' - 3 1/2"	1 3/4"	F	WD	FF	D	HM	PT	4/A900	3/A900	2/A900	-	-	14.0	-	-		145A
146A	146	BAND CLASSROOM	146A	STORAGE	1	3' - 0"	6' - 7"	1 3/4"	F	WD	FF	D	HM	PT	4/A900	3/A900	2/A900	-	-	16.0	-	-		146A
146B	146	BAND CLASSROOM	145	WEIGHT ROOM	1	3' - 0"	7' - 0"	1 3/4"	F	WD	FF	D	HM	PT	4/A900	3/A900	2/A900	-	-	15.0	-	-		146B
162A	160	CAFETERIA/RECREATION	162	VESTIBULE	PR	3' - 0"	6' - 8"	1 3/4"	G	WD	FF	DD	HM	PT	4/A900	3/A900	2/A900	90	-	17.0	-	-		162A
C2	162	VESTIBULE	C2	STAIR	PR	3' - 0"	7' - 0"	1 3/4"	G	WD	FF	SDTS	HM	PT	4/A900	3/A900	2/A900	90		18.0	YES	-	SECURITY GLAZING	C2
C107C	C102	CORRIDOR	160	CAFETERIA/RECREATION	PR	3' - 0"	7' - 0"	1 3/4"	SR2	EXST	EXST	D2	EXST	PT	4/A900	3/A900	2/A900	20	-	-	-	-	REINSTALL SALVAGED & PROTECTED DOOR, FRAME AND HARDWARE - PAINT FRAME	C107C

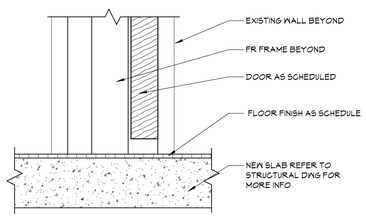
Grand total: 8



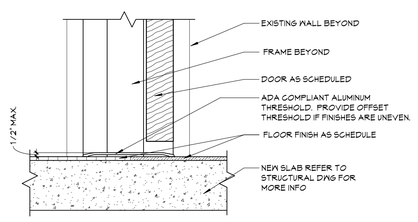
4 HEAD DETAIL
A900 3" = 1'-0"



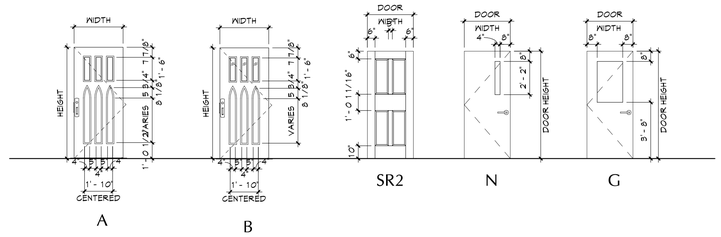
3 JAMB DETAIL
A900 3" = 1'-0"



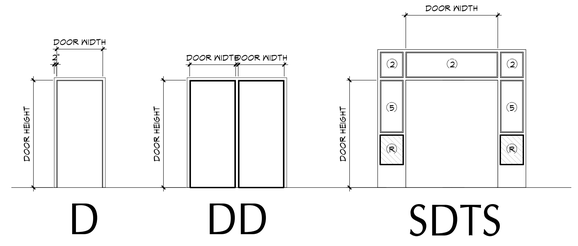
2 THRESHOLD DETAIL
A900 3" = 1'-0"



1 THRESHOLD DETAIL
A900 3" = 1'-0"



DOOR ELEVATIONS
1/4" = 1'-0"



FRAME ELEVATIONS
1/4" = 1'-0"

DOOR & FRAME GENERAL NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. DIMENSIONS ARE SHOWN FOR REFERENCE. VERIFY ALL DIMENSIONS IN FIELD.
3. REFER TO PLANS AND SCHEDULE FOR INDICATION OF EXISTING FRAMES TO REMAIN.

DOOR LITE, GLAZING & PANEL TYPES

1. INSULATED GLAZING UNIT
2. FIRE-PROTECTION-RATED GLAZING. RATING BASED ON WALL OR DOOR RATING
3. INSULATED SECURITY GLAZING UNIT
4. SECURITY GLAZING
5. FIRE-PROTECTION-RATED SECURITY GLAZING. RATING BASED ON WALL OR DOOR RATING
R. FIRE-PROTECTION-RATED PANEL. RATING BASED ON DOOR RATING

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Project Title

CITY SD OF THE CITY OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
EMERGENCY STORM PROJECT

REGISTERED ARCHITECT
DOUGLAS M. PATTERSON
023345
STATE OF NEW YORK

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Sheet Title

DOOR SCHEDULE, ELEVATIONS, AND DETAILS

Sheet No.

IEYMS
A900

CONSTRUCTION DOCUMENTS

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MATERIAL SCHEDULE

FLOOR FINISHES

LUXURY VINYL TILE	MANUFACTURER	STYLE	COLOR # / NAME	SIZE	NOTE
LVT-2	MOHAWK GROUP	MATUTO PLUS	927 - SONIC SILVER	12" x 24"	CAFETERIA, CLASSROOMS, LIBRARY
LVT-3	MOHAWK GROUP	MATUTO PLUS	353 - RED HOT	12" x 24"	CAFETERIA, LIBRARY
LVT-4	MOHAWK GROUP	MATUTO PLUS	252 - OUTRAGEOUS ORANGE	12" x 24"	CAFETERIA
LVT-5	MOHAWK GROUP	MATUTO PLUS	454 - WIZARD	12" x 24"	CAFETERIA
LVT-8	MOHAWK GROUP	MATUTO PLUS	926 - AGREEABLE GREY	12" x 24"	STORAGE ROOM, OFFICES, CORRIDOR
LVT-9	MOHAWK GROUP	MATUTO PLUS	752 - NUTSHELL	12" x 24"	CORRIDOR
LVT-10	MOHAWK GROUP	MATUTO PLUS	123 - BARELY BEIGE	12" x 24"	CORRIDOR

EPOXY FLOORING	MANUFACTURER	STYLE	COLOR # / NAME	SIZE	NOTE
EPF-1	DUR-A-FLEX	DUR-A-CHIP	SELECTED FROM MANUFACTURER'S FULL RANGE	SEAMLESS	GIRL'S BATHROOM

BASE FINISHES

EPOXY BASE	MANUFACTURER	STYLE	COLOR # / NAME	SIZE	NOTE
EPB-1	DUR-A-FLEX	DUR-A-CHIP	SELECTED FROM MANUFACTURER'S FULL RANGE	SEAMLESS	GIRL'S BATHROOM

RUBBER BASE	MANUFACTURER	STYLE	COLOR # / NAME	SIZE	NOTE
RB-1	ARMSTRONG	XXXX	SELECTED FROM MANUFACTURER'S FULL RANGE	-	CAFETERIA

WALL FINISHES

EPOXY WALL PAINT	MANUFACTURER	STYLE	COLOR # / NAME	SIZE	NOTE
EPT-1	DUR-A-FLEX	DUR-A-WALL	SELECTED FROM MANUFACTURER'S FULL RANGE	SEAMLESS	

PAINT FINISHES

PAINT	MANUFACTURER	STYLE	COLOR # / NAME	SIZE	NOTE
PNT-1	SHERWIN WILLIAMS	EGG-SHELL	SELECTED FROM MANUFACTURER'S FULL RANGE	NA	

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FINISH	BASE	CEILING	Wall Finish	REMARKS
145	WEIGHT ROOM	LVT-2	RB-1	X-	PNT-1	
145A	STORAGE	LVT-2	RB-1	X-	PNT-1	
145B	CRAWL SPACE	CONC	-	-	-	
146	BAND CLASSROOM	LVT-2	RB-1	X-	PNT-1	
146A	STORAGE	CONC	X-	X-	X-	
146B	CRAWL SPACE	CONC	-	-	-	
160	CAFETERIA/RECREATION	LVT- 2, 3, 4, 5,	RB-1	X-	X-	
162	VESTIBULE	LVT-1	RB-1	ACT-1	PNT-1	
C2	STAIR	LVT-1	RB-1	ACT-1	PNT-1	
C102	CORRIDOR	LVT-2	RB-1	X-	X-	

DISCLAIMER NOTE

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ABBREVIATIONS

AGMU	ARCHITECTURAL CONCRETE MASONRY UNIT
ACT	ACOUSTICAL CEILING TILE
APC	ACOUSTICAL PANEL CEILING
BRK	BRICK
CBB	CEMENT BACKER BOARD
CFT	CERAMIC FLOOR TILE
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CPT	CARPET
CTB	CERAMIC TILE BASE
CWT	CERAMIC WALL TILE
EPB	EPOXY WALL BASE
EPF	EPOXY FLOORING
EPT	EPOXY PAINT
ETR	EXISTING TO REMAIN
EXP	EXPOSED
EXT	EXISTING
FAC/FF	FACTORY FINISH
FBP	FIBERBOARD PANEL
FRT	FIRE RETARDENT TREATED MATERIAL
GWB	GYPSUM WALL BOARD
LVT	LUXURY VINYL TILE
PCON	POLISHED CONCRETE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLYWD	PLYWOOD
PNT	PAINT
QT	QUARRY TILE
QTB	QUARRY TILE BASE
RB	RUBBER BASE
RS	RUBBER SHEET FLOORING
RSF	RUBBER SPORTS FLOORING
RST	RUBBER STAIR TREAD / LANDING
RT	RUBBER TILE FLOORING
SCF	SPECIAL CONCRETE FINISH
STL	STEEL
STU	STUCCO
TERR	TERRAZZO
TP	TOILET PARTITIONS
TYP	TYPICAL
VCB	VENTED COVE BASE
VCT	VINYL COMPOSITION TILE
VCTAS	VINYL COMPOSITION TILE ANTI-STATIC
VPLAS	VENEER PLASTER
VSF	VINYL SHEET FLOORING
WD	WOOD
WM	WALK-OFF MAT
WT	WOOD TRIM
WV	WOOD VENEER
X-	EXISTING

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EMERGENCY STORM PROJECT

Project Title

REGISTERED ARCHITECT
JOSEPH M. PETRONELLI
023344
STATE OF NEW YORK

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Sheet Title

MATERIAL AND FINISH SCHEDULES

Sheet No.

IEYMS AF001

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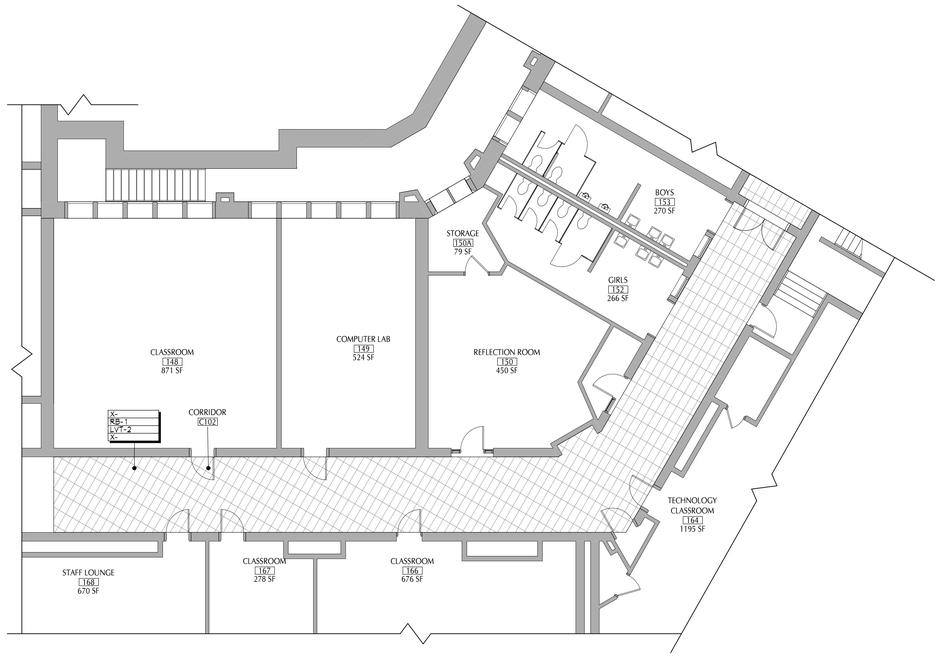
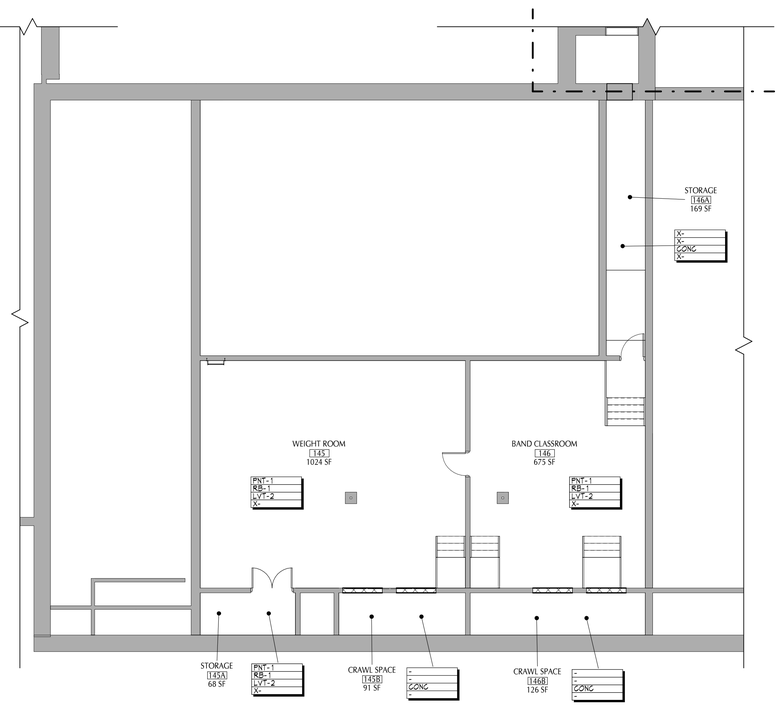
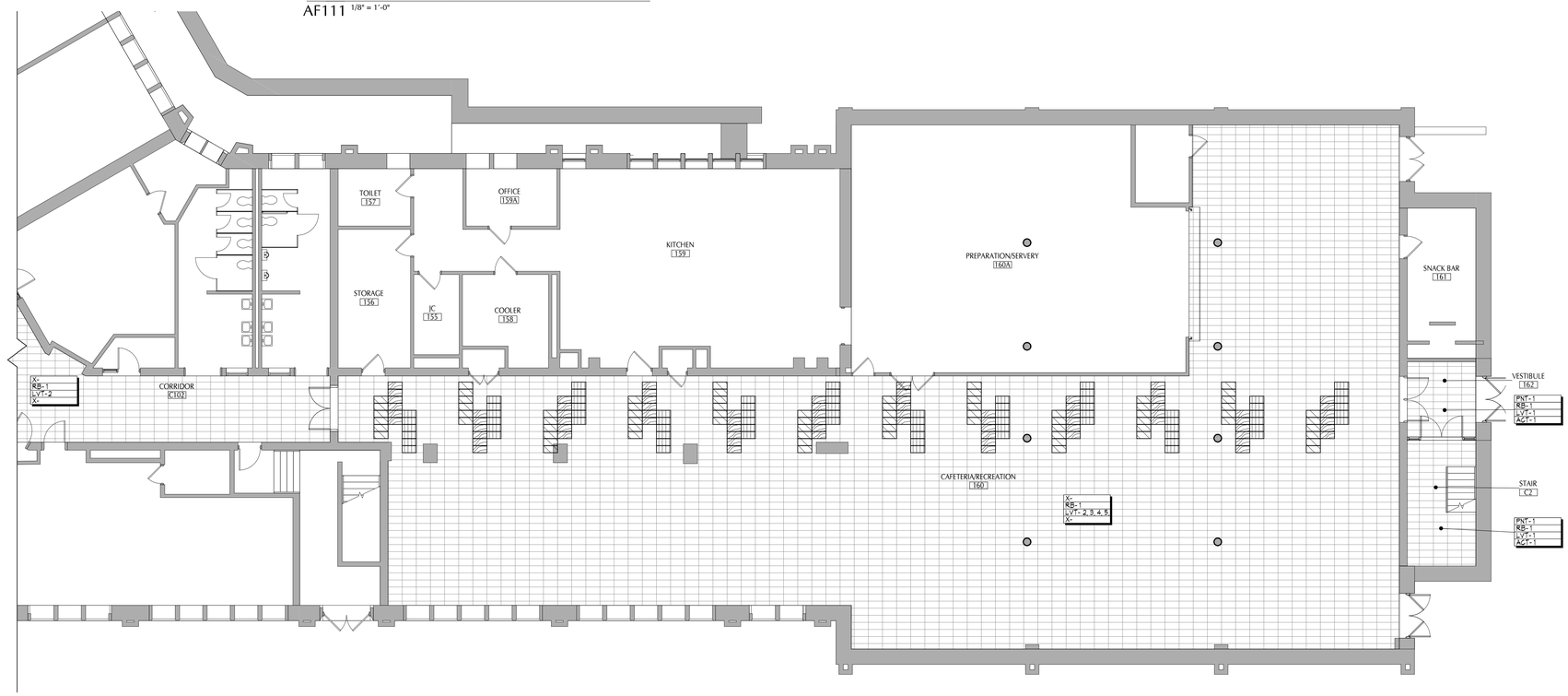


3 CORRIDOR C102 FINISH PLAN
AF111 1/8" = 1'-0"



2 WEIGHT ROOM / BAND ROOM FINISH PLAN
AF111 1/8" = 1'-0"



1 CAFETERIA FINISH PLAN
AF111 1/8" = 1'-0"

0' 4' 16'
2' 8'

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CONC	CONCRETE
CPT	CARPET
CTB	CERAMIC TILE BASE
CWT	CERAMIC WALL TILE
EPB	EPOXY WALL BASE
EPF	EPOXY FLOORING
EPT	EPOXY PAINT
ETR	EXISTING TO REMAIN
EXP	EXPOSED
EXT	EXISTING
FAC/FF	FACTORY FINISH
FBP	FIBERBOARD PANEL
FRT	FIRE RETARDENT TREATED MATERIAL
GWB	GYPSUM WALL BOARD
LVT	LUXURY VINYL TILE
PCON	POLISHED CONCRETE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLYWD	PLYWOOD
PNT	PAINT
QT	QUARRY TILE
QTB	QUARRY TILE BASE
RB	RUBBER BASE
RS	RUBBER SHEET FLOORING
RSF	RUBBER SPORTS FLOORING
RST	RUBBER STAIR TREAD / LANDING
RT	RUBBER TILE FLOORING
SCF	SPECIAL CONCRETE FINISH
STL	STEEL
STU	STUCCO
TERR	TERRAZZO
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VCB	VENTED COVE BASE
VCT	VINYL COMPOSITION TILE
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VPLAS	VENEER PLASTER
VSF	VINYL SHEET FLOORING
WOOD	WOOD
WM	WALK-OFF MAT
WT	WOOD TRIM
WV	WOOD VENEER
X-	EXISTING

FLOOR PATTERN KEY

- LVT-1
- LVT-2
- LVT-3
- LVT-4
- LVT-5
- LVT-6
- LVT-7
- LVT-8
- LVT-9
- LVT-10

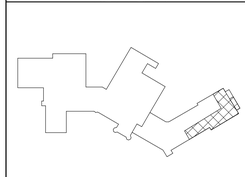
ROOM FINISH NOTES

WALL FINISH
BASE FINISH
FLOOR FINISH
CEILING FINISH

- TYP. ROOM WALL PAINT
- TYP. ROOM WALL BASE
- TYP. ROOM FLOOR FINISH
- TYP. ROOM CEILING FINISH

NOTE:
REFER TO MATERIAL AND FINISH SCHEDULES ON AF001 FOR ADDITIONAL MATERIAL AND FINISH INFORMATION

KEY PLAN



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Project Title

CITY SD OF THE CITY OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
EMERGENCY STORM PROJECT

REGISTERED ARCHITECT
JOSEPH M. INTERRANTE
022344
STATE OF NEW YORK

#	DATE	DESCRIPTION

Drawn By:	NS
Checked By:	MZ
Proj. #:	66-11-00-01-0-003-017
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Sheet Title

GROUND FLOOR FINISH PLANS

Sheet No.

IEYMS
AF111

CONSTRUCTION DOCUMENTS

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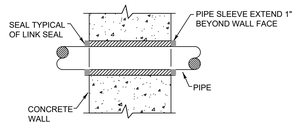
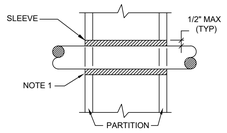


1 PG001 **Exterior Wall Pipe Penetrations**

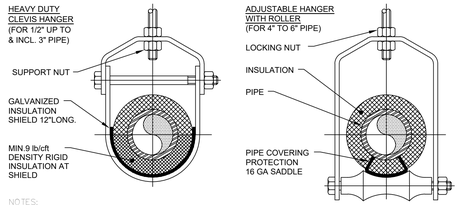
N.T.S.



NOTES:
1. AT FIRE RATED PARTITIONS, ADD ADDITIONAL LAYER OF FIRE SAFING INSULATION AROUND PENETRATION SO AS TO FILL CAVITY.
2. DUCT AND PIPE PENETRATIONS THRU CORRIDOR WALLS ABOVE THE CEILING ARE TO BE FIRE STOPPED AROUND THE PENETRATION.

2 PG001 **Pipe Penetrations Detail**

N.T.S.

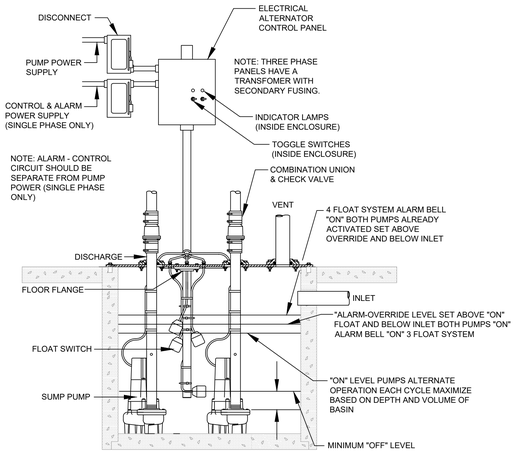


NOTES:
1. PIPE 8" AND LARGER SHALL HAVE ROLLER SUPPORTED WITH DUAL RODS.
2. FOR CHW SERVICE OVER 3" REPLACE SADDLE WITH 12" LONG 14 GA SHIELD WITH RIGID INSULATION BETWEEN PIPE AND SHIELD.

PIPE Ø (IN.)	MAX. SPACING BETWEEN HANGERS (FT.)			MIN. ROD SIZE (IN.)
	STEEL PIPE	COPPER PIPE	CPVC	
1/2 THRU 1	7	5	5	3/8
1-1/2 THRU 2	9	8	6	3/8
2-1/2	11	9	7.5	1/2
3	12	10	7.5	1/2
4	14	12	8.5	5/8
6	17	14	9	3/4
8	19	16	10	7/8
10	22	18	10.5	7/8

3 PG001 **Pipe Hanger Support**

N.T.S.



4 PG001 **Duplex Sump Pump Detail**

N.T.S.

Plumbing Fixture Schedule

FIXTURE MARK	DESCRIPTION	PIPING CONNECTION				WATER SUPPLY FIXTURE UNITS	DRAINAGE FIXTURE UNITS	ADA (Y/N)	ELECTRONIC CONTROL (Y/N)	MANUFACTURER/MODEL (OR ACCEPTABLE EQUAL)	REMARKS
		H.W.	C.W.	WASTE	VENT						
1	FLOOR DRAIN	-	-	4	2	-	2	-	-	4"Ø FLOOR DRAIN W/ 6" STRAINER TYPICAL OF ZURN MODEL #Z415-BZ1-TSP; FURNISH WITH TRAP SEAL DEVICE	INSTALL PER MANUFACTURER'S REQUIREMENTS
2	HIGH TEMPERATURE SUMP PUMP	-	-	-	2	-	-	-	-	HIGH TEMPERATURE SUBMERSIBLE PUMP TYPICAL OF ZOELLER MODEL 3161; 1/2 HP, 230V, 1ϕ; PROVIDE W/ ZOELLER ALTERNATOR DUPLEX CONTROLLER	INSTALL PUMPS IN 36"x36"x36" CONCRETE SUMP; PROVIDE SOLID GASKETED SUMP LID; PROVIDE CONTROL PANEL & FLOATS

Plumbing Legend:

	DOMESTIC COLD WATER SUPPLY
	110 °F DOMESTIC HOT WATER SUPPLY
	140 °F DOMESTIC HOT WATER SUPPLY
	HOT WATER RETURN
	SANITARY SEWER, ABOVE GRADE
	SANITARY SEWER, BELOW GRADE
GV GV	GREASE WASTE, BELOW GRADE
	PLUMBING VENT
	STORM WATER, ABOVE GRADE
	STORM WATER, BELOW GRADE
NG NG	NATURAL GAS PIPING
	DIRECTION OF PIPE SLOPE (DOWN)
	CONCENTRIC REDUCER OR INCREASER
	ECCENTRIC REDUCER
	TOP CONNECTION, 45° OR 90°
	BOTTOM CONNECTION, 45° OR 90°
	SIDE CONNECTION
	CAPPED OUTLET
	RISE OR DROP IN PIPE
	UNION
	PIPE UP
	PIPE DOWN
	POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
	STRAINER
	HOSE BIB
	SOLENOID VALVE
	GATE VALVE
	GLOBE VALVE
	CHECK VALVE
	BUTTERFLY VALVE
	FULL PORT BALL VALVE
	PRESSURE GAUGE
	PRESSURE REDUCING VALVE (PRV)
	DRAIN VALVE
	FLEXIBLE PIPING CONNECTION
C.O.	CLEANOUT
W.C.O.	WALL CLEANOUT
F.C.O.	FLOOR CLEANOUT
C.O.T.G.	CLEANOUT TO GRADE
D.C.O.T.G.	DOUBLE CLEANOUT TO GRADE
P-X	PLUMBING FIXTURE MARK

Plumbing Notes:

1. ALL MATERIALS AND EQUIPMENT ARE TO BE NEW, UNUSED, AND FREE FROM DEFECTS OF ANY KIND. THE BASIS OF QUALITY SHALL BE THE LATEST REVISION OF ASTM, ANSI, OR OTHER ACCEPTABLE STANDARDS.
2. THESE DRAWINGS ARE DIAGRAMMATIC, AND INDICATE GENERAL ARRANGEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO HAVE REVIEWED THE SITE FOR HIS WORK PRIOR TO HAVING SUBMITTED HIS PROPOSAL. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CONDITIONS FOUND DURING THE COURSE OF THE CONTRACT.
3. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF ALL OTHER TRADES.
4. ALL CUTTING, PATCHING, FIRE-STOPPING, AND SURFACE RESTORATION IN CONNECTION WITH THIS TRADE SHALL BE COMPLETED BY THIS CONTRACTOR.
5. THIS CONTRACTOR SHALL PAY ALL FEES, GIVE ALL NOTICES, FILE ALL NECESSARY DRAWINGS, AND OBTAIN ALL PERMITS, INSPECTIONS AND CERTIFICATES OF APPROVAL REQUIRED IN CONNECTION WITH WORK UNDER THIS CONTRACT.
6. ALL WORK IN ASSOCIATION WITH THIS CONTRACT SHALL BE COMPLETED IN STRICT COMPLIANCE WITH THE 2020 BUILDING CODE OF NEW YORK STATE, 2020 PLUMBING CODE OF NEW YORK STATE, 2020 FUEL GAS CODE OF NEW YORK STATE & 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.
7. WHERE THE PROJECT INVOLVES A GAS SERVICE, THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION, APPLICATIONS AND FEES OF ALL WORK ASSOCIATED WITH THE LOCAL GAS UTILITY COMPANY. ALL WORK INVOLVING THE GAS UTILITY COMPANY SHALL BE COMPLETED IN ACCORDANCE WITH THEIR REGULATIONS AND GUIDELINES.
8. ALL DOMESTIC COLD AND HOT WATER PIPING AND FITTINGS ARE TO BE INSULATED WITH 1" THICK RIGID ONE-PIECE MOLDED SECTIONAL FIBERGLASS PIPE COVERING WITH UNIVERSAL JACKET. ALL JOINTS ARE TO BE COMPLETELY SEALED A MINIMUM OF 6" BEYOND JOINT ENDS.
9. ALL PIPING SHALL BE PROPERLY SUPPORTED AND ROUTED PARALLEL OR PERPENDICULAR TO BUILDING WALLS. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL SUPPORT HANGERS AND MISCELLANEOUS METALS REQUIRED FOR PROPER INSTALLATION OF WORK.
10. ALL EXPOSED PIPING, FITTINGS, TRAPS, ESCUTCHEONS, VALVES, ETC. SHALL BE CHROME PLATED.
11. SLOPE SANITARY DRAINAGE PIPING 2" DIAMETER AND SMALLER NOT LESS THAN 1/4" PER FOOT. SLOPE SANITARY DRAINAGE PIPING OVER 2" DIAMETER NOT LESS THAN 1/8" PER FOOT.
12. INSTALL A CLEANOUT AT THE BASE OF EACH SOIL STACK, AT EACH CHANGE IN DIRECTION, AT INTERVALS NOT OVER 50 FEET AND ELSEWHERE AS SHOWN ON DRAWINGS OR REQUIRED BY CODE.
13. PROVIDE EXPOSED PIPING WITH CHROME PLATED CAST BRASS ESCUTCHEON WITH SET SCREW WHERE PENETRATING FLOORS, CEILINGS, WALLS OR PARTITIONS.
14. TEST PIPING AND PROVE TIGHT FOR AT LEAST TWO HOURS IN ACCORDANCE WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION AND/OR AS SPECIFIED. TEST SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER AND LOCAL INSPECTOR. TEST SHALL BE REPEATED IF NECESSARY UNTIL FINAL APPROVAL OF SYSTEM IS OBTAINED.
    - 14.1. WATER & GAS PIPING TO BE AIR-PRESSURE TESTED TO 1-1/2 TIMES MAXIMUM WORKING PRESSURE.
    - 14.2. DRAINAGE, WASTE & VENT PIPING TO BE TESTED BY FILLING THE SYSTEM WITH WATER TO 10-FEET ABOVE HIGHEST POINT.
15. SUPPORT HORIZONTAL PIPING UTILIZING A SPACING PER PIPING MANUFACTURER'S REQUIREMENTS.
16. INSTALL VALVES ON THE ENTIRE DISTRIBUTION SYSTEM, SO LOCATED AS TO GIVE COMPLETE CONTROL TO ALL FIXTURES AND EQUIPMENT.
17. INSTALL DRAIN VALVES AT BASE OF ALL RISERS AND AT LOW POINTS OF PIPING SYSTEM.
18. THE CONTRACTOR IS RESPONSIBLE TO TEST ALL EQUIPMENT, PIPING, FIXTURES, AND SYSTEMS INSTALLED UNDER THIS CONTRACT TO ENSURE PROPER OPERATION PRIOR TO FINAL ACCEPTANCE BY THE OWNER AND ENGINEER.
19. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE WHETHER SPECIAL LICENSING IS REQUIRED IN ORDER TO PERFORM THE REQUIRED WORK IN THE MUNICIPALITY WHERE THE PROJECT IS LOCATED. IF THE CONTRACTOR CANNOT OBTAIN THE REQUIRED LICENSING TO COMPLETE THE WORK WITHIN THE PROJECT SCHEDULE, THEN THE CONTRACTOR SHALL NOT BE PERMITTED TO BID ON THIS PROJECT.
20. CONTRACTOR IS RESPONSIBLE TO CREATE AND SUBMIT RED-LINE "AS-BUILT" PLANS TO THE ENGINEER AT THE END OF THE PROJECT. AS-BUILT PLANS SHALL ACCURATELY REPRESENT THE SYSTEMS AS THEY WERE INSTALLED.

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Project Title

CITY SD OF THE CITY OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
EMERGENCY STORM PROJECT

STATE OF NEW YORK · MATTHEW GEORGE BLAKE · LICENSED PROFESSIONAL ENGINEER · 095079

	DATE	DESCRIPTION

Drawn By:	BJK
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Proj. #:	66-11-00-01-0-003-017
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Issued for Bid:	06-17-2022

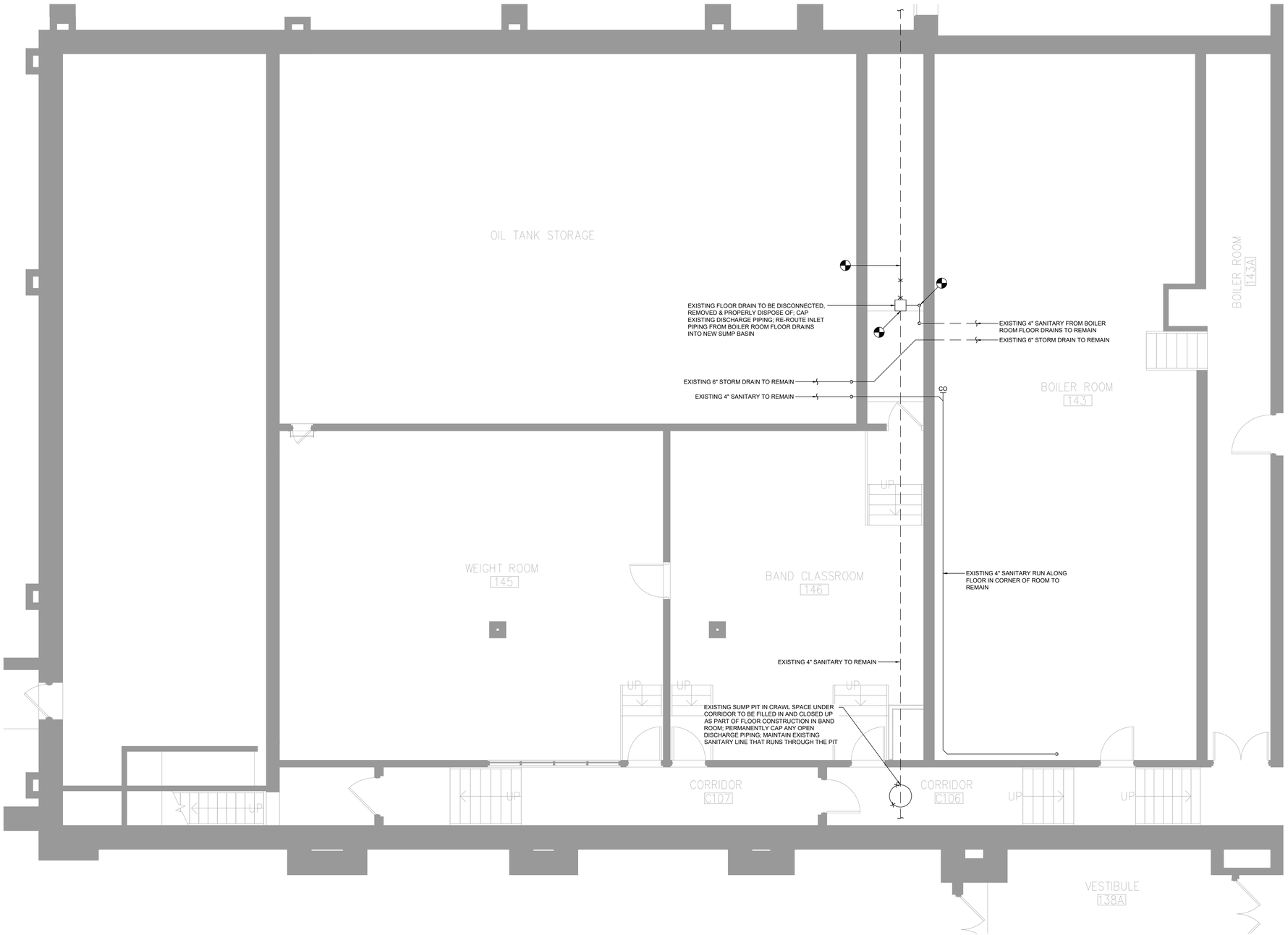
Sheet Title

PLUMBING NOTES, SCHEDULE, LEGEND & DETAILS

Sheet No.

IEYMS PG001

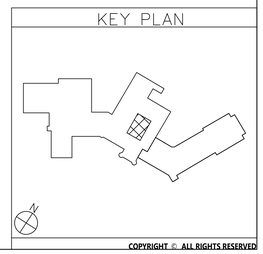
CONSTRUCTION DOCUMENTS



1 / PD101 Weight & Band Room Plumbing Demolition Plan

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

KEY PLAN



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MEP/FP CONSULTING & ENGINEERING

CITY SD OF THE CITY OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
EMERGENCY STORM PROJECT

Project Title

STATE OF NEW YORK MATTHEW GEORGE BLAKE 089039 LICENSED PROFESSIONAL ENGINEER

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Sheet Title

WEIGHT & BAND ROOM PLUMBING DEMO PLAN

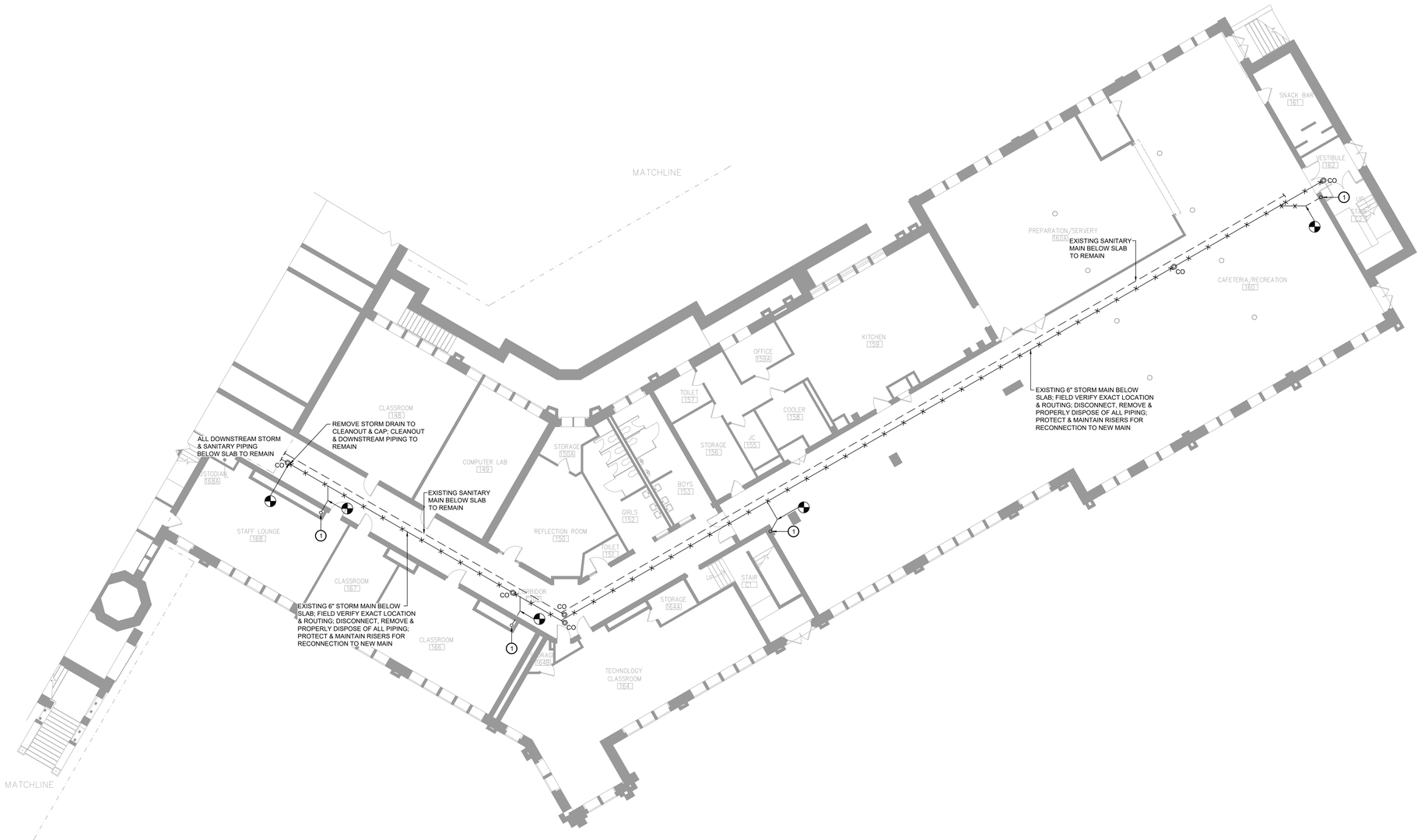
Sheet No.

IEYMS PD101

CONSTRUCTION DOCUMENTS

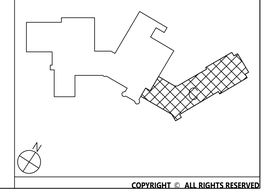
Key Notes:

1. APPROXIMATE LOCATION OF EXISTING STORM DRAIN RISER DN. FROM ABOVE; FIELD VERIFY EXACT LOCATION & SIZE OF EXISTING PIPING; REMOVE EXISTING PIPING FROM UNDERSLAB STORM MAIN TO AN ACCESSIBLE LOCATION NEAR WHERE THE RISER DROPS BELOW THE SLAB; TEMPORARILY CAP & MAINTAIN RISER FOR RECONNECTION TO NEW MAIN



1 PD102 Area C - Ground Floor Plumbing Demo Plan
Scale: 3/32" = 1'-0"

KEY PLAN



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Project Title
CITY SD OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
EMERGENCY STORM PROJECT

STATE OF NEW YORK MATTHEW GEORGE BLAKE 090683 LICENSED PROFESSIONAL ENGINEER

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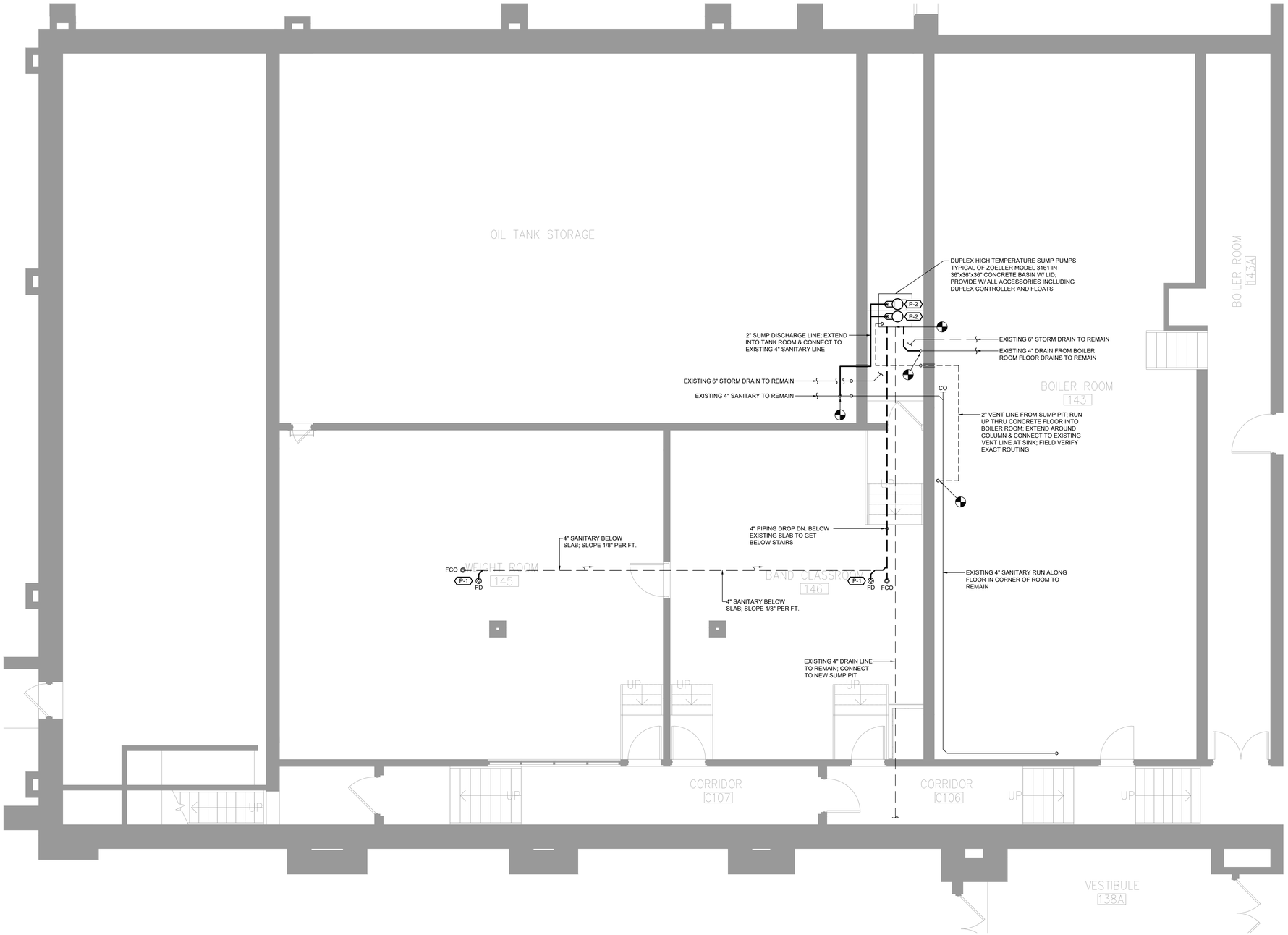
Sheet Title
AREA C GROUND FLOOR PLUMBING DEMO PLAN

Sheet No.
IEYMS PD102

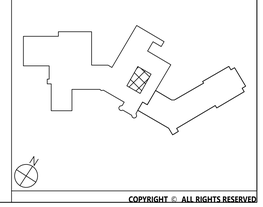
CONSTRUCTION DOCUMENTS



1 / P101 Weight & Band Room Plumbing Plan

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

KEY PLAN



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Project Title

CITY SD OF THE CITY OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
EMERGENCY STORM PROJECT

STATE OF NEW YORK MATTHEW GEORGE BLAKE 089039 LICENSED PROFESSIONAL ENGINEER

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Sheet Title

WEIGHT & BAND ROOM PLUMBING PLAN

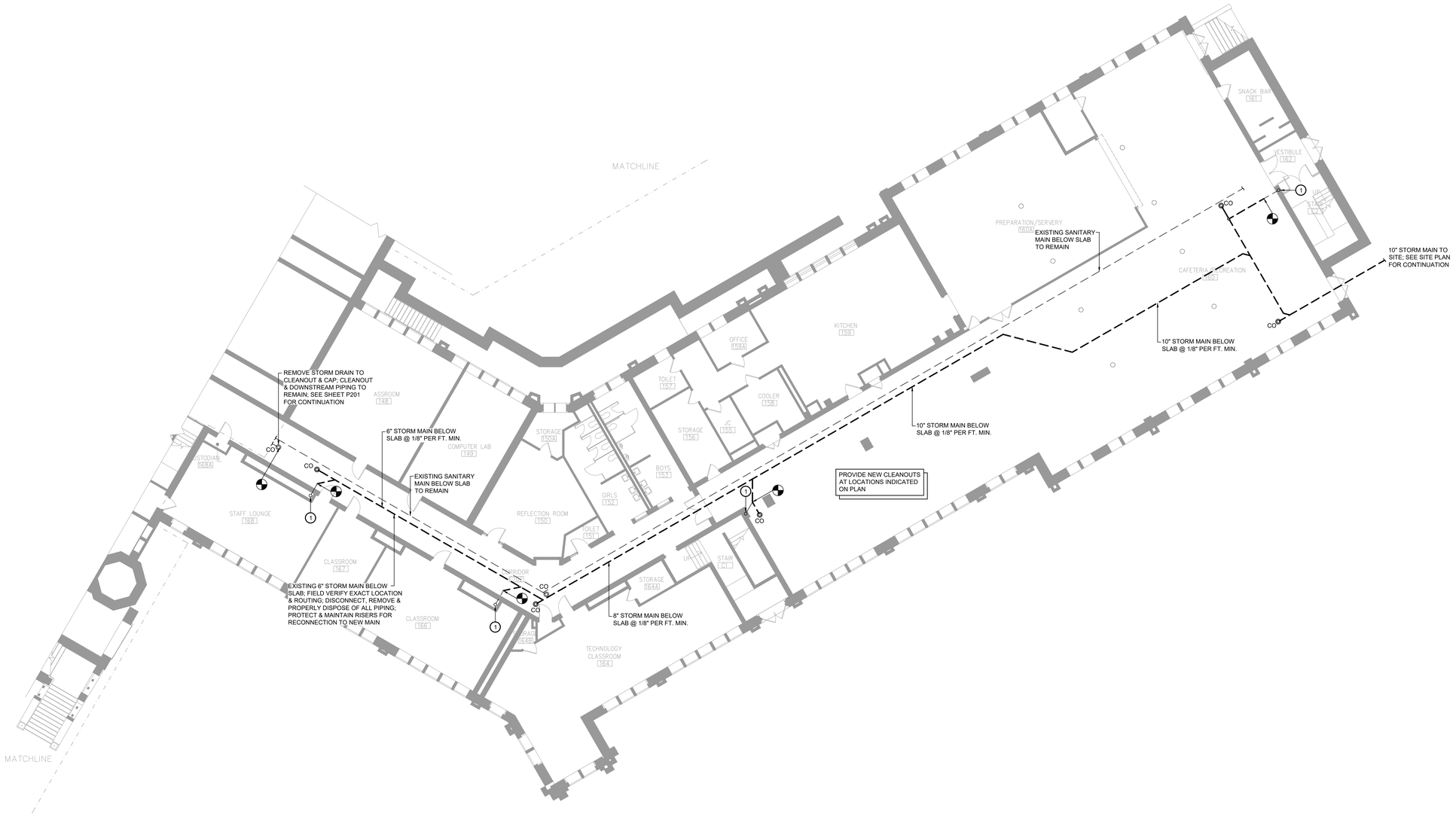
Sheet No.

IEYMS P101

CONSTRUCTION DOCUMENTS

Key Notes:

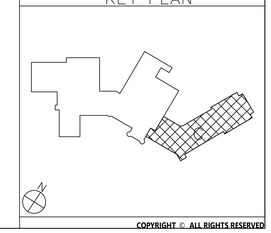
1. APPROXIMATE LOCATION OF EXISTING STORM DRAIN RISER DN. FROM ABOVE; FIELD VERIFY EXACT LOCATION & SIZE OF EXISTING PIPING; EXTEND PIPING FROM EXISTING RISER TO NEW STORM MAIN; ADJUST PIPING ELEVATION AS NEEDED TO ACHIEVE THE REQUIRED PITCH IN THE MAIN



1 / P102 Area C - Ground Floor Plumbing Plan

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

KEY PLAN



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Project Title

CITY SD OF THE CITY OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
EMERGENCY STORM PROJECT

STATE OF NEW YORK · MATTHEW GEORGE BLAKE · 075037 · LICENSED PROFESSIONAL ENGINEER

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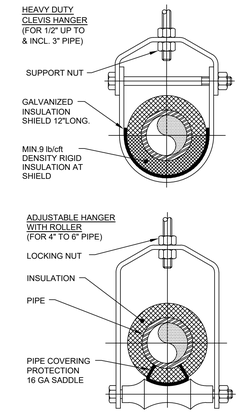
Sheet Title

AREA C GROUND FLOOR PLUMBING PLAN

Sheet No.

IEYMS P102

CONSTRUCTION DOCUMENTS



NOTES:
1. PIPE 8" AND LARGER SHALL HAVE ROLLER SUPPORTED WITH DUAL RODS.
2. FOR CHW SERVICE OVER 3" REPLACE SADDLE WITH 12" LONG 14 GA SHIELD WITH RIGID INSULATION BETWEEN PIPE AND SHIELD.

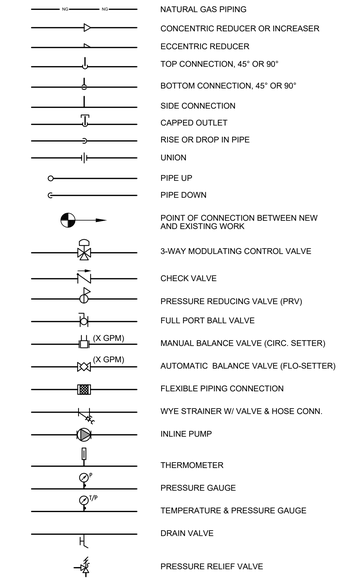
PIPE Ø (IN.)	MAX. SPACING BETWEEN HANGERS (FT.)			MIN. ROD SIZE (IN.)
	STEEL PIPE	COPPER PIPE	CPVC	
1/2 THRU 1	7	5	5	3/8
1-1/2 THRU 2	9	8	6	3/8
2-1/2	11	9	7.5	1/2
3	12	10	7.5	1/2
4	14	12	8.5	5/8
6	17	14	9	3/4
8	19	16	10	7/8
10	22	18	10.5	7/8

1 MG001 **Pipe Hanger Support**
N.T.S.

NOTES:
1. AT FIRE RATED PARTITIONS, ADD ADDITIONAL LAYER OF FIRE SAFING INSULATION AROUND PENETRATION SO AS TO FILL CAVITY.
2. DUCT AND PIPE PENETRATIONS THRU CORRIDOR WALLS ABOVE THE CEILING ARE TO BE FIRE STOPPED AROUND THE PENETRATION.

2 MG001 **Pipe Penetrations Detail**
N.T.S.

Mechanical Legend :



NATURAL GAS PIPING
CONCENTRIC REDUCER OR INCREASER
ECCENTRIC REDUCER
TOP CONNECTION, 45° OR 90°
BOTTOM CONNECTION, 45° OR 90°
SIDE CONNECTION
CAPPED OUTLET
RISE OR DROP IN PIPE
UNION
PIPE UP
PIPE DOWN
POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
3-WAY MODULATING CONTROL VALVE
CHECK VALVE
PRESSURE REDUCING VALVE (PRV)
FULL PORT BALL VALVE
MANUAL BALANCE VALVE (CIRC. SETTER)
AUTOMATIC BALANCE VALVE (FLO-SETTER)
FLEXIBLE PIPING CONNECTION
WYE STRAINER W/ VALVE & HOSE CONN.
INLINE PUMP
THERMOMETER
PRESSURE GAUGE
TEMPERATURE & PRESSURE GAUGE
DRAIN VALVE
PRESSURE RELIEF VALVE

Mechanical Notes:

1. ALL MATERIALS AND EQUIPMENT ARE TO BE NEW, UNUSED, AND FREE FROM DEFECTS OF ANY KIND. THE BASIS OF QUALITY SHALL BE THE LATEST REVISION OF ASTM, ANSI, OR OTHER ACCEPTABLE STANDARDS.
2. THESE DRAWINGS ARE DIAGRAMMATIC, AND INDICATE GENERAL ARRANGEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO HAVE REVIEWED THE SITE FOR HIS WORK PRIOR TO HAVING SUBMITTED HIS PROPOSAL. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CONDITIONS FOUND DURING THE COURSE OF THE CONTRACT.
3. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF ALL OTHER TRADES.
4. ALL WORK INCLUDING LABOR AND MATERIALS SHALL BE FULLY GUARANTEED FOR ONE (1) YEAR FROM THE DATE OF PAYMENT AND FINAL ACCEPTANCE BY THE OWNER AND ENGINEER.
5. ALL CUTTING, PATCHING, FIRE-STOPPING, AND SURFACE RESTORATION IN CONNECTION WITH THIS TRADE SHALL BE COMPLETED BY THIS CONTRACTOR.
6. A MINIMUM OF FOUR (4) COPIES OF SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO ORDERING AND INSTALLATION OF THE EQUIPMENT AND/OR MATERIALS. BY SUBMITTING SHOP DRAWINGS, THE CONTRACTOR REPRESENTS THAT ACTUAL FIELD CONDITIONS ARE VERIFIED BY HIM AND ARE REFLECTED ON HIS SUBMITTALS.
7. THIS CONTRACTOR SHALL PAY ALL FEES, GIVE ALL NOTICES, FILE ALL NECESSARY DRAWINGS, AND OBTAIN ALL PERMITS, INSPECTIONS AND CERTIFICATES OF APPROVAL REQUIRED IN CONNECTION WITH WORK UNDER THIS CONTRACT.
8. ALL WORK IN ASSOCIATION WITH THIS CONTRACT SHALL BE COMPLETED IN STRICT COMPLIANCE WITH THE 2020 BUILDING CODE OF NEW YORK STATE, 2020 MECHANICAL CODE OF NEW YORK STATE & 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.
9. ALL HYDRONIC HOT WATER PIPING AND FITTINGS ARE TO BE INSULATED WITH A MINIMUM OF R-3 INSULATION. ALL JOINTS ARE TO BE COMPLETELY SEALED A MINIMUM OF 6" BEYOND JOINT ENDS.
10. ALL PIPING SHALL BE PROPERLY SUPPORTED AND ROUTED PARALLEL OR PERPENDICULAR TO BUILDING WALLS. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL SUPPORT HANGERS AND MISCELLANEOUS METALS REQUIRED FOR PROPER INSTALLATION OF WORK.
11. ALL PIPING SHALL BE PITCHED SUCH THAT AIR IN THE SYSTEM CAN BE VENTED THROUGH MANUAL AIR VENTS.
12. TEST PIPING AND PROVE TIGHT FOR AT LEAST TWO HOURS TO TWICE THE SYSTEM WORKING PRESSURE. TEST SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER AND LOCAL INSPECTOR. TEST SHALL BE REPEATED IF NECESSARY UNTIL FINAL APPROVAL OF SYSTEM IS OBTAINED.
13. SUPPORT HORIZONTAL PIPING UTILIZING A SPACING PER PIPING MANUFACTURER'S REQUIREMENTS.
14. INSTALL VALVES ON THE ENTIRE DISTRIBUTION SYSTEM, SO LOCATED AS TO GIVE COMPLETE CONTROL TO ALL FIXTURES AND EQUIPMENT.
15. INSTALL DRAIN VALVES AT BASE OF ALL RISERS AND AT LOW POINTS OF PIPING SYSTEM. INSTALL MANUAL AIR VENT VALVE FACILITIES AT THE TOP OF ALL RISERS AND AT HIGH POINTS OF THE PIPING SYSTEM.
16. INSTALL ALL HYDRONIC PIPING AS HIGH AS POSSIBLE PROVIDING RISERS, DROPS AND OFFSETS TO CLEAR STRUCTURAL MEMBERS, LIGHT FIXTURES, OTHER PIPING, AND OTHER OBSTRUCTIONS. WHERE CONFLICTS ARISE, IT SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO PROCEEDING.
17. THE ENTIRE HYDRONIC SYSTEM IS TO BE BALANCED TO WITHIN 10% OF THE SPECIFIED WATER FLOWRATE REQUIREMENTS. A CERTIFIED BALANCING REPORT AND VERIFICATION IS TO BE SUBMITTED TO THE ENGINEER PRIOR TO FINAL ACCEPTANCE.
18. ALL DUCTWORK IS TO BE CONSTRUCTED OF GALVANIZED SHEET STEEL (EXCEPT WHERE OTHERWISE SPECIFIED) WITH GAUGES, BRACING AND CONSTRUCTION IN ACCORDANCE WITH THE LATEST SMACNA DUCT MANUAL STANDARDS AND ALL OTHER AUTHORITIES HAVING JURISDICTION.
19. PROVIDE MANUAL DAMPERS AT EACH SPLIT OR TAP CONNECTION TO TRUNK DUCTS FOR BALANCING PURPOSES WHETHER OR NOT SPECIFICALLY SHOWN ON DRAWINGS. EACH DAMPER SHALL BE OF THE OPPOSED BLADE DAMPER TYPE INSTALLED WITH AN OPERATOR AND LOCKING DEVICE. ALL DAMPERS LOCATED ABOVE HARD OR INACCESSIBLE CEILINGS SHALL BE INSTALLED WITH REMOTE GEAR OPERATORS.
20. FURNISH & INSTALL FUSIBLE LINK FIRE DAMPERS AT ALL LOCATIONS WHERE DUCT PENETRATES FIRE-RATED FLOOR OR CEILING ASSEMBLY WHETHER OR NOT SPECIFICALLY SHOWN. INSTALL DUCTWORK CASING ACCESS DOORS AND FRAMES AHEAD OF EACH FIRE DAMPER FOR INSPECTION AND MAINTENANCE. DOORS SHALL BE A MINIMUM OF 20 GA. DOUBLE PANEL INSULATED TYPE.
21. INSTALL TURNING VANES ON ALL RECTANGULAR TURNS. TURNING VANES SHALL BE DOUBLE THICKNESS TYPE CONSTRUCTED IN ACCORDANCE WITH SMACNA MANUAL.
22. ROUND SHEET STEEL ELBOWS ARE TO BE INSTALLED AT THE DUCT CONNECTION TO ALL SUPPLY AIR DIFFUSERS. SHEET STEEL PLENUM BOXES ARE TO BE INSTALLED AT THE DUCT CONNECTION TO ALL RETURN AND EXHAUST AIR GRILLES. THE CONTRACTOR IS TO PAINT THE INSIDE OF THE SHEET STEEL PLENUM BOXES FLAT BLACK.
23. ALL SUPPLY AND RETURN DUCTWORK LOCATED IN UNCONDITIONED SPACES OR ABOVE CEILINGS SHALL BE INSULATED WITH A MINIMUM OF R-5 INSULATION. ALL DUCTWORK LOCATED OUTSIDE THE BUILDING ENVELOPE SHALL BE INSULATED WITH A MINIMUM OF R-8 INSULATION. INSULATION SHALL BE FIBERGLASS DUCT WRAP WITH VAPOR SEAL SECURELY TAPED AROUND DUCT. IF DUCT LINING IS TO BE USED, ALL DUCT SIZES SHOWN SHALL BE CONSIDERED TO BE INSIDE CLEAR DIMENSIONS.
24. INSTALL ALL DUCTWORK AS HIGH AS POSSIBLE PROVIDING RISERS, DROPS AND OFFSETS TO CLEAR STRUCTURAL MEMBERS, LIGHT FIXTURES, OTHER PIPING, AND OTHER OBSTRUCTIONS. WHERE CONFLICTS ARISE, IT SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO PROCEEDING.
25. THE ENTIRE AIR DISTRIBUTION SYSTEM IS TO BE BALANCED TO WITHIN 10% OF THE SPECIFIED AIRFLOW REQUIREMENTS.
26. THE CONTRACTOR IS RESPONSIBLE TO TEST ALL EQUIPMENT, PIPING, FIXTURES, AND SYSTEMS INSTALLED UNDER THIS CONTRACT TO ENSURE PROPER OPERATION PRIOR TO FINAL ACCEPTANCE BY THE OWNER AND ENGINEER.
27. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE WHETHER SPECIAL LICENSING IS REQUIRED IN ORDER TO PERFORM THE REQUIRED WORK IN THE MUNICIPALITY WHERE THE PROJECT IS LOCATED. IF THE CONTRACTOR CANNOT OBTAIN THE REQUIRED LICENSING TO COMPLETE THE WORK WITHIN THE PROJECT SCHEDULE, THEN THE CONTRACTOR SHALL NOT BE PERMITTED TO BID ON THIS PROJECT.
28. CONTRACTOR IS RESPONSIBLE TO CREATE AND SUBMIT RED-LINE "AS-BUILT" PLANS TO THE ENGINEER AT THE END OF THE PROJECT. AS-BUILT PLANS SHALL ACCURATELY REPRESENT THE SYSTEMS AS THEY WERE INSTALLED.

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Consultant
BLAKE ENGINEERING PLLC
MEP/FP CONSULTING & CONSTRUCTION MANAGEMENT

Project Title
CITY SD OF THE CITY OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
EMERGENCY STORM PROJECT

STATE OF NEW YORK
MATTHEW GEORGE BLAKE
095610
LICENSED PROFESSIONAL ENGINEER

	DATE	DESCRIPTION
1		

Drawn By:	BJK
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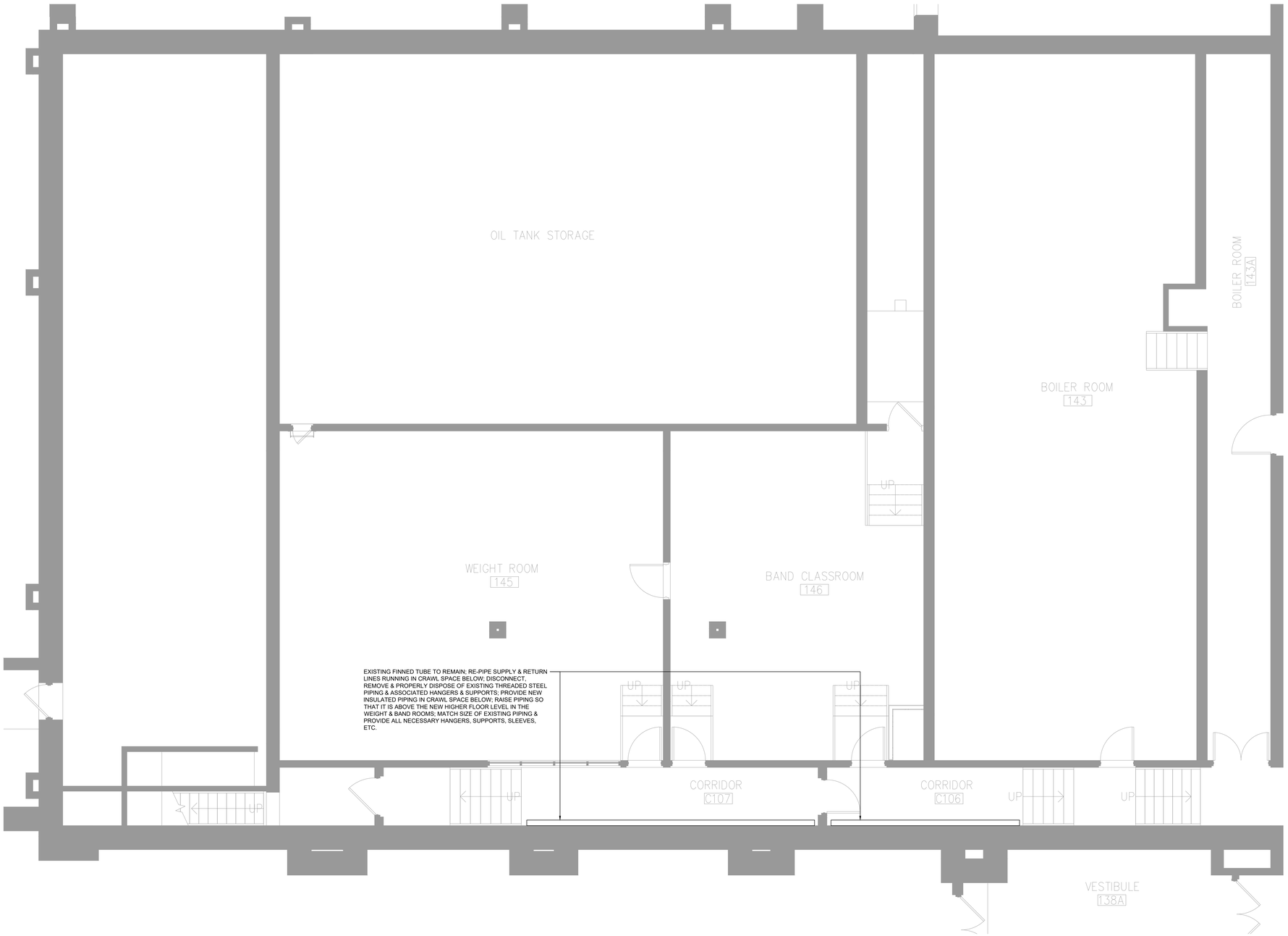
Sheet Title
MECHANICAL NOTES, LEGEND, SCHEDULE & DETAILS

Sheet No.
IEYMS MG001

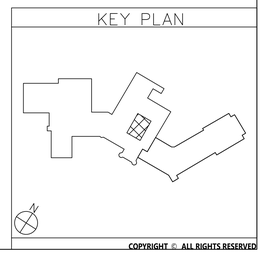
CONSTRUCTION DOCUMENTS



1 / M101 Weight & Band Room Mechanical Plan

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

KEY PLAN



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CITY SD OF THE CITY OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
EMERGENCY STORM PROJECT

Project Title

STATE OF NEW YORK
MATTHEW GEORGE BLAKE
089039
LICENSED PROFESSIONAL ENGINEER

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Sheet Title

WEIGHT & BAND ROOM MECHANICAL PLAN

Sheet No.

IEYMS M101

CONSTRUCTION DOCUMENTS

LIGHTING FIXTURE SCHEDULE

TAG	SYMBOL	MANUFACTURER & MODEL	TYPE	VOLTAGE	# OF LAMPS	LAMP WATTS	FIXTURE WATTS	MOUNTING	SIZE	NOTES
-		BEGHELLI LIGHTING LED EMERGENCY PEH-T20-AT	LED	120	2	1.7	3.4	UNIVERSAL	-	90-MINUTE BATTERY BACKUP
-		BEGHELLI LIGHTING COMBO UNIT FRM-C-LR-1-B-BA-RC	LED	120	2	3	6	UNIVERSAL	-	90-MINUTE BATTERY BACKUP; REMOTE CAPABLE
-		BEGHELLI LIGHTING LED EXIT SIGN FME-SA-LR-U-M	LED	120	1	2	2	UNIVERSAL	-	90-MINUTE BATTERY BACKUP

120/208V 3Ø 4W+G — BUS RATING: 150A — MLO

CONNECTED LOAD	CONDUCTORS	CKT. BREAKER AMPACITY	POSITION	L1 KVA	L2 KVA	L3 KVA	POSITION	CKT. BREAKER AMPACITY	CONDUCTORS	CONNECTED LOAD
			1				2	-	-	SPACE
EXISTING	EXISTING	100	3				4	-	-	SPACE
			5				6	-	-	SPACE
			7				8			
EXISTING	EXISTING	70	9				10	80	EXISTING	EXISTING
			11				12			
EXISTING	EXISTING	20	13				14	20	EXISTING	EXISTING
EXISTING	EXISTING	20	15				16	20	EXISTING	EXISTING
EXISTING	EXISTING	20	17				18	20	EXISTING	EXISTING
EXISTING	EXISTING	20	19				20	20	EXISTING	EXISTING
EXISTING	EXISTING	20	21				22	20	EXISTING	EXISTING
EXISTING	EXISTING	20	23				24	20	EXISTING	EXISTING
EXISTING	EXISTING	20	25				26	20	EXISTING	EXISTING
EXISTING	EXISTING	20	27				28	20	EXISTING	EXISTING
EXISTING	EXISTING	20	29				30	20	EXISTING	EXISTING
EXISTING	EXISTING	20	31				32			
PUMP CONTROL CIRCUIT	(2) #12 CU & (1) #12 GND.	20	33				34	20	(2) #12 CU & (1) #12 GND.	PUMP DUPLEX CONTROL
SPACE	-	-	35				36	-	-	SPACE
SPACE	-	-	37				38	-	-	SPACE
SPACE	-	-	39				40	-	-	SPACE
SPACE	-	-	41				42	-	-	SPACE
SQUARE D NQ PANEL				-	-	-	- kVA TOTAL			

- PROVIDE NEW CIRCUIT BREAKERS FOR ALL NEW OR MODIFIED CIRCUITS; BREAKERS SHALL MATCH EXISTING TYPE AND RATING
- PANEL SCHEDULE SHOWN BASED ON EXISTING DIRECTORY, CONTRACTOR SHALL VERIFY IN FIELD & ADJUST CIRCUIT LAYOUT AS NEEDED BASED ON AVAILABLE POSITIONS

1 / EG000 — Existing Panelboard PP-2
Scale: None

ELECTRICAL LEGEND:

- MOTOR
- EARTH GROUND
- JUNCTION BOX
- PB — PULL BOX
- FUSE WITH RATING
- MOLDED CASE CIRCUIT BREAKER
- DISCONNECT SWITCH, FUSED
- DISCONNECT SWITCH, UNFUSED
- STARTER, COMBINATION WITH DISCONNECT SWITCH
- STARTER OR MOTOR CONTROLLER
- M — METER
- 20A 120V DUPLEX CEILING MOUNTED RECEPTACLE
- 20A 120V DUPLEX WALL MOUNTED RECEPTACLE; 18" A.F.F. UNLESS OTHERWISE NOTED
- 20A 120V DUPLEX WALL MOUNTED RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER
- 20A 120V QUADRAPLEX RECEPTACLE
- WALL MOUNTED SPECIAL PURPOSE RECEPTACLE
- USB — 20A 120V WALL MOUNTED USB CHARGER RECEPTACLE TYPICAL OF HUBBELL USB20X OR ACCEPTABLE EQUAL
- F — FLOOR BOX WITH STAINLESS COVER TYPICAL OF LEW EECTRIC #OB-1-SP OR ACCEPTABLE EQUAL; PUSH BUTTON OPEN; FULLY IP66 RATED WATER PROOF (WHEN IN CLOSED POSITION); W/ 20A 125V E60120 GFCI RECEPTACLE (UNLESS OTHERWISE NOTED)
- W — WALL PHONE OUTLET MTD. 48" A.F.F.; 3/4" EMT CDT. IN WALL TO ABOVE CEILING W/ PULL CORD
- WALL BOX FOR TELEVISION CONNECTION; 1-1/4" EMT CDT. IN WALL TO ABOVE CEILING W/ PULL CORD
- TELEPHONE/DATA COMMUNICATION BOX W/ (2) 3/4" EMT CDT. IN WALL TO ABOVE CEILING W/ PULL CORD; NO FACE PLATE
- HR — BRANCH CIRCUIT HOMERUN; LINES INDICATE NUMBER OF CIRCUITS, NEUTRAL, AND SWITCH LEG CONDUCTORS; ONE SEPARATE GROUNDING CONDUCTOR SHALL BE PROVIDED FOR EACH HOMERUN; NOT SHOWN
- $2 — SWITCH
  BLANK = SINGLE POLE; 2 = DOUBLE POLE
  3 = THREE-WAY; 4 = FOUR-WAY
  D = DIMMER; K = KEY OPERATED
  P = WITH PILOT LIGHT; PB= PUSH BUTTON
  T = TIMER OPERATED; WP= WEATHER PROOF
  X = EXPLOSION PROOF; OC= OCCUPANCY SENSOR
- OS — DUAL TECHNOLOGY OCCUPANCY SENSOR
- DS — DAYLIGHT SENSOR
- HORN/STROBE DEVICE, ONE ASSEMBLY; MTD. 80" A.F.F. UNLESS OTHERWISE NOTED; 15 CANDELA UNLESS OTHERWISE NOTED
- STROBE DEVICE; MTD. 80" A.F.F. UNLESS OTHERWISE NOTED; 15 CANDELA UNLESS OTHERWISE NOTED
- MANUAL PULL STATION; MTD. 48" A.F.F.
- WP — WATER FLOW SWITCH
- TS — VALVE TAMPER SWITCH
- X — DETECTOR; LETTER INDICATES AS FOLLOWS:
  BLANK = SMOKE DETECTOR
  P = PHOTOELECTRIC SMOKE
  M = MULTIPLE STATION SMOKE ALARM
  D = PHOTOELECTRIC DUCT SMOKE DETECTOR
  FSD = DUCT SMOKE DETECTOR FOR FIRE SMOKE DAMPER
- HR — RATE OF RISE HEAT DETECTOR, 135°F
- CO — CARBON MONOXIDE DETECTOR; MTD. 60" A.F.F.
- FACP — ADDRESSABLE FIRE ALARM CONTROL PANEL
- FANP — FIRE ALARM ANNUNCIATOR PANEL
- RTS — REMOTE TEST SWITCH & LED FOR DUCT SMOKE DETECTORS
- R — FIRE ALARM RELAY

ELECTRICAL NOTES:

1. ALL MATERIALS AND EQUIPMENT ARE TO BE NEW, UNUSED, AND FREE FROM DEFECTS OF ANY KIND. THE BASIS OF QUALITY SHALL BE THE LATEST REVISION OF ASTM, ANSI, OR OTHER ACCEPTABLE STANDARDS.
2. THESE DRAWINGS ARE DIAGRAMMATIC, AND INDICATE GENERAL ARRANGEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO HAVE REVIEWED THE SITE FOR HIS WORK PRIOR TO HAVING SUBMITTED HIS PROPOSAL. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CONDITIONS FOUND DURING THE COURSE OF THE CONTRACT.
3. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF ALL OTHER TRADES.
4. ALL WORK INCLUDING LABOR AND MATERIALS SHALL BE FULLY GUARANTEED FOR ONE (1) YEAR FROM THE DATE OF PAYMENT AND FINAL ACCEPTANCE BY THE OWNER AND ENGINEER.
5. ALL CUTTING, PATCHING, FIRE-STOPPING, AND SURFACE RESTORATION IN CONNECTION WITH THIS TRADE SHALL BE COMPLETED BY THIS CONTRACTOR.
6. A MINIMUM OF FOUR (4) COPIES OF SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL PRIOR TO ORDERING AND INSTALLATION OF THE EQUIPMENT AND/OR MATERIALS. BY SUBMITTING SHOP DRAWINGS, THE CONTRACTOR REPRESENTS THAT ACTUAL FIELD CONDITIONS ARE VERIFIED BY HIM AND ARE REFLECTED ON HIS SUBMITTALS.
7. THIS CONTRACTOR SHALL PAY ALL FEES, GIVE ALL NOTICES, FILE ALL NECESSARY DRAWINGS, AND OBTAIN ALL PERMITS, INSPECTIONS AND CERTIFICATES OF APPROVAL REQUIRED IN CONNECTION WITH WORK UNDER THIS CONTRACT.
8. EQUIPMENT AND MATERIALS FOR WHICH UNDERWRITERS LABORATORIES INC. (UL) PROVIDES PRODUCT LISTING SERVICE SHALL BE LISTED AND BEAR THE LISTING MARK.
9. ALL WORK IN ASSOCIATION WITH THIS CONTRACT SHALL BE COMPLETED IN STRICT COMPLIANCE WITH THE 2017 NATIONAL ELECTRIC CODE, 2020 BUILDING CODE OF NEW YORK STATE, 2020 FIRE CODE OF NEW YORK STATE & 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.
10. ALL NEW LIGHTING FIXTURES SHALL BE INSTALLED FULLY LAMPED AND OPERABLE. THE CONTRACTOR SHALL TURN OVER TO THE OWNER SPARE LAMPS OF EVERY TYPE ON THE PROJECT IN AN AMOUNT NOT LESS THAN 20% OF THE TOTAL NUMBER OF EACH TYPE (MINIMUM 1 PER TYPE).
11. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION, APPLICATIONS AND FEES OF ALL WORK ASSOCIATED WITH THE LOCAL UTILITY COMPANY AND/OR THE TELEPHONE COMPANY. ALL WORK INVOLVING THE UTILITY COMPANY SHALL BE COMPLETED IN ACCORDANCE WITH THEIR REGULATIONS AND GUIDELINES.
12. ALL CONDUCTORS SHALL BE COPPER, SHALL NOT BE LESS THAN #12 AWG, AND SHALL NOT EXCEED 70 FEET FROM PANEL BOARD TO FURTHEST CONNECTION UNLESS OTHERWISE NOTED ON PLANS.
13. LIGHTING LOADS SHALL NOT BE COMBINED ON THE SAME CIRCUIT AS ANY OTHER ELECTRICAL LOADS.
14. CONTRACTOR SHALL BE RESPONSIBLE TO FURNISH & INSTALL ALL SMALL DETAILS AND INCIDENTAL WORK NOT SHOWN OR SPECIFIED, BUT WHICH CAN BE REASONABLY INFERRED AS REQUIRED FOR A COMPLETE AND OPERATING SYSTEM OF HIGH QUALITY MEETING ALL APPLICABLE CODES AND REGULATIONS.
15. FOR EACH NEW OR MODIFIED ELECTRICAL PANEL, THE CONTRACTOR SHALL PROVIDE A TYPE WRITTEN DIRECTORY CARD TO REFLECT ALL CIRCUITING. ADDITIONALLY, THE CONTRACTOR SHALL LABEL (WITH A PERMANENT MARKER OR LABEL) EACH RECEPTACLE ON THE INSIDE OF EACH FACE PLATE WITH PANEL AND CIRCUIT NUMBER DESIGNATION.
16. MINIMUM REQUIREMENT FOR EQUIPMENT GROUNDING SHALL BE GOVERNED BY THE NEC. ALL GROUNDS, BONDING, ETC. SHALL MEET THESE REQUIREMENTS. THE CONTRACTOR SHALL FURNISH AND INSTALL ANY AND ALL ITEMS NECESSARY TO MEET THESE REQUIREMENTS AT NO EXTRA COST, EVEN IF SUCH ITEMS ARE NOT DETAILED ON THE DRAWINGS.
17. ALL CONDUIT AND CABLE SHALL BE PROPERLY SUPPORTED AND ROUTED PARALLEL OR PERPENDICULAR TO BUILDING WALLS. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL SUPPORT HANGERS AND MISCELLANEOUS METALS REQUIRED FOR PROPER INSTALLATION OF WORK.
18. THE CONTRACTOR IS RESPONSIBLE TO TEST ALL EQUIPMENT, WIRING, DEVICES, AND SYSTEMS INSTALLED UNDER THIS CONTRACT TO ENSURE PROPER OPERATION PRIOR TO FINAL ACCEPTANCE BY THE OWNER AND ENGINEER.
19. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE WHETHER SPECIAL LICENSING IS REQUIRED IN ORDER TO PERFORM THE REQUIRED WORK IN THE MUNICIPALITY WHERE THE PROJECT IS LOCATED. IF THE CONTRACTOR CANNOT OBTAIN THE REQUIRED LICENSING TO COMPLETE THE WORK WITHIN THE PROJECT SCHEDULE, THEN THE CONTRACTOR SHALL NOT BE PERMITTED TO BID ON THIS PROJECT.

WIRE COLOR CODING TABLE

PHASE	WIRES	VOLTAGE	L1	L2	L3	NEUTRAL	GROUND
1	2 (1)	120	BLACK	-	-	WHITE	-
1	2 (1)	208	BLACK	RED	-	-	-
1	3	120	BLACK	-	-	WHITE	GREEN (2)
1	3	208	BLACK	RED	-	-	GREEN (2)
3	4	208	BLACK	RED	BLUE	-	GREEN (2)
3	5	208	BLACK	RED	BLUE	WHITE	GREEN (2)
1	3	277	BROWN	-	-	GRAY	GREEN (2)
1	3	277	BROWN	ORANGE	-	-	GREEN (2)
3	4	480	BROWN	ORANGE	YELLOW	-	GREEN (2)
3	5	480	BROWN	ORANGE	YELLOW	GRAY	GREEN (2)

NOTES:
1. FOR DOUBLE INSULATED EQUIPMENT ONLY.
2. GREEN/YELLOW MAY BE USED:
   - GREEN/YELLOW SHALL BE GREEN WITH ONE OR MORE YELLOW STRIPES.
   - GREEN = 50 TO 70%, YELLOW = 50 TO 30%.
   - GREEN/YELLOW IS THE ONLY COLOR INTERNATIONALLY ACCEPTED FOR USE AS AN EQUIPMENT GROUNDING CONDUCTOR.
   - GREEN OR GREEN/YELLOW MUST ONLY BE USED FOR GROUNDING CONDUCTORS.

DEVICE MOUNTING HEIGHTS

POWER RECEPTACLES (INTERIOR)	18" A.F.F.
POWER RECEPTACLES (EXTERIOR)	36" A.F.G.
POWER RECEPTACLES (@ COUNTER)	44" A.F.F.
LIGHT SWITCHES	44" A.F.F. TO TOP OF DEVICE
DISCONNECT SWITCHES	SEE NEC 404.8(A)
TELEPHONE/DATA RECEPTACLES	18" A.F.F.
TELEPHONE/DATA RECEPTACLES (@ COUNTER)	44" A.F.F.
WALL TELEPHONE RECEPTACLES	48" A.F.F. TO TOP OF DEVICE
FIRE ALARM PULL STATIONS	42" A.F.F. MIN./44" A.F.F. MAX.
FIRE ALARM AUDIO/VISUAL DEVICES	80" A.F.F. MIN./96" A.F.F. MAX.
EXIT LIGHTS (WALL MOUNTED)	12" ABOVE DOOR
EMERGENCY LIGHTS (WALL MOUNTED)	90" A.F.F.
TV & A/V OUTLETS	18" A.F.F.
NOTE: ALL DIMENSIONS ARE TO CENTER OF DEVICE UNLESS OTHERWISE NOTED	

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CITY SD OF THE CITY OF NEW ROCHELLE
ISAAC E YOUNG MIDDLE SCHOOL
EMERGENCY STORM PROJECT
Project Title

STATE OF NEW YORK · MATTHEW GEORGE BLAKE · 099379 · LICENSED PROFESSIONAL ENGINEER

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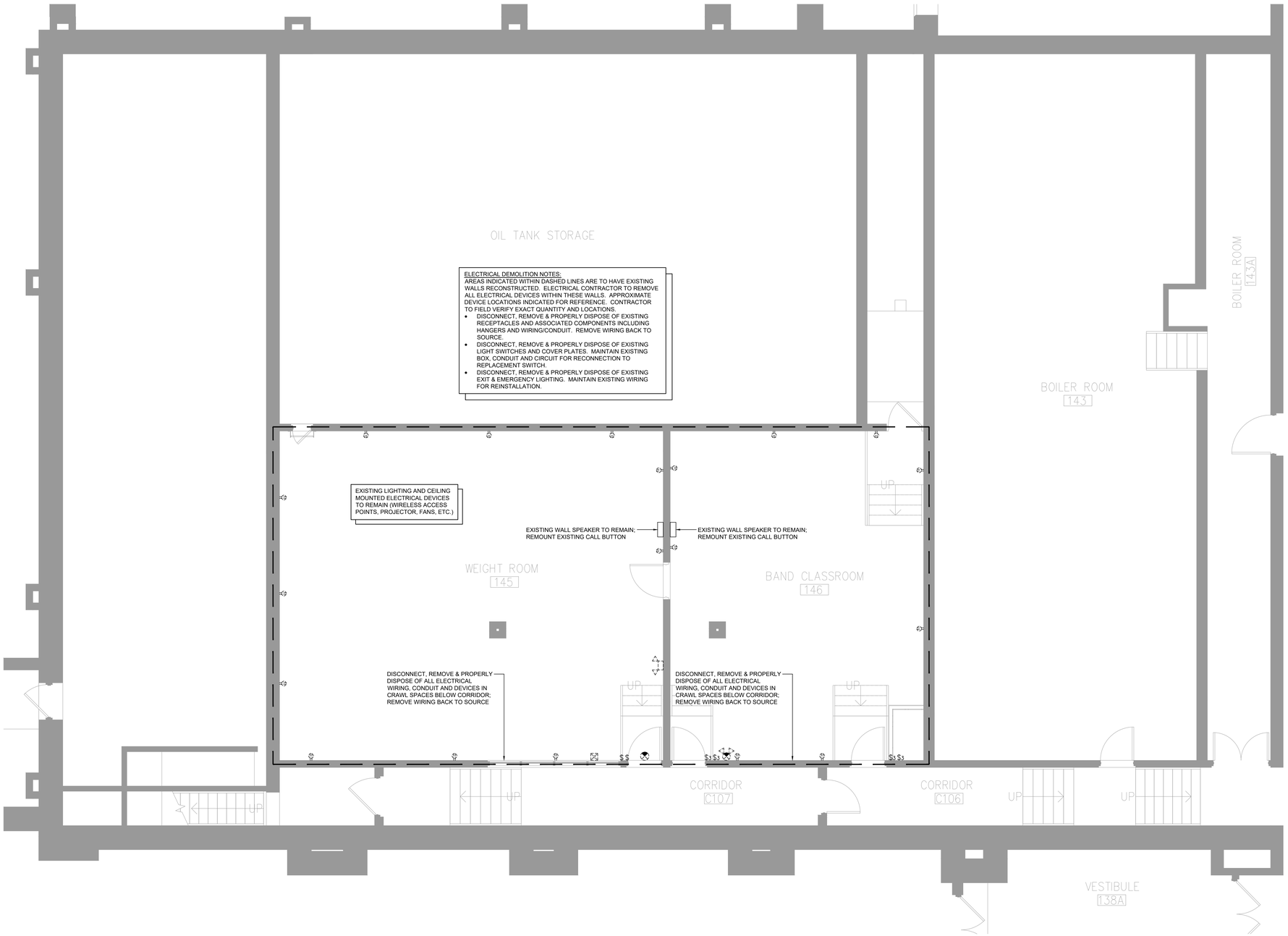
Sheet Title
ELECTRICAL NOTES, LEGEND, DETAILS & SCHEDULES

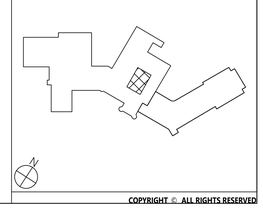
Sheet No.
IEYMS EG001

CONSTRUCTION DOCUMENTS



1 ED101 Weight & Band Room Electrical Demoltion Plan
Scale: 1/4" = 1'-0"

KEY PLAN



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ISAAC E YOUNG MIDDLE SCHOOL
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Project Title

STATE OF NEW YORK
MATTHEW GEORGE BLAKE
089039
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WEIGHT & BAND ROOM ELECTRICAL DEMOLITION PLAN

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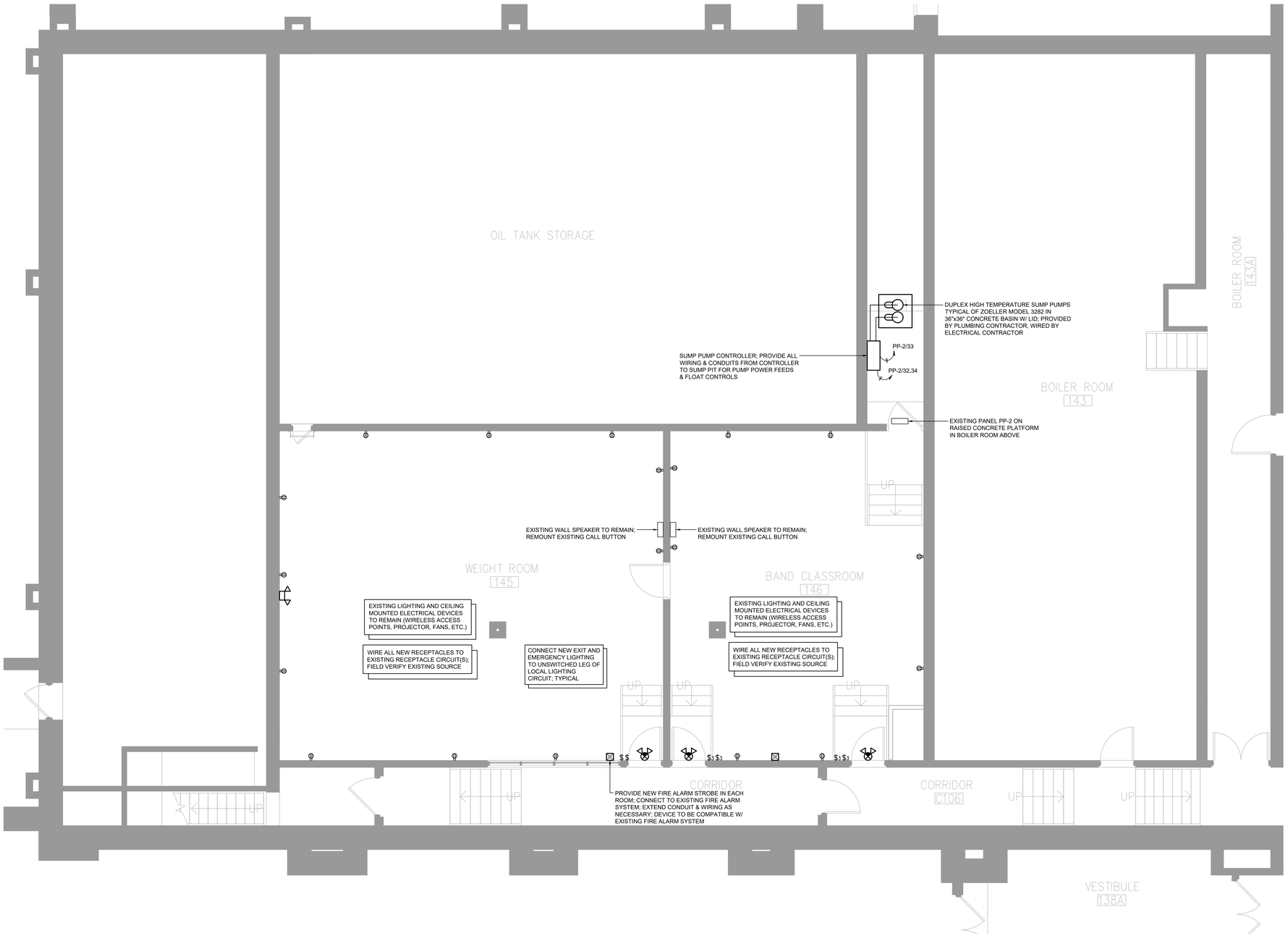
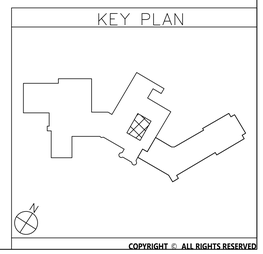


1 / E101 Weight & Band Room Electrical Plan

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

KEY PLAN



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ISAAC E YOUNG MIDDLE SCHOOL
EMERGENCY STORM PROJECT

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WEIGHT & BAND ROOM ELECTRICAL PLAN

Sheet No.

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